

AIR MINISTRY.

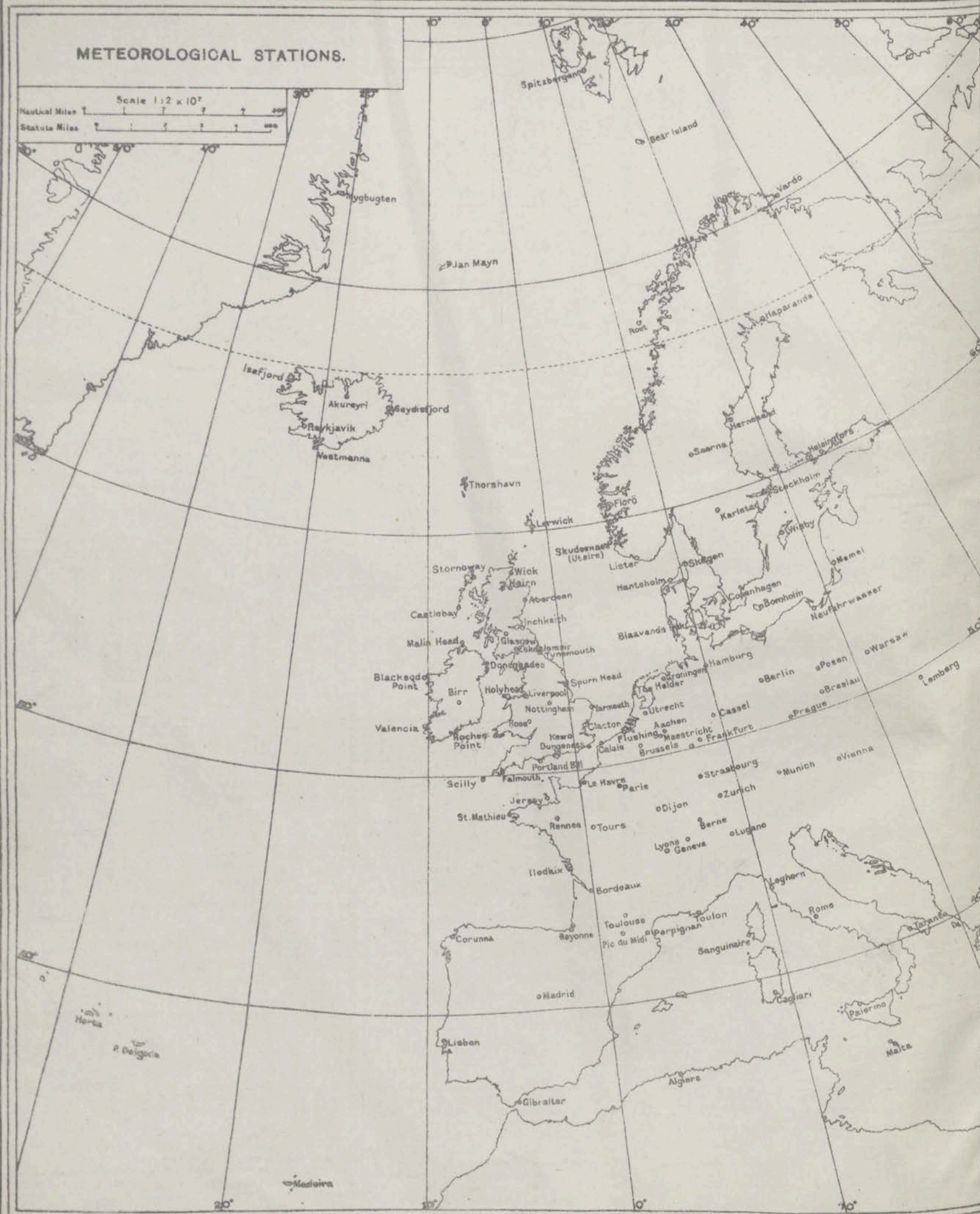
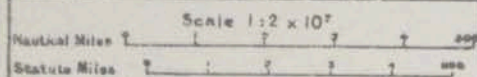
METEOROLOGICAL OFFICE.

LONDON.

DAILY WEATHER REPORTS

1ST JULY TO 30TH SEPTEMBER, 1923.

METEOROLOGICAL STATIONS.



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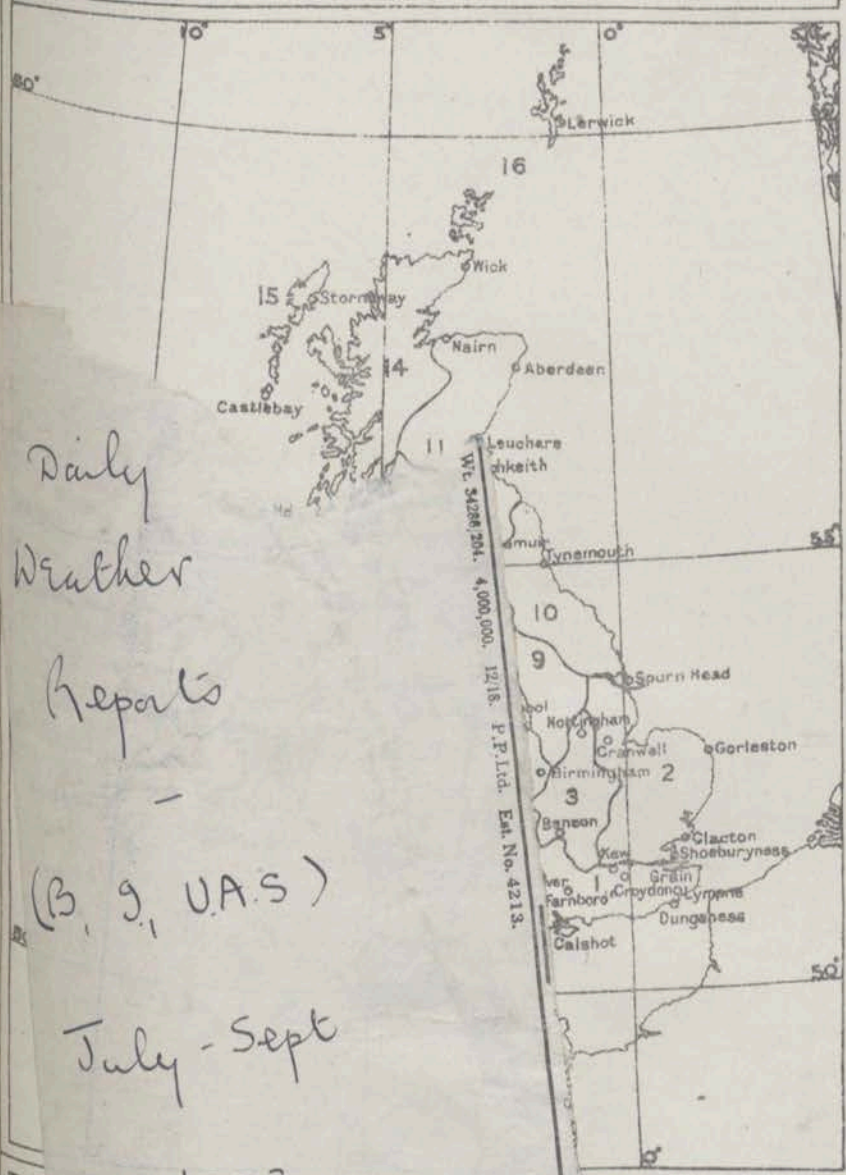
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FORECAST DISTRICTS AND BRITISH STATIONS.

STATIONS USED FOR UPPER AIR SUPPLEMENT.



Daily
Weather
Reports

(B. G. U.A.S.)

July - Sept

1923

THE BEAUFORT SCALE OF WIND FORCE.

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

BEAUFORT NOTATION OF WEATHER.

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

With present weather is combined, whenever possible, the general character of the weather.
 A "solidus" divides actual existing weather from preceding conditions, thus: -b/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.
 rrr = continuous light rain.

GALE WARNINGS.

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

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

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

The Signals remain hoisted after the receipt of a warning telegram until danger of a gale is passed.
 The Districts to which warnings are sent are shown in the British Section of the Daily Weather Report by the following symbols:—

▼ South Cone hoisted
 ▲ North " "

AIR MINISTRY.

METEOROLOGICAL OFFICE, LONDON.

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

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

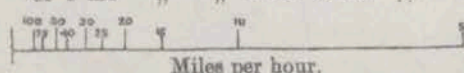
Pressure.—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on the British Section of the Report and for intervals of 4 millibars on the International Section.

The wind at a height of 1,500-2,000 feet above ground usually blows along the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, e.g., for isobars 1 inch apart (160 miles) in the Daily Weather Report the speed of the upper wind is about 12 m.p.h. in latitude 55°, with a temperature of 50° F. and a pressure of 1,015 mb; if, however, the isobars are $\frac{1}{2}$ 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 × 10⁷ Charts.
or 2 mb " " 1 : 10⁷ "
or 1 mb " " 1 : 5 × 10⁶ "



This scale applies under the following conditions:—

Pressure, 1,015 mb. Temperature, 283° A=50° F. Latitude, 55°.

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

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

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

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

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

Upper Air Temperature.—The actual observations are made normally, one at 1,000 feet above the level of the aerodrome, and the remainder at pressures of 950, 900, 850, 800, etc., millibars. Heights are then computed and, apart from instrumental error, are correct heights: they do not require modification for differences of temperature from normal as these are allowed for in the computation. The values are shown graphically and in tabular form in the Upper Air Supplement. On the diagram, temperatures are given in degrees Fahrenheit and Absolute. The lines marked "Anti-cyclonic," "Cyclonic," "Summer," and "Winter," indicate the normal fall of temperature with pressure under the conditions indicated. The oblique line marked "Adiabatic" shows the lapse rate of temperature for dry air ascending or descending under adiabatic conditions, i.e., without communication of heat from external sources. The lapse rate under these circumstances is very approximately 5.5° F. per 1,000 feet, or 10a per kilometre. A lapse rate greater than this value indicates instability of the atmosphere.

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

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

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

- C—Uniform clicks and normal quiet distribution.
- C₁C₂—Clicks of two obviously different orders of intensity.
- Cg—Clicks predominant but a few grinders.
- G—Grinders predominant.
- GG—Continuous grinders whose minimum direction can be found by estimation of intensity without counting.
- Ck—Clicks with a few loud crashes.
- CK—Clicks with numerous crashes.
- KK—Very loud atmospherics.

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

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

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

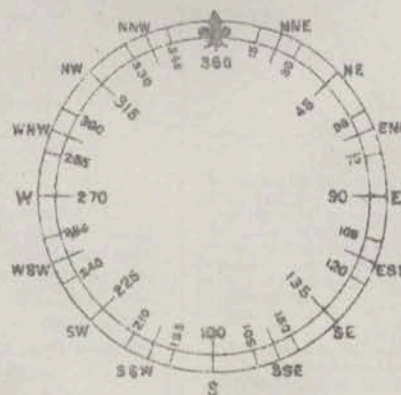
It is to be noted that there is an ambiguity of 180° in the determination of direction.

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

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

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

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



Note.—Ships' Reports.

SEA DISTURBANCE.

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

JULY.

AUGUST.

SEPTEMBER.

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DAILY WEATHER REPORT. APPENDIX I.

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

THIRD QUARTER, JULY TO SEPTEMBER.

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

STATIONS:	PRESSURE 1906-1915. 7 a.m. Observations (reduced to M.S. Level).	AIR TEMPERATURE.								RAINFALL 1881-1915.			BRIGHT SUNSHINE. 1881-1915.	
		Means of			Absolute Extremes.					Days with Rain.	Total Fall.	Daily Mean.	Per Centage of Possible Duration.	
		1906-1915.	1881-1915.		1881-1915.									
			Dry Bulb 7 a.m.	Daily Maximum.	Daily Minimum.	Maximum.		Minimum.						
		Temp.				Year.	Temp.	Year.						
Lerwick	1012.5	51.7	57.0	48.2	70	1897, 1911	37	1888	17	58	2.20	—		
Stornoway	1013.1	53.5	60.2	48.9	76	1894	32	1888	21	77	3.03	37		
Castletown (Barra Isd.)	1013.2	54.4	61.8	51.6	73	1914	44	1913	18	69	2.70	32		
Exkdalemuir	1014.8	53.8	62.8	46.9	81	1911	34	1914	16	90	3.56	31		
Malin Head	1013.4	54.5	60.6	52.3	79	1911	42	1888, 1902	19	72	2.84	—		
Blackhead Point	1014.8	56.1	62.2	51.2	80	1894	42	1898	21	80	1.15	—		
Valencia	1016.3	56.9	61.8	51.8	81	1911	40	1907	21	96	3.78	32		
Roche's Point	1016.5	56.6	64.7	51.7	76	1887, 1912	43	1907	15	73	2.88	—		
Birr Castle	1015.4	55.2	66.3	51.1	85	1911	37	1889	17	75	2.95	29		
Donaghadee	1014.6	54.5	61.2	51.8	85	1887	40	1883, 1902	17	71	2.80	—		
Liverpool (Observatory)	1015.1	56.6	61.7	54.2	88	1901	45	1888, 1907, 13	15	66	2.59	37		
Holyhead	1015.1	56.9	61.3	53.6	85	1901	41	1888	16	66	2.61	37		
Pembroke (St. Ann's Hd.)	1015.7	56.4	62.3	54.5	81	1911	43	1910	14	63	2.47	42		
Selly (St. Mary's)	1016.7	57.9	64.8	56.2	78	1911	47	1910	15	56	2.22	45		
Falmouth	1017.0	58.6	65.8	55.1	80	1885	46	1897	15	72	2.84	46		
Jersey (St. Aubin's)	1017.4	60.2	68.1	56.4	87	1900, 1901	44	1907, 1909	13	53	2.10	51		
Portland Bill	1016.2	58.5	64.5	55.8	79	1901, 1912	49	1900, 1907	11	44	1.74	—		
Dungeness	1015.6	59.1	66.6	55.1	82	1900	40	1890	12	46	1.81	—		
Dover	1015.3	59.7	66.7	55.8	87	1911	43	1913	14	50	2.19	43		
Wick	1012.9	52.6	60.6	48.4	80	1899, 1901	36	1885	18	67	2.61	—		
Nairn	1013.0	53.8	61.3	49.1	85	1901	30	1906	18	68	2.68	27		
Aberdeen	1013.5	55.1	62.8	50.3	81	1885	38	1898, 1903	17	71	2.81	30		
Leith	1013.7	55.8	63.8	51.4	81	1901	41	1887, 88, 92, 1903	16	65	2.55	—		
Tynemouth	1014.2	55.8	64.2	51.3	82	1911	39	1909	14	61	2.40	—		
Spurn Head	1014.4	57.4	65.0	54.3	85	1911	41	1888	12	45	1.78	31		
Yarmouth	1014.8	58.1	66.2	54.7	87	1881	42	1890	13	59	2.34	40		
Clacton-on-Sea	1015.5	58.8	67.7	54.7	83	1911	40	1902	11	49	1.92	44		
Nottingham	1015.2	57.0	69.7	52.2	92	1881	37	1888	15	61	2.38	35		
LONDON (Kew Obsy.)	1015.1	58.5	71.0	54.3	90	1881	43	1882, 1884	12	55	2.17	41		
Lerwick	1010.4	52.4	57.1	48.4	82	1910	38	1885, 95, 1909	20	76	1.01	—		
Stornoway	1011.4	51.3	60.0	49.0	75	1897, 1899	33	1888	22	101	3.97	28		
Castletown (Barra Isd.)	1012.1	55.0	61.8	52.2	75	1911	44	1912	18	83	3.27	31		
Exkdalemuir	1014.8	53.8	62.8	46.9	81	1911	34	1914	16	90	3.56	31		
Malin Head	1013.4	54.5	60.6	52.3	79	1911	42	1888, 1902	19	72	2.84	—		
Blackhead Point	1014.8	56.1	62.2	51.2	80	1894	42	1898	21	80	1.15	—		
Valencia	1016.3	56.9	61.8	51.8	81	1907	40	1907	21	96	3.78	32		
Roche's Point	1016.5	56.6	64.7	51.7	76	1887, 1912	43	1907	15	73	2.88	—		
Birr Castle	1015.4	55.2	66.3	51.1	85	1911	37	1889	17	75	2.95	29		
Donaghadee	1014.6	54.5	61.2	51.8	85	1887	40	1883, 1902	17	71	2.80	—		
Liverpool (Observatory)	1015.1	56.6	61.7	54.2	88	1901	45	1888, 1907, 13	15	66	2.59	37		
Holyhead	1015.1	56.9	61.3	53.6	85	1901	41	1888	16	66	2.61	37		
Pembroke (St. Ann's Hd.)	1015.7	56.4	62.3	54.5	81	1911	43	1910	14	63	2.47	42		
Selly (St. Mary's)	1016.7	57.9	64.8	56.2	78	1911	47	1910	15	56	2.22	45		
Falmouth	1017.0	58.6	65.8	55.1	80	1885	46	1897	15	72	2.84	46		
Jersey (St. Aubin's)	1017.4	60.2	68.1	56.4	87	1900, 1901	44	1907, 1909	13	53	2.10	51		
Portland Bill	1016.2	58.5	64.5	55.8	79	1901, 1912	49	1900, 1907	11	44	1.74	—		
Dungeness	1015.6	59.1	66.6	55.1	82	1900	40	1890	12	46	1.81	—		
Dover	1015.3	59.7	66.7	55.8	87	1911	43	1913	14	50	2.19	43		
Wick	1011.2	52.6	60.6	48.4	80	1891	30	1886	21	70	2.75	—		
Nairn	1011.4	53.8	61.3	49.1	85	1899	31	1885, 91, 1904	19	61	2.41	28		
Aberdeen	1012.2	54.5	62.4	49.9	81	1882, 99, 1905	31	1885	18	70	2.74	32		
Leith	1012.4	55.5	63.4	51.2	81	1891, 1906	38	1881, 1892	17	75	2.94	—		
Tynemouth	1013.2	55.5	64.2	51.1	81	1891	38	1912	16	70	2.75	—		
Spurn Head	1013.8	57.7	65.1	54.4	87	1893	45	1903	14	54	2.11	38		
Yarmouth	1014.7	58.1	66.3	54.2	85	1891	41	1902	14	63	2.47	44		
Clacton-on-Sea	1015.1	59.1	67.5	54.9	83	1911	40	1908, 1915	14	47	1.86	48		
Nottingham	1014.5	55.8	68.4	51.2	94	1911	37	1908	16	61	2.49	37		
LONDON (Kew Obsy.)	1015.8	58.0	69.7	53.5	94	1911	41	1890	13	57	2.24	42		
Lerwick	1015.5	49.7	54.6	46.5	69	1898	34	1887, 1888	20	76	1.01	—		
Stornoway	1016.5	50.4	57.7	46.2	77	1906	32	1885, 1904	21	100	3.95	30		
Castletown (Barra Isd.)	1017.1	52.8	59.9	50.2	68	1914	39	1915	16	83	3.27	31		
Exkdalemuir	1017.9	46.1	58.1	41.6	71	1914	27	1910, 11, 14, 15	12	60	2.36	34		
Malin Head	1016.9	52.9	58.9	50.6	84	1906	38	1886	17	67	2.62	—		
Blackhead Point	1017.6	54.6	60.1	51.1	78	1898	39	1899	19	99	3.88	—		
Valencia	1018.4	54.1	61.8	51.3	79	1898, 1906	35	1899	18	105	4.14	36		
Roche's Point	1019.1	54.6	61.8	51.4	73	1895, 1906, 11, 13	39	1893	16	75	2.97	—		
Birr Castle	1018.5	50.9	62.1	47.0	80	1906	39	1899	15	58	2.20	34		
Donaghadee	1018.1	52.2	60.3	49.4	75	1906	36	1882, 94, 99, 1909	16	61	2.39	—		
Liverpool (Observatory)	1018.9	52.6	61.4	50.7	87	1906	39	1885, 1914, 15	15	61	2.41	36		
Holyhead	1018.5	54.9	61.0	51.8	77	1898	41	1912	15	68	2.68	45		
Pembroke (St. Ann's Hd.)	1018.6	54.7	60.8	52.8	74	1895	40	1895	14	69	2.73	40		
Selly (St. Mary's)	1018.5	56.6	62.5	54.7	74	1911	44	1885, 88, 1912	15	62	2.45	45		
Falmouth	1019.1	55.1	62.1	52.7	75	1906	36	1885	15	74	2.91	44		
Jersey (St. Aubin's)	1019.1	57.7	66.0	54.6	89	1906, 1911	41	1891	14	61	2.41	50		
Portland Bill	1018.7	56.8	62.9	54.1	75	1911	42	1915	12	48	1.88	—		
Dungeness	1018.4	55.5	64.3	52.0	81	1906	32	1885	13	52	2.05	—		
Dover	1018.5	55.4	61.8	50.9	87	1911	38	1915	12	50	1.96	31		
Wick	1016.2	50.1	57.8	45.9	78	1898	29	1885, 87, 1907	19	64	2.50	—		
Nairn	1016.7	48.9	60.4	44.9	84	1906	25	1892	17	56	2.20	31		
Aberdeen	1017.5	50.6	59.2	46.7	82	1906	30	1887	17	56	2.22	31		
Leith	1017.8	51.2	61.8	47.6	81	1898	33	1886, 1905	13	45	1.76	—		
Tynemouth	1018.3	51.2	60.7	47.8	88	1906	34	1885, 89, 91, 1907	13	46	1.80	—		
Spurn Head	1018.2	54.3	61.4	51.7	79	1899	38	1892, 1909	12	36	1.42	47		
Yarmouth	1018.4	54.7	62.5	51.5	80	1911	31	1885	13	50	1.96	42		
Clacton-on-Sea	1018.8	55.2	63.3	51.6	79	1906	31	1904, 1915	9	42	1.64	47		
Nottingham	1019.0	50.7	64.0	47.4	94	1906	30	1887	14	42	1.65	34		
LONDON (Kew Obsy.)	1019.4	52.3	64.9	49.3	92	1906	33	1887	12	48	1.87	39		

* Results for 30 years, 1886-1915.

+ " 10 " 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.

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.

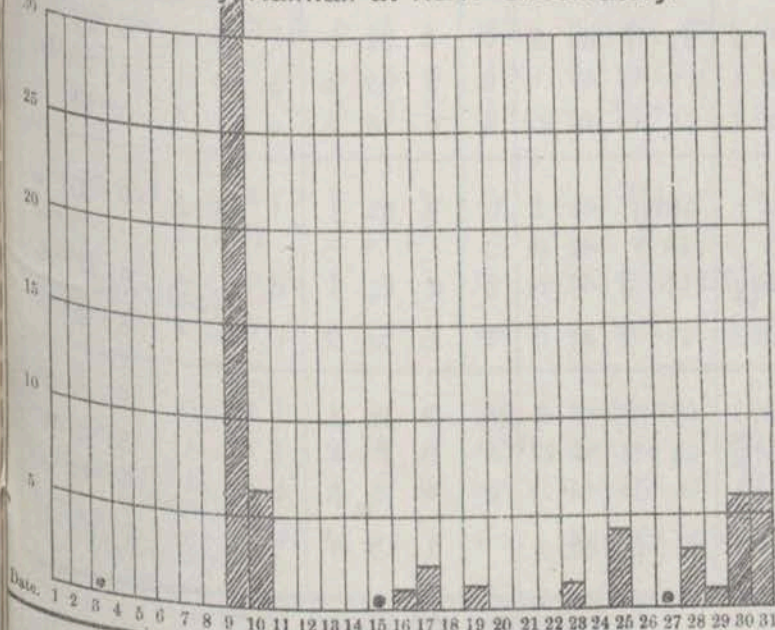
Notes on the Weather of JULY 1923.

The first few days of July were dull and rather cool but bright warm weather began to prevail on the 4th and from the 5th - 14th the thermometer rose to 80° or above each day at Kew. Maxima of 90° or higher occurred locally in southern England or the Midlands on the 6th, 7th and 11th but were more general on the 12th and 13th, when many stations experienced their highest temperature for the month and in some cases surpassed their previous records. In London the high values of August 1911 were not equalled but 91° at Kew on the 12th and 13th was slightly higher than any other July reading at that observatory.

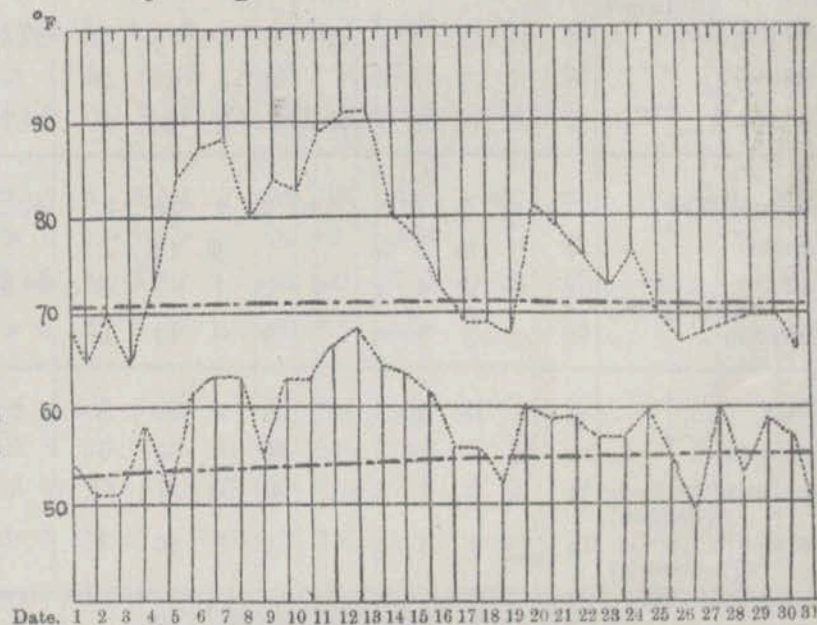
Towards the end of the first week, thunderstorms developed in the West and were of daily occurrence in some part or other of our islands throughout the following week. On the 8th, considerable damage was done by floods associated with a severe storm at Carrbridge, Inverness, while on the night of the 9th - 10th London and neighbouring counties were visited by a storm which persisted for many hours and yielded over 40mm. of rain in the metropolis. Kew measured as much as 52mm., Camden Square 53mm., and Hampstead 65mm., a record value for the last station. Among the heavy falls in other places may be mentioned 38mm. at Birmingham (Edgbaston) on the 14th, and 34mm. at Wye on the 13th when there was a rapid drop in temperature of 18° in minutes.

During this spell of hot weather, the nights were remarkably warm: from the 6th - 16th temperature only once fell below 60° at Kew and remained as high as 68° throughout the night of the 12th - 13th. After the middle of the month depressions from the Atlantic spread further south across the British Isles causing cooler, cloudier weather with much rain and occasionally strong westerly winds on exposed parts of the coast.

Daily Rainfall at KEW Observatory.



Daily Range of Temperature at KEW Observatory.



MEAN VALUES FOR THE MONTH.*

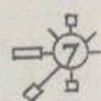
	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Stornoway	mb. 1009.1	mb. -3.1	°F 55.4	°F +0.8
Valencia	1015.7	-0.4	59.8	+0.9
Kew	1016.2	+0.4	67.1	+4.4

* Pressure — mean for the 24 hours.

Temperature — mean of Max. and Min.

WIND FREQUENCIES AT 7h.

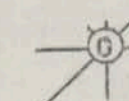
Stornoway



Valencia



Kew



Forces 1-3 — ; forces 4-7 — ; force 8 or above —. Scale: 10mm. to 10 observations.

The figure in the centre of the circle gives the number of calms

RAIN

Equivalent Temperature	°C.
283°·6	10°
288°·0	15°
288°·6	15°·3
293°·0	20°
293°·6	20°·3
298°·0	25°
298°·6	25°·3
303°·0	30°

Stornoway
Aberdeen
Edinburgh
Renfrew (I)
Eskdalem
Dublin
(Phoenix)
Birr Castle
Valencia
(Cabin)
Tynemore
Holyhead
Liverpool
Nottingham
Cranwell
Gorleston
Rose-on-T
Benson
London
(Kent)
Croydon
Grain
Lympne
Southam
Falmouth
Ob

Station
Aberdeen
Benfrew ..
Eekdalemull
Valencia ..
Benson ..
London ..
(Kew Obs)
Falmouth

The diagram above, not in intervals, to show the terminations.

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

SHINE.

RAINFALL, HUMIDITY AND LOW CLOUD, JULY 1923.

Fixed limits.

18h.

Below 1,000 ft.

1,000-5,000 ft.

5,000-8,000 ft.

19 11 0

0 23 6

" " "

4 25 1

7 23 0

0 31 0

9 21 1

8 18 0

8 16 1

0 26 0

0 25 0

2 23 0

0 14 1

0 21 5

0 19 4

3 16 4

0 19 2

3 18 2

2 14 3

1 27 2

PNE.

20-45

m.p.h.

40-75

m.p.h.

Above

75 m.p.h.

for the period

Equivalents of Temperature.		Sunshine.										Rainfall.										Days with Thunder.	Days with Snow or Sleet.			
		Number of Days with duration.				Maximum Duration.		Number of days with amount.				Maximum fall in 24 hrs.		Total for past 12 months.				Difference from Average.		Total for Month.				Difference from Average.		
A°	F°	Nil.	0-1-3h.	3-1-6h.	6-1-9h.	Above 9h.	Hours.	Days.	Total for past 12 months.	Difference from average.	Total for Month.	Difference from average.	0, trace or 0-1 mm.	0-2-1 mm.	1-1-5 mm.	5-1-15 mm.	15-1-25 mm.	Above 25 mm.	mm.	Days.	Total for past 12 months.	Difference from Average.	Total for Month.	Difference from Average.	Days with Thunder.	Days with Snow or Sleet.
283.6	51								hours.	hours.	hours.	hours.								mm.		mm.	mm.	mm.		
288.0	59																									
288.6	60																									
293.0	68																									
293.6	69																									
298.0	77																									
298.6	78																									
303.0	86																									
Stornoway	...	4	11	8	3	5	14.0	28	1215	-44	140	-5	9	6	9	6	1	0	22	6	1135	-131	97	+20	3	0
Aberdeen	...	2	10	10	7	2	11.0	17	1104	-283	135	-24	14	7	8	1	1	0	16	10	771	+23	51	-20	4	0
Edinburgh	...	3	8	7	7	6	13.4	12	1312	*	173	*	17	5	7	2	0	0	15	31	407	*	53	*	1	0
(Inchkeith)	...	4	7	8	10	2	14.9	13	1065	*	137	*	9	3	13	6	0	0	13	22	803	*	85	*	3	0
Renfrew	...	4	9	11	3	4	12.3	12	1109	*	130	*	6	7	7	9	2	0	21	22	1247	*	137	*	2	0
Eskdalemuir	...																									
Dublin	...	2	12	2	10	5	14.8	12	1282	-225	160	-10	14	6	6	3	2	0	24	27	683	-22	89	+21	3	0
(Phoenix Park)	...	2	14	5	6	4	13.9	13	*	*	133	-11	9	10	8	4	0	0	11	22	789	-40	72	-3	0	0
Birr Castle	...	3	15	2	7	4	14.9	13	1157	-268	125	-34	10	8	6	7	0	0	14	30	*	*	92	-4	0	0
Valencia	...																									
(Cahiriveen)	...																									
Tynemouth	...	*	*	*	*	*	*	*	*	*	*	*	16	7	5	3	0	0	12	10	613	-8	53	-8	3	0
Holyhead	...	5	7	6	6	7	14.4	12	1407	*	166	*	13	5	7	6	0	0	13	27	752	-136	75	+9	5	0
Liverpool	...	2	9	8	7	5	13.4	12	1277	*	158	*	15	4	8	3	1	0	17	27	605	-104	74	+8	2	0
(Bidston)	...	3	10	6	5	7	14.0	9	961	-364	157	-20	16	5	3	4	2	1	26	9	647	+75	103	+42	5	0
Nottingham	...	1	7	5	8	10	14.3	9	1426	*	217	*	20	1	6	1	2	1	27	31	633	*	92	*	4	0
Cranwell	...	0	4	13	2	12	14.4	6	1584	*	232	*	22	3	4	2	0	0	15	31	518	-104	40	-19	1	0
Gorleston	...																									
Rose-on-Wye	...	2	9	4	6	10	14.1	20	1278	*	187	*	19	4	5	2	0	1	34	13	671	-47	70	+13	26	0
Benson	...	*	*	*	*	*	*	*	*	*	*	*	19	5	6	1	0	0	8	31	584	*	24	*	2	0
London	...	0	6	8	6	11	14.1	11	1245	-230	232	+31	19	3	5	3	0	1	52	9	557	-49	83	+28	2	0
(Kew Obsy.)	...	0	6	4	10	11	14.4	11	1295	*	249	*	19	6	3	2	0	1	40	9	664	*	65	*	2	0
Croydon	...																									
Grain	...	0	7	2	7	15	14.2	6	1449	*	259	*	22	3	6	0	0	0	5	31	457	*	19	*	1	0
Lympne	...	1	3	6	4	17	14.7	6	1590	*	274	*	20	3	7	1	0	0	6	28	701	*	22	*	4	0
Southampton	...	0	8	5	5	13	14.4	13	1535	*	225	*	23	4	3	1	0	0	6	28	545	*	17	*	1	0
(Calshot)	...	0	12	4	8	7	11.1	5	1529	-230	169	-56	24	0	5	2	0	0	7	15	1090	-17	25	-47	1	0
Falmouth	...																									
Observatory	...																									

MINIMUM SURFACE HUMIDITY.

No. of Days with Minima between Fixed Limits.

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

STATE OF GROUND AT 13 h.

No. of Days each type was recorded.

Station.	0	1	2	3	4	5	6	7	8	9
Aberdeen ...	24	7	0	0	0	0	0	0	0	0
Renfrew ...	15	8	8	0	0	0	0	0	0	0
Eskdalemuir ...	13	15	3	0	0	0	0	0	0	0
Valencia ...	15	15	0	0	0	1	0	0	0	0
Benson ...	28	3	0	0	0	0	0	0	0	0
London ...	23	8	0	0	0	0	0	0	0	0
(Kew Obsy.) ...	23	8	0	0	0	0	0	0	0	0
Falmouth ...	28	3	0	0	0	0	0	0	0	0

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

NOTES ON CHART OF ISOPLETHS (p. 4).

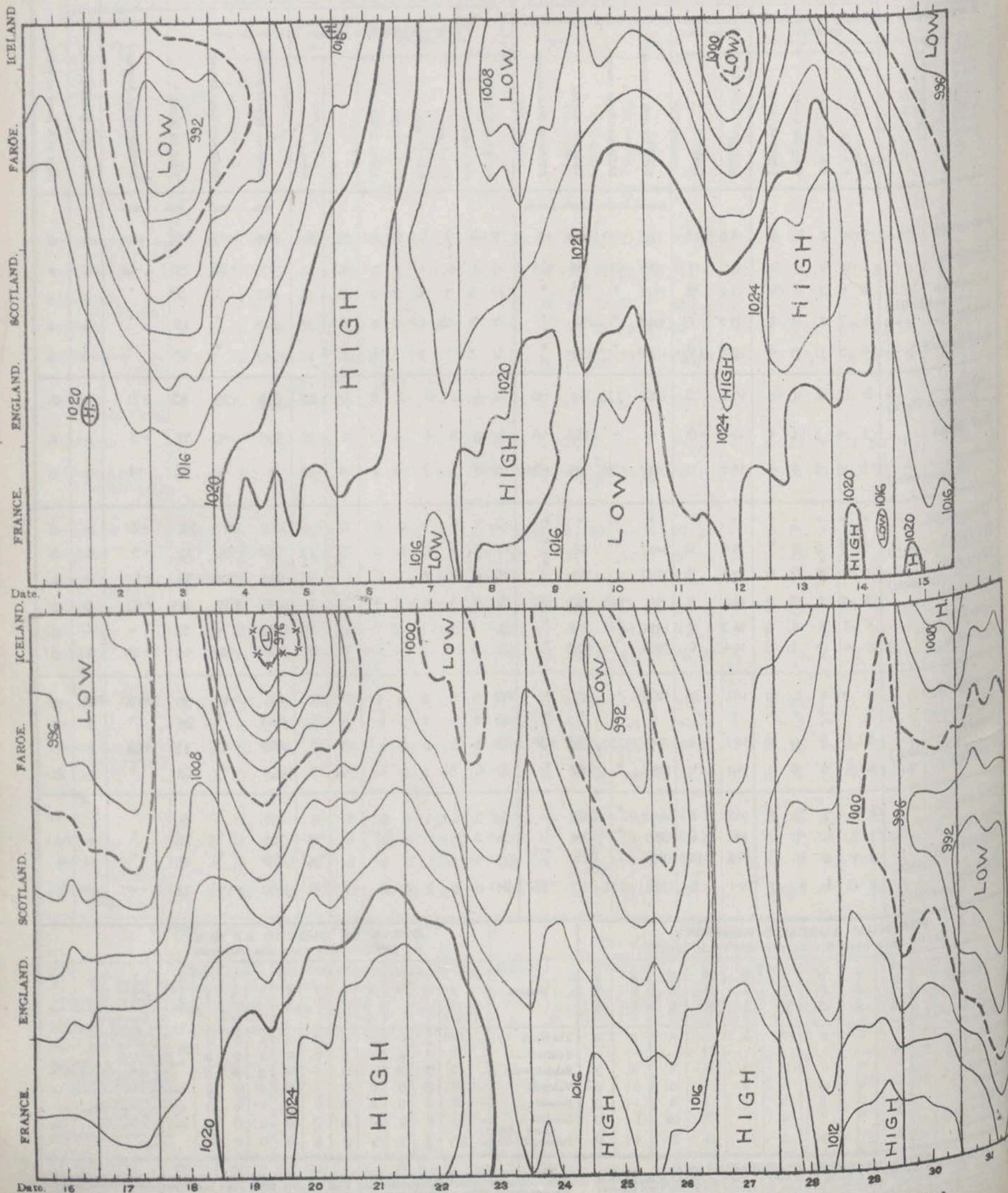
The diagram is obtained by drawing a line from Akureyri in Iceland to the South of France, near Marseilles. The points at which the isobars drawn for 4 mb pressure intervals intersect this line at 1h, 7h, 13h, and 19h are plotted consecutively and joined to show the variation of pressure from day to day at any point in the line. The line terminates at Lat. 80° N. Long. 12° W. in the north, at Lat. 44° N. Long. 3° E. in the south.

* Based in part on reports made by telegraph in which the daily falls are rounded off to the nearest whole millimetre. Small discrepancies may arise between these totals and those given in the Monthly Weather Report which are based on readings taken to 0.1 mm.

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

PRESSURE: ICELAND TO GULF OF LIONS JULY, 1923.

ISOPLETHS* BASED ON SIX-HOURLY OBSERVATIONS.



* For explanation see page 3. ——— = 1,020 mb. - - - - - = 1,000 mb.

X—X—X—X—X = 980 mb.

o—o—o—o—o = 960 mb.

Report for	Station
1st	London
2nd	Cardiff
3rd	Croydon
4th	Blackpool
5th	Cardiff
6th	Scilly
7th	Andover
8th	Swansea
9th	Reading
10th	St. John
11th	Croydon
12th	London
13th	Plymouth
14th	Croydon
15th	Blackpool
16th	Scilly
17th	Dalmeny
18th	Westm.
19th	Cardiff
20th	Cardiff
21st	Weymouth
22nd	Leuch.
23rd	Holyhead
24th	Grain
25th	Scilly
26th	Dunbar
27th	Grain
28th	Cardiff
29th	Holyhead
30th	St. John
31st	London
1st	Cardiff
2nd	Plymouth
3rd	Cardiff
4th	Cardiff
5th	Blackpool
6th	Cardiff
7th	Cardiff
8th	Cardiff
9th	Cardiff
10th	Cardiff
11th	Cardiff
12th	Cardiff
13th	Cardiff
14th	Cardiff
15th	Cardiff
16th	Cardiff
17th	Cardiff
18th	Cardiff
19th	Cardiff
20th	Cardiff
21st	Cardiff
22nd	Cardiff
23rd	Cardiff
24th	Cardiff
25th	Cardiff
26th	Cardiff
27th	Cardiff
28th	Cardiff
29th	Cardiff
30th	Cardiff
31st	Cardiff

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

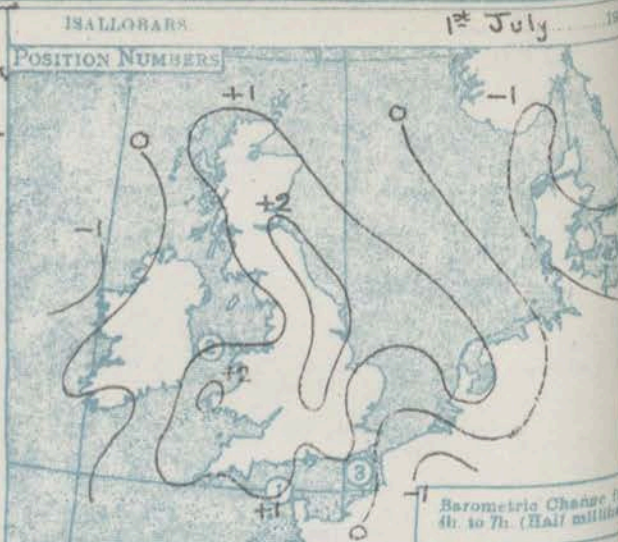
No. B.22501

Sunday, 1st July, 1923.

Page 1.

Hours.		Observations at 1800 G.M.T. 30 June															Observations at 1800 G.M.T. 30 June																								
Max.	Min.	STATIONS.		Barom. at M.S.L.	Change in 3 Hours.	Wind.	Weather.	Temp.	Humidity.	Visibility.	Cloud.					Barom. at M.S.L.	Change in 3 Hours.	Wind.	Weather.	Temp.	Humidity.	Visibility.	Cloud.					Barom. at M.S.L.	Change in 3 Hours.	Wind.	Weather.	Temp.	Humidity.	Visibility.	Cloud.						
				m.b.		Dir.	Force	°F.	%	0-4	Height	Form	Am.	Upper	Total			Dir.	Force	°F.	%	0-4	Height	Form	Am.	Upper	Total			Dir.	Force	°F.	%	0-4	Height	Form	Am.	Upper	Total		
						0-12					Feet	0-10		0-10				0-12					Feet	0-10		0-10				0-12					Feet	0-10		0-10			
75	63	Lerwick	...	1012.9	0	NW	1	55	75	7	4000	Cu	9	-	9	1012.0	+1	ENE	1	51	85	7	4000	Cu	7	10	9	0	0	ENE	1	51	85	7	4000	Cu	7	10	9	0	0
79	59	Stornoway	...	1016.0	0	NW	1	53	85	7	450	St	10	-	10	1016.0	0	NW	1	53	85	7	450	St	10	-	10	0	0	NW	1	53	85	7	450	St	10	-	10	0	0
77	63	Wick	...	1015.7	-1	NW	2	54	85	8	2500	Cu	6	9	9	1014.1	0	NW	2	54	85	8	2500	Cu	6	9	9	0	0	NW	2	54	85	8	2500	Cu	6	9	9	0	0
77	57	Castlebay	...	1016.3	0	NW	4	53	92	7	1500	St	10	-	10	1018.3	0	NW	4	53	85	8	2500	St	9	-	9	3	0	NW	4	53	85	8	2500	St	9	-	9	3	0
79	61	Nairn	...	1015.4	-1	NW	3	57	65	8	2500	St	9	-	9	1015.7	0	NW	3	57	65	8	2500	St	9	-	9	0	0	NW	3	57	65	8	2500	St	9	-	9	0	0
79	61	Aberdeen	...	1015.4	-1	NW	3	57	65	8	2500	St	9	-	9	1015.0	0	NW	3	57	65	8	2500	St	9	-	9	0	0	NW	3	57	65	8	2500	St	9	-	9	0	0
76	71	Malin Head	...	1019.7	0	WNW	5	53	97	8	5700	Cu	6	-	6	1019.3	0	WNW	4	52	92	8	5700	Nb	5	10	8	1	0	WNW	4	52	92	8	5700	Nb	5	10	8	1	0
77	71	Rearfrew	...	1017.6	0	NW	3	55	75	8	1500	St	9	-	9	1017.9	-1	W	3	56	75	8	2500	St	9	-	9	0	0	W	3	56	75	8	2500	St	9	-	9	0	0
80	67	Edinburgh (Inchkeith)	...	1015.6	0	W	3	56	75	8	4000	St	9	-	9	1014.5	-1	W	3	58	65	8	4000	St	9	-	9	0	0	W	3	58	65	8	4000	St	9	-	9	0	0
80	72	Leuchars	...	1015.1	0	NW	3	60	55	8	4000	St	9	-	9	1014.4	-1	W	3	60	65	8	4000	St	9	-	9	0	0	W	3	60	65	8	4000	St	9	-	9	0	0
88	72	Baldernair	...	1017.3	0	W	3	53	75	8	2500	St	9	-	9	1016.9	0	W	4	52	75	7	2500	St	9	-	9	0	0	W	4	52	75	7	2500	St	9	-	9	0	0
88	72	Tysemouth	...	1015.6	-2	W	1	61	75	6	1500	Cu	7	-	7	1015.9	+1	W	1	61	75	6	1500	Cu	7	-	7	0	0	W	1	61	75	6	1500	Cu	7	-	7	0	0
91	63	Blackod Point	...	1022.8	0	WNW	3	57	85	9	-	-	9	-	9	1022.5	0	WNW	4	55	85	8	-	-	10	-	10	0	0	WNW	4	55	85	8	-	-	10	-	10	0	0
91	70	Donaghadee	...	1019.9	0	N	2	55	75	8	2500	St	9	-	9	1019.2	0	N	2	54	85	8	2500	Cu	8	-	8	2	0	N	2	54	85	8	2500	Cu	8	-	8	2	0
91	70	Birr Castle	...	1022.0	0	W	2	64	75	7	4000	St	9	-	9	1021.2	-1	NW	1	60	75	7	4000	St	9	-	9	0	0	NW	1	60	75	7	4000	St	9	-	9	0	0
91	70	Holyhead	...	1020.7	-1	SW	4	55	92	7	800	Nb	10	-	10	1019.9	-1	W	4	55	92	7	800	Nb	10	-	10	0	0	W	4	55	92	7	800	Nb	10	-	10	0	0
91	70	Liverpool (Bidston)	...	1019.4	-1	W	5	55	85	6	1500	Cu	10	-	10	1019.0	-1	NW	3	54	75	8	2500	St	8	-	8	3	0	NW	3	54	75	8	2500	St	8	-	8	3	0
91	70	Chester (Shotwick)	...	1020.0	-1	WNW	4	58	85	7	1500	St	10	-	10	1019.2	-1	WNW	4	56	85	7	1500	St	10	-	10	0	0	WNW	4	56	85	7	1500	St	10	-	10	0	0
91	70	Spurn Head	...	1017.5	-3	W	3	61	85	8	-	-	0	10	7	1016.4	-1	W	5	60	75	7	-	-	0	10	7	3	0	W	5	60	75	7	-	-	0	10	7	3	0
91	70	Birmingham (Edgbaston)	...	1019.5	-1	NW	3	61	75	6	4000	St	9	-	9	1019.0	-1	WNW	4	58	75	8	4000	St	9	-	9	0	0	WNW	4	58	75	8	4000	St	9	-	9	0	0
91	70	Nottingham	...	1018.5	-1	W	4	60	75	8	2500	Nb	8	10	10	1018.1	0	W	4	58	85	7	1500	Cu	3	-	3	0	0	W	4	58	85	7	1500	Cu	3	-	3	0	0
91	70	Cranwell	...	1018.7	-2	W'S	4	64	75	6	2500	St	7	10	10	1018.2	0	W	4	59	85	8	2500	St	9	-	9	0	0	W	4	59	85	8	2500	St	9	-	9	0	0
91	70	Garlestone	...	1018.5	-1	WNW	2	61	65	7	5700	St	10	-	10	1017.0	-1	W	4	59	85	5	5700	St	10	-	10	0	0	W	4	59	85	5	5700	St	10	-	10	0	0
91	70	Valencia (Cahiroiveen)	...	1024.6	-1	W'N	3	56	97	7	450	St	10	-	10	1023.8	-1	W'N	3	58	85	8	1500	St	10	-	10	0	0	W'N	3	58	85	8	1500	St	10	-	10	0	0
91	70	Roches Point	...	1022.9	-1	NW	2	63	85	8	2500	St	10	-	10	1021.5	-1	W'N	3	60	97	8	1500	Cu	2	10	8	0	0	W'N	3	60	97	8	1500	Cu	2	10	8	0	0
91	70	Pembroke (St. Ann's H.)	...	1022.5	-1	WNW	2	63	85	8	4000	St	10	-	10	1021.1	-2	W	2	60	92	8	4000	St	10	-	10	3	0	W	2	60	92	8	4000	St	10	-	10	3	0
91	70	Sam-on-Wye	...	1019.9	-2	NW	3	64	85	9	4000	Cu	3	10	10	1019.4	-1	WNW	3	61	65	8	4000	Cu	3	10	6	0	0	WNW	3	61	65	8	4000	Cu	3	10	6	0	0
91	70	Ream	...	1018.8	-2	WNW	3	69	65	7	-	St	10	-	10	1018.6	-1	NW	2	63	75	8	-	-	4	10	0	0	NW	2	63	75	8	-	-	4	10	0	0		
91	70	Andover	...	1019.8	-2	WNW	2	65	65	7	7200	St	5	10	10																										

SUMMARY FOR THE PAST 24 HOURS.														Sun. 30. Nov.
STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.				Hour.		
	7h-12h. 30	12h-18h. 30	18h-30h. to 1h. 30	1h-7h. 12	MAX. Day. 7h-12h.	MIN. Night. 12h-7h.	MIN. on GRASS.	Day. 7h-12h. ins.	Night. 12h-7h. ins.	Precipitation began.	Precipitation began.			
Lerwick ...	oo	oo	oo	oo	56	48	.	-	0.4	-	42100	3.3		
Stornoway ...	P	P	Tord	oo	55	47	.	2	1	-	-	1.0		
Wick ...	op	oo	dodm	Tord	56	45	.	1	1	40800	2400	.		
Castlebay ...	To. op	lpo	o	op. o	54	49	.	0.5	0.5	-	-	2.1		
Nairn ...	cp	cg	cg	cg	59	50	.	0.1	-	1230	-	0.4		
Aberdeen ...	c. o. c	oRR	c. o. r.	colis	58	49	47	4	0.6	1100	42100	1.7		
Malin Head ...	C. o. v. r	p. c. o. v	p. c. o. v	c. o. m. d	55	49	.	Trace	0.5	1100	42100	2.1		
Renfrew ...	c. o	oo	oo	oo	61	50	48	-	-	-	-	2.2		
Edinburgh (Inchkeith) ...	oo	c	c	oo	58	49	48	-	-	-	-	3.8		
Leuchars ...	op. r. c. o	oo	oo	oo	63	50	43	Trace	-	40800	-	4.4		
Rakdalenmair ...	ed. a. c. o	c. c	c. oo	oo	57	50	40	1	-	40800	-	1.7		
Tynemouth ...	c	c	oo	oo	63	51	48	-	-	-	-	.		
Blackod Point ...	c	oo. bc.	c	c	58	49	.	-	-	-	-	.		
Donaghadee ...	op	oo	od	o	58	49	.	1	-	40800	-	.		
Birr Castle ...	c. o.	c. o	c. o	c. o	65	51	50	-	-	-	-	4.2		
Holyhead ...	oo. r.	o. r. o	oo	o. o. v	60	51	50	Trace	-	1330	-	0.2		
Liverpool (Bidston) ...	oo	oo	oo	oo	!	50	50	Trace	-	1430	-	0.0		
Chester (Shotwick) ...	oo	oo. p. r.	oo	oo	60	52	50	Trace	-	1530	-	0.2		
Spurn Head ...	c	c	c	c	62	52	.	-	-	-	-	3.3		
Birmingham (Edgbaston) ...	om	c. c. 2	od.	od.	62	50	49	-	-	-	-	0.6		
Nottingham ...	oo	c.	bc	c	63	52	48	-	-	-	-	1.0		
Cranwell ...	o. 2	c. c. o	bc. om	oo	65	57	43	-	-	-	-	2.6		
Gorleston ...	oo	om	c. c. bc. b	oo	61	49	43	-	-	-	-	0.5		
Valencia (Cahirciveen) ...	o. d. m	o. d. m. c	c	bc. c. o	59	50	43	Trace	-	1100	-	2.9		
Roches Point ...	oo	op. c	c. b	b. bc. c	65	51	48	Trace	-	1730	-	.		
Pembroke (St. Ann's H.) ...	c	oo	c. c. bc. b	c. o. m	58	49	.	-	-	-	-	1.6		
Ross-on-Wye ...	c. c. o. v	o. y. c	c. bc. c. o	oo	64	53	52	-	-	-	-	2.6		
Benson ...	bc. a	oo	oo	om. r	70	51	43	-	0.6	-	0130	.		
Andover ...	c. m. o	oo	c. c. bc	c. o. o. r.	68	50	49	-	0.2	-	0330	5.7		
S. Farnborough ...	c. o. y	o. y. o	o. r.	o. c. d.	72	49	43	-	0.2	-	42100	6.5		
London (Kew Obey) ...	bc. o. y	o. y. o. p. o	bc. o. a. b	bc. o	68	54	48	-	-	-	-	5.5		
Croydon ...	c. o. y. o	o. y. o	c. c	o. r.	70	53	47	-	Trace	-	0630	5.7		
Glaughton-on-Sea ...	bc. o. c	c. c. o	c. c. bc	bc. c. o	67	51	46	-	-	-	-	3.8		
Shoeburyness ...	bc. o. c	oo	o	o	69	53	52	-	-	-	-	2.6		
Grain ...	bc. o. y	o. y. o	oo	oo	68	54	52	0.1	-	1730	-	3.2		
Lympe ...	c. o. m	o. 2	o. r.	om	69	50	45	-	Trace	-	42100	6.6		
Seilly (St. Mary's) ...	bc. c	c.	c	c	62	53	.	-	-	-	-	2.8		
Falmouth (Pendennis) ...	bc. c	c. bc	bc	bc	64	52	.	-	-	-	-	6.4		
Plymouth (Cattewater) ...	bc. o	oo	c. bc	bc	67	55	48	-	-	-	-	8.9		
Portland Bill ...	bc. o. bc	bc. bc	c	c	63	57	.	-	-	-	-	.		
Southampton (Calshot) ...	c	o.	op. c.	c	69	53	52	-	Trace	-	2200	7.6		
Dungeness ...	oo	oo	oo	oo	63	53	.	-	-	-	-	.		
Jersey ...	bc.	bc.	bc.	bc.	65	53	.	-	-	-	-	10.8		



Observations from Cross Channel Steamers.					
Position	Date and Time	Steamship	Wind.		Temp.
			Dir.	Force	
1	1000	Campan	W	3	58
2	1100	Diaphe	W	1	57

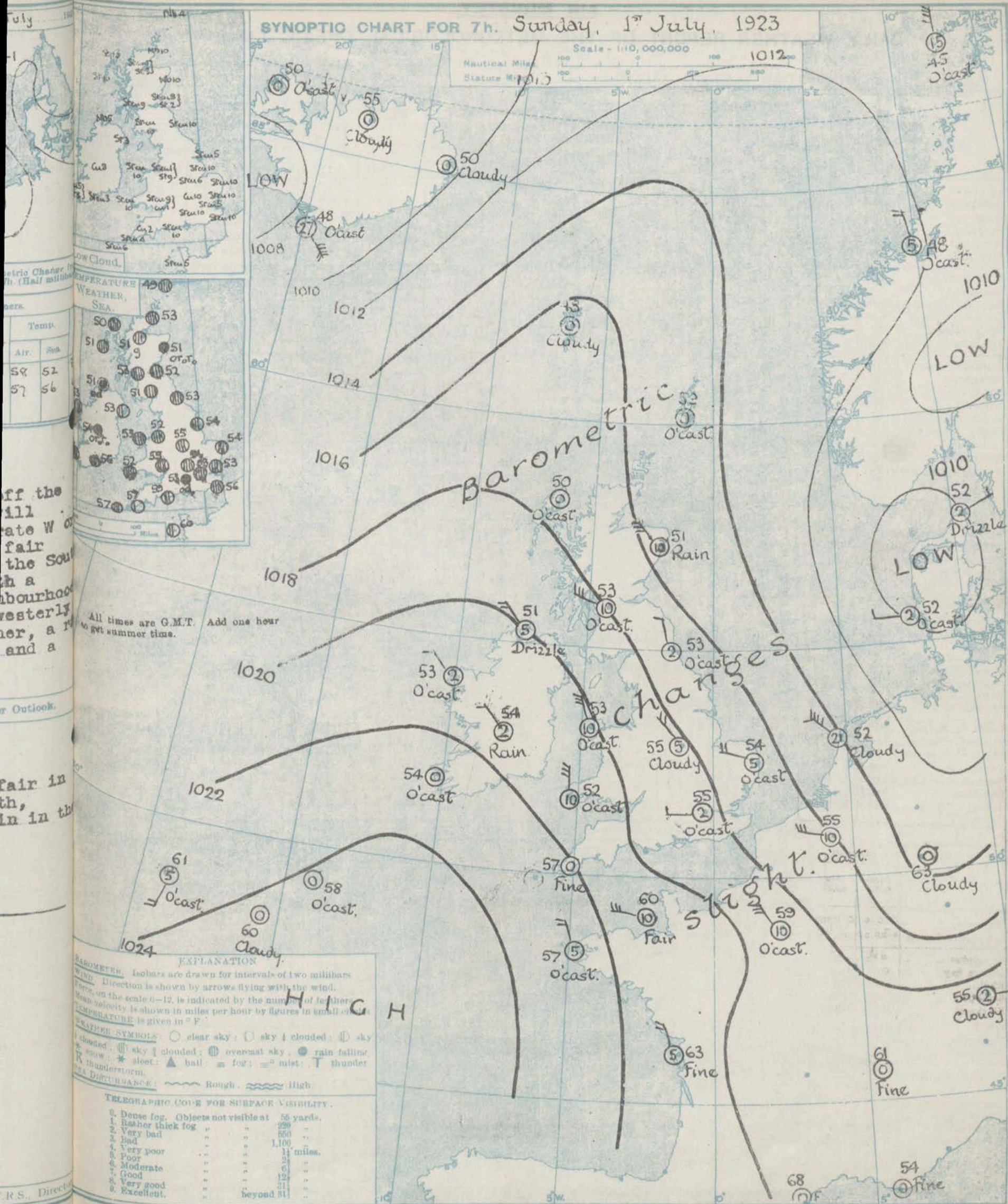
GENERAL INFERENCE.

The anticyclone off the South West of Ireland will maintain light or moderate W or N.W. winds with mainly fair rather warm weather in the South and East. In the North a depression in the neighbourhood of Iceland will cause westerly winds with cloudy weather, a rain of slight rain locally and a moderate temperature.

Districts.	Forecasts for the 24 hours commencing 15h. GMT.	Further Outlook.
1. S.E. England	Wind W or N.W. light or moderate; mainly fair, cloudy at times, visibility moderate or good; rather warm.	Mainly fair in the South, uncertain in the North.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales	Wind W or N.W. light or moderate; cloudy, fairer periods, visibility moderate or good; moderate temperature.	
7. North Wales		
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. E. Scotland	Wind W or N.W. light or moderate; cloudy, local drizzle, visibility moderate or good; rather warm.	
12. S.W. Scotland		
13. Isle of Man		
14. N. & N.W. Scotland		
15. Hebrides		
16. Orkneys and Shetlands	Winds westerly light backing S.W. later and freshening somewhat, much cloud, probably some rain or showers; mist locally; moderate temperature.	
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		

SYNOPTIC CHART FOR 7h. Sunday, 1st July, 1923

Scale - 1:10,000,000
Nautical Miles 100 200 300
Statute Miles 100 200 300



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

EXPLANATION
Isobars are drawn for intervals of two millibars.
Wind Direction is shown by arrows flying with the wind.
Force, on the scale 0-12, is indicated by the number of feathers.
Mean velocity is shown in miles per hour by figures in small circles.
TEMPERATURE is given in ° F.
WEATHER SYMBOLS: ○ clear sky; □ sky & clouded; ⊙ sky & clouded; ⊕ sky & clouded; ⊖ overcast sky; ● rain falling; * snow; ▲ sleet; △ fog; ⊖ mist; T thunder.
SEA DISTURBANCE: ~~~~~ Rough; ~~~~~ High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

0. Dense fog. Objects not visible at	55 yards.
1. Rather thick fog	250 "
2. Very bad	500 "
3. Bad	1,000 "
4. Very poor	1 1/2 miles.
5. Poor	2 1/2 "
6. Moderate	3 1/2 "
7. Good	12 "
8. Very good	31 "
9. Excellent.	beyond 31 "

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 1.

BRITISH SECTION Sunday, 1st July, 1923. No. 182

STATIONS.	Observations at 0100 G.M.T.														Observations at 0700 G.M.T.													
	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. Miles.	Cloud.					Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. Miles.	Cloud.						
			Direc.	Force					Height Feet	Low.		Upper Form.	Total Amt.			Sea.	Direc.					Force	Height Feet	Low.		Upper Form.	Total Amt.	Sea.
										0-10	0-10													0-10	0-10			
Lerwick ...	1014.5	+2	-	0	0	50	85	6	-	-	0	ASr	10	-	1016.2	0	-	0	49	85	7	4000	Nb	4	ACu	9	0	
Stormoway ...	1017.5	+2	NW	2	dd			4							1017.2	+1	-	0	50	92	7	450	St	10	-	10	0	
Wick ...	1015.4	0	-	0	dd	48	97	1	450	St	10	-	10	-	1015.7	+1	NE	1	50	92	7	2500	Nb	10	-	10	2	
Castlebay ...															1018.9	0	WNW	3	51	85	8	1500	St	10	-	10	0	
Nairn ...															1017.1		-	0	51	85	8	1500	StCu	7	-	7	0	
Aberdeen ...															1017.1	+1	NW	3	51	85	7	1500	Nb	10	-	10	0	
Malin Head ...	1019.8	0	NW	4	0	51	92	8	5700	Cu	9	-	9	-	1019.9	0	NW	2	51	97	8	5700	Nb	5	ACu	9	1	
Renfrew ...															1018.5	+1	WNW	3	53	85	8	1500	StCu	9	-	9	2	
Edinburgh (Inchkeith) ...	1016.7	+3	W	3	0+	51	85	8	-	StCu	8	ASr	10	-	1017.4	+2	WSW	3	52	85	8	-	StCu	10	ACu	10	2	
Leuchars ...															1016.8	+1	WNW	3	54	75	8	-	-	0	ACu	10	0	
Esksdalemuir ...															1018.2	+1	WNW	3	51	75	8	2500	StCu	10	-	10	0	
Tynemouth ...	1016.2	0	W	1	0	52	85	6	4000	StCu	10	-	10	-	1017.9	+2	NNW	1	53	85	7	4000	StCu	10	-	10	0	
Blackad Point ...															1021.6	-1	NW	1	53	92	6	-	-	10	-	10	0	
Donaghadee ...															1020.0	0	NNW	1	53	75	8	2500	St	3	ACu	6	2	
Birr Castle ...															1021.2		NW	5	54	85	7	2500	Cu	9	-	9	0	
Holyhead ...	1020.0	0	NNW	4	0	54	92	8	4000	StCu	10	-	10	-	1020.5	+1	NNW	3	53	85	9	4000	StCu	10	-	10	0	
Liverpool (Bidston) ...															1019.2	+1	WNW	4	52	85	8	2500	Cu	10	-	10	4	
Chester (Shotwick) ...															1019.4	+1	WNW	5	53	85	8	1500	St	10	-	10		
Spurn Head ...	1016.8	+2	WNW	4	0	55	92	7	4000	StCu	9	-	9	-	1017.6	+2	NW	4	54	85	7	-	StCu	5	ACu	3	3	
Birmingham (Edgbaston) ...															1019.3	+1	NW	3	52	85	6	4000	StCu	10	-	10		
Nottingham ...															1018.2	+1	NW	2	55	85	7	2500	StCu	6	ACu	7		
Cranwell ...	1018.6	0	WNW	3	0	51	85	6	4000	St	10	-	10	-	1018.5	0	WNW	3	53	85	7	4000	StCu	10	-	10	0	
Gorleston ...	1017.3	0	NW	1	0	54	85	7	-	-	0	-	0	-	1017.6	0	NNW	2	54	75	6	4000	StCu	10	-	10		
Valencia (Cahirciveen) ...	1024.6	+1	-	0	0	53	97	9	-	-	0	ACu	8	-	1023.5	0	-	0	54	85	7	1500	StCu	10	-	10	0	
Roche's Point ...															1022.7	0	NNW	1	56	92	8	2500	StCu	3	ACu	7	3	
Pembroke (St. Ann's IL) ...															1021.5	+2	N	3	53	85	9	4000	StCu	10	-	10		
Rose-on-Wye ...															1019.5	+1	NNW	2	55	75	8	4000	StCu	10	-	10		
Benson ...															1019.0	+1	NW	1	54	85	7	-	Cu	10	-	10		
Andover ...															1019.4	0	N'E	3	53	92	7	2500	StCu	9	ASr	10		
S. Farnborough ...															1018.9	+1	NNW	2	53	92	8	1500	StCu	10	-	10		
London (Kew Obs.) ...						58									1019.4	+2	W	1	55	75	7	2500	StCu	10	-	10		
Croydon ...	1018.7	+1	-	0	0+	54	85	7	4000	StCu	10	-	10	-	1019.0	+1	NNW	1	54	85	7	4000	StCu	8	ASr	10		
Clacton-on-Sea ...															1016.9	0	WNW	3	53	85	6	5700	StCu	10	-	10	0	
Shoeburyness ...															1018.3	0	NW	2	55	65	7	5700	StCu	5	ASr	10	0	
Grain ...															1018.5	+1	NW	3	55	75	7	7200	StCu	10	-	10		
Lympne ...	1018.0	+1	N	3	0/T	55	92	6	4000	StCu	10	-	10	-	1018.1	+1	N	4	55	75	6	4000	StCu	10	-	10		
Scilly (St. Mary's) ...	1023.2	-1	NW	2	0	55	97	8	4000	StCu	8	-	8	-	1023.5	+1	-	0	57	85	8	4000	StCu	8	-	8	0	
Falmouth (Pendennis) ...	1022.7	-1	NW	3	bc	56	92	8	5700	StCu	6	-	6	-	1022.0	0	-	0	57	92	8	5700	Cu	2	-	2	0	
Plymouth (Oatthewater) ...															1021.1	+1	N	2	58	75	8	2500	StCu	4	Cu	5	1	
Portland Bill ...	1019.6	0	NW	3	bc	56	92	7	7200	StCu	8	-	8	-	1019.6	-2	NW	3	59	75	7	-	-	0	ACu	8	0	
Southampton (On. shot) ...	1019.4	0	WNW	2	bc	55	92	8	-	-	0	ACu	4	-	1019.4	0	WNW	2	57	92	8	2500	StCu	10	-	10	2	
Dungeness ...	1017.9	0	N	1	bc	57	85	7	-	-	0	ACu	7	-	1018.3	+1	-	0	56	85	7	4000	StCu	10	-	10	3	
Jersey Th. ...	1022.4	0	NW	2	0	54	92	5	7200	StCu	3	ACu	10	-	1020.5	0	WNW	3	60	85	8	4000	StCu	5	-	5		
Guernsey Th. ...																												

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.	
	Fore-noon.	After-noon.	Min. Night. 29-30	Max. Day. 20	Night 17h-9h. 29-30	Day 9h-17h. 30	Sunrise to 17h. 30	Sunrise to Sunset. 29		Fore-noon.	After-noon.	Min. Night. 29-30	Max. Day. 30	Night 17h-9h. 29-30	Day 9h-17h. 30	Sunrise to 17h. 30	Sunrise to Sunset. 29
Montrose ...	c.o.c	c.opm	50	55	1	1	0.8	6.3	Ilfracombe ...	b-bc	bc.c.o	52	59	-	-	4.2	13.0
Berwick-on-Tweed ...	b-bc	bc.c	50	60	0.4	0.1	1.4	8.2	Bude ...	w.b.c	c.c.o	52	62	-	-	1.6	12.4
Llandudno ...	od	od	51	57	-	1	0.0	9.0	Penzance ...	bc	c	51	64	-	-	?	?
Colwyn Bay ...	c	cr	51	58	-	0.1	0.0	11.4	Palngton ...	bc	bc.c.o	50	73	-	-	10.3	14.9
Rhyl... ..	o.	op	53	58	-	-	1.8	8.8	Torquay ...	bc	bc.c	52	70	-	-	9.3	15.0
Southport ...	c.o.c.	bc	53	58	-	-	1.8	8.8	Weymouth ...	bc	bc.c	51	70	-	-	10.3	13.9
Blackpool ...	c.o.c.	bc	52	60	-	0.1	2.4	5.2									
Ilkley ...	cbcc	b	48	63	-	-	4.3	9.1									
Harrogate ...	c	c	47	69	-	-	2.5	9.7	Bournemouth ...	b.	bc	50	73	-	-	9.4	13.3
Shrewsbury ...	c	c	46	65	-	-	0.8	6.9	Portsmouth (S. thence) ...	b	bc.c	55	71	-	-	8.3	14.4
									Worthing ...	b	bc	51	61	-	-	8.0	14.4
Aberystwyth ...	c.c	c	42	58	-	-	0.0	14.5	Brighton ...	b.	bc	53	68	-	-	8.7	15.3
Bath ...	b-bc	c.c.c	49	63	-	-	5.2	13.4	Eastbourne ...	bc	bc.c	56	65	-	-	9.2	12.5
Leamington Spa ...	c-b	c.c.c	45	65	-	-	0.4	11.2									
Lowestoft ...	c	c	49	66	-	-	0.5	6.7	Hastings ...	bc.b	bc.c	54	67	-	-	11.7	10.7
Felixstowe ...	c.c.c	c.c.c	53	66	-	-	3.0	11.8	Folkestone ...	f	bc	52	68	-	-	5.7	12.3
Southend ...	c-bc	c	51	67	-	-	3.4	12.6	Tunbridge Wells ...	bc.b	bc.c	46	75	-	-	9.0	13.5
									Ramsgate ...	bc.b	bc.c	50	64	-	-	6.2	13.0
									Margate ...	c.c.	c.c	52	65	-	-	2.6	13.0
									Deal ...	c	c	52	69	-	-	5.5	13.7

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AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.23502

Monday, 2nd July, 1923.

Page 1.

STATIONS.	Observations at 1500 G.M.T.														Observations at 1800 G.M.T.													
	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. of.	Humidity. %	Visibility. 0-8	Cloud.				Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. of.	Humidity. %	Visibility. 0-8	Cloud.							
			Dir.	Force					Height	Form	Amt.	Dir.			Force	Height					Form	Amt.						
																							0-12	0-10	0-10	0-10	0-10	0-10
Lerwick	1015.0	0	S	1	o/p	51	85	7	4000	Nb	5	ASL	10	1015.0	-1	-	0	o/p	51	85	6	4000	Nb	2	ASL	10	0	
Stornoway	1017.2	0	WSW	1	o	55	85	7	450	Sc	10	-	10	1015.8	-2	SW	4	o/p	54	92	7	450	Sc	10	-	10	3	
Wick	1016.1	0	NW	1	o/r	51	85	8	4000	CuNb	10	-	10	1015.8	-1	NNW	1	o/r	54	75	8	2500	CuNb	5	Li	9	0	
Castellary	1018.1	0	SW	3	opr.	52	97	8	500	Nb	10	-	10	1016.3	-2	SE	3	opr.	52	97	5	1500	Nb	10	-	10	3	
Nairn	1017.6	0	-	0	o/r	53	85	7	1500	Nb	10	-	10	1016.0	-1	E	1	o	57	75	8	4000	Sc	8	-	8	0	
Aberdeen	1017.6	0	-	0	o/r	53	85	7	1500	Nb	10	-	10	1017.2	-1	SSE	1	o/r	52	92	7	1500	Nb	10	-	10	0	
Malin Head	1019.1	-1	W	2	o/r	55	92	8	4000	Cu	4	ASL	8	1017.1	-3	WSW	3	opr.	56	97	5	4000	Nb	4	ASL	10	0	
Renfrew	1018.2	-1	WNW	3	o/r	61	85	9	2500	ScCu	7	Li	9	1018.3	0	WSW	2	opr.	53	92	7	1500	Nb	5	ASL	10	0	
Edinburgh (Inchkeith)	1017.6	+1	WSW	2	o	57	75	8	-	ScCu	9	-	9	1016.4	-2	W	4	o	57	75	8	-	Sc	3	Li	8	3	
Loughs	1016.8	0	SSW	3	o	59	65	8	4000	ScCu	10	-	10	1015.9	-2	-	0	o	62	65	8	4000	ScCu	4	Li	8	0	
Baldernair	1018.2	0	WSW	3	o	55	65	7	2500	ScCu	10	-	10	1018.1	0	W	4	o	54	75	8	2500	ScCu	5	Li	9	0	
Tynemouth	1018.3	0	S	1	o	55	85	7	4000	ScCu	10	-	10	1018.5	0	-	0	o	54	85	7	2500	Sc	10	-	10	0	
Blackod Point	1019.8	-1	W	3	o	58	85	6	-	-	0	ASL	10	1018.2	-1	SSW	4	o	59	85	6	-	Sc	9	-	9	0	
Donaghadee	1020.1	0	-	0	o/r	55	75	8	2500	Cu	8	-	8	1019.2	0	SSE	1	o	53	92	8	2500	Sc	7	-	7	1	
Birr Castle	1020.2	0	W	1	o	60	75	7	4000	Cu	8	-	8	1019.0	0	W	1	o	62	75	8	4000	Sc	3	Li	7	0	
Holyhead	1021.3	0	NNW	3	o	56	75	9	4000	ScCu	10	-	10	1020.7	-1	SW	3	opr.	53	92	9	4000	ScCu	10	-	10	0	
Liverpool (Bidston)	1020.2	+1	WN	3	o	55	75	9	2500	ScCu	10	-	10	1020.0	-1	WN	3	o	54	75	9	4000	ScCu	4	ASL	10	4	
Chester (Shotwick)	1020.4	+1	WNW	4	o	54	75	9	2500	ScCu	10	-	10	1020.1	-1	WNW	3	o	56	75	9	4000	ScCu	1	ASL	8	0	
Spurn Head	1019.8	+2	NE	3	o	56	85	7	4000	ScCu	10	-	10	1019.8	0	SE	1	o	54	85	8	4000	ScCu	10	-	10	1	
Birmingham (Edgbaston)	1019.9	0	WNW	4	o	58	75	7	4000	ScCu	10	-	10	1019.8	0	NW	3	o	57	75	8	4000	ScCu	10	-	10	0	
Nottingham	1018.6	+1	NNE	2	o/r	61	65	8	2500	Nb	10	-	10	1018.9	0	W	2	o	59	75	7	2500	Nb	10	-	10	0	
Cranwell	1018.8	0	N	1	o	61	65	7	4000	Cu	9	-	9	1019.4	+1	SE	1	o	56	85	8	2500	Sc	10	-	10	0	
Gorleston	1018.4	+1	N'E	4	o	57	75	6	4000	CuNb	7	-	7	1019.1	+1	N'E	3	o	56	75	7	-	-	0	ASL	8	0	
Valencia (Cabrils)	1023.0	-1	NNW	1	o	59	85	8	2500	ScCu	6	ASL	10	1021.5	-2	SW	3	o	59	75	7	1500	Sc	10	-	10	0	
Roche Point	1022.2	0	SSW	3	o	58	92	8	2500	ScCu	10	-	10	1021.4	-1	SW	2	o	58	97	5	800	Sc	10	-	10	0	
Pembroke (St. Ann's H.)	1021.9	0	WNW	2	o	58	75	8	4000	ScCu	8	-	8	1021.5	-1	W	2	o	55	85	8	4000	ScCu	3	Li	6	3	
Rose-on-Wye	1020.0	0	N	3	o	59	65	9	4000	ScCu	10	-	10	1019.7	+1	NNW	1	o	59	65	9	4000	ScCu	10	-	10	0	
Benson	1019.8	+1	NW	2	o	59	65	8	-	Sc	10	-	10	1019.5	0	NNW	2	o	59	65	8	2500	Cu	2	Li	7	0	
Andover	1019.9	0	NW	3	o	59	75	8	4000	ScCu	10	-	10	1019.8	0	NNW	2	o	59	75	8	4000	ScCu	10	-	10	0	
S. Farnborough	1019.5	+1	WNW	3	o	60	75	8	2500	ScCu	10	-	10	1019.3	0	WNW	2	o	61	65	8	2500	ScCu	9	-	9	0	
London (Kew Obs.)	1019.9	+1	NW	2	o	60	65	8	2500	ScCu	5	ASL	10	1019.1	-1	NW	2	o	63	55	8	2500	ScCu	7	-	7	0	
Croydon	1019.4	+1	NNW	2	o/r	60	55	8	4000	ScCu	8	ASL	10	1019.1	0	WN	2	o	61	55	8	4000	Cu	6	-	6	0	
Orleton-on-Sea	1018.7	+	NNW	2	o	61	55	7	4000	ScCu	9	-	9	1018.8	0	NW	3	o	63	65	7	7200	ScCu	10	-	10	0	
Shoeburyness	1018.7	+1	NNW	2	o	61	55	7	4000	ScCu	9	-	9	1018.8	0	NW	1	o	63	55	7	5700	ScCu	5	ASL	8	0	
Grain	1019.2	+1	NW	3	o	61	55	8	2500	ScCu	10	-	10	1018.7	0	-	0	o	62	55	8	5700	ScCu	6	ASL	7	0	
Lympe	1019.0	+1	N	2	o	57	75	8	4000	ScCu	10	-	10	1018.8	0	SW	2	o	59	75	8	4000	ScCu	10	-	10	0	
Boily (St. Mary's)	1022.8	0	NNW	1	o	63	65	8	4000	Cu	3	Li	5	1022.0	-1	-	0	o	62	65	8	4000	ScCu	7	-	7	1	
Falmouth (Pendennis)	1023.3	0	N	2	o	61	75	8	4000	Cu	8	-	8	1022.4	0	N	2	o	57	75	8	4000	Cu	10	-	10	0	
Plymouth (Cattewater)	1021.3	0	NNW	3	o	59	75	8	5700	ScCu	10	-	10	1021.2	0	NNW	3	o	58	75	8	4000	ScCu	8	-	8	0	
Portland Bill	1019.7	0	NW	3	o	60	85	7	5700	ScCu	7	-	7	1019.7	0	NW	3	o	59	85	7	5700	ScCu	10	-	10	0	
Southampton (Cable)	1019.6	0	NW	3	o	62	65	8	4000	ScCu	10	-	10	1020.0	0	NNW	2	o	61	75	8	4000	ScCu	10	-	10	0	
Dungeness	1019.0	+1	NW	2	o	59	75	7	4000	Nb	10	-	10	1019.2	0	WSW	4	o	57	85	7	5700	Cu	5	-	5	4	
Jersey	1021.3	0	N	3	o	64	65	8	4000	ScCu	1	-	1	1021.4	0	N	3	o	63	65	8	4000	ScCu	2	-	2	3	
LONDON OBSERVATIONS.																												
24 HOURS ENDED 0900 G.M.T. 2nd July, 1928.																												
Kew .. 24 hours ended 0700																												
Croydon .. 24 hours ended 0700																												
Greenwich (Royal Obs.) ..																												
City (Bunhill Row) ..																												
Westminster (St. James' Pk.) ..																												
Bogart's Pk. (Botanic Gdns.) ..																												
Garden Square ..																												
Kensington Palace ..																												
Hampstead Observatory ..																												
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.																												
2nd July, 1928.																												
STATIONS. Sunrise. Noon. Sunset.																												
G.M.T. G.M.T. G.M.T.																												
Yarmouth .. 3.26 11.57 8.17																												
Greenwich .. 3.27 11.57 8.17																												
Wick .. 3.27 11.57 8.17																												
Valencia .. 4.27 1.45 9.22																												
BEAUFORT NOTATION OF WEATHER.																												
b blue sky (not more than a quarter covered).																												
bo sky partly cloudy (one half covered).																												
c generally cloudy (three-quarters covered).																												
d drizzle. h hail. KQ line squall.																												
l lightning. o overcast sky.																												
m mist, visibility 1000-10000 m.																												
f fog. 200-1000 m.																												
F thick fog. less than 200 m.																												
p precipitation within sight of station.																												
r passing showers. r rain.																												
s snow. rs sleet. t thunder.																												
v unusual visibility. y dry air.																												
z dust haze; the turbid atmosphere of dry weather.																												
With present weather is combined, whenever possible, the general character of the weather.																												
A "solidus" divides actual existing weather from preceding conditions, thus: bc/rs = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rate and hail".																												
Capital letters indicate intensities, suffix o indicates slight and repetition of letters continuity, thus: R = heavy rain.																												
rr = continuous moderate rain.																												
fofo = 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 50 feet above the ground.																												
SEA DISTURBANCE.																												
0=no swell. 1=mod. swell. 2=heavy swell. 3=no swell. 4=mod. swell. 5=heavy swell. 6=rough sea. 7=rough sea. 8=very rough sea. 9=mountainous sea.																												
Calm or slight. Moderate. Above 75.																												
Beaufort No. Statute miles per hour.																												
0 1 2 3 4 5 6 7 8 9 10 11 12																												
Less than 1 1-3 3-4 4-7 7-10 10-14 14-17 17-21 21-24 24-28 28-32 32-36 36-40 40-47 47-54 54-63 63-75																												

SUMMARIES FOR THE PAST 24 HOURS.														ISALLOBAR		2 nd July	
STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL†				SUN. 1 st to 2 nd Hours.	POSITION NUMBERS	Barometric Change 4h to 7h. (Half millibars)			
	7h-13h.	13h-18h.	18h-1 st to 1h-2 nd	1h-7h.	MAX. Day. 7h-13h.	MIN. Night. 13h-7h.	MIN. on GRASS.	Day. 7h-13h. mm.	Night. 13h-7h. mm.	Precipitation began.	Precipitation ended.						
Lerwick	od	od	o	o	52	47	.	0.1	-	40800	-	0.0		Barometric Change 4h to 7h. (Half millibars)			
Stornoway	oco	b	o	r-d	56	51	.	0.3	3	1630	-	1.0					
Wick	obr	obr	of	uov	54	48	.	1	04	40800	2200	0.4					
Castlebay	dfr	of	of	of	53	51	.	0.2	1	1730	-	0.4					
Nairn	cdg	cg	cg	cbcc	59	49	.	1	-	-	42100	2.2					
Aberdeen	ov	ov	o	o	59	48	42	0.3	-	40800	-	0.0					
Malin Head	col	b	Ddr	uov	57	54	.	0.2	2	40800	42100	0.0					
Renfrew	co	od	od	or	62	51	49	trace	2	1730	42100	4.8					
Edinburgh(Inchkeith)	oo	c	op	op	60	51	50	-	0.1	-	42100	2.2					
Leuchars	oo	oo	or	oo	62	49	40	-	0.1	-	42100	0.4					
Esksdalemuir	oo	oco	op	or	61	48	47	-	2	-	42100	1.5					
Tynemouth	oo	oo	om	oo	58	51	47	-	0.2	-	-	.					
Blackad Point	c	c	om	cb	62	52	.	-	-	-	-	.					
Donaghadee	c	or	om	cb	58	53	.	1	1	1430	42100	.					
Birr Castle	co	co	co	or	62	54	54	-	0.3	-	0630	0.4					
Holyhead	ov	ov	od	od	57	52	51	trace	0.3	40800	42100	1.3					
Liverpool(Bidston)	oo	co	b	b	56	51	50	-	1	-	42100	2.1					
Chester (Shotwick)	ov	ov	or	or	59	51	48	-	4	-	42100	1.2					
Spurn Head	b or bc	c	oo	oz	57	52	.	-	-	-	-	4.3					
Birmingham(Edgbaston)	oc	oc	or	om	59	48	39	-	-	-	42100	0.4					
Nottingham	c	oo	op	oo	61	50	49	-	0.2	-	2200	0.8					
Cranwell	co	oo	om	obc	62	48	46	trace	-	-	-	2.6					
Gorleston	op	c	oo	oo	59	52	50	trace	-	0900	-	3.9					
Valencia (Cahirciveen)	o	o	oom	o	66	55	53	-	trace	-	42100	0.1					
Roche's Point	bcbq	om	om	o	62	55	.	-	1	-	42100	.					
Pembroke(St. Ann's H.)	oo	c	ov	oo	60	52	.	-	-	-	-	5.8					
Ross-on-Wye	ov	ov	ov	ocw	60	45	39	-	-	-	-	0.2					
Benson	o	oc	co	cbcw	63	42	33	-	-	-	-	.					
Andover	oo	oo	oe	c	62	43	39	-	-	-	-	0.3					
S. Farnborough	ooco	co	o	oc	65	43	38	-	-	-	-	2.0					
London (Kew Obey.)	occo	ocbc	coo	ocZ	65	51	39	-	-	-	-	3.9					
Oxford	ov	ov	o	om	64	49	41	-	-	-	-	2.0					
Clacton-on-Sea	oc	ov	og	og	65	53	54	-	-	-	-	1.7					
Shoeburyness	oo	b or bc	c	om	67	53	50	-	trace	-	-	1.5					
Grain	oo	ocbc	cy	oom	64	55	52	-	-	-	-	2.5					
Lympne	om	oo	o	om	63	52	46	-	-	-	-	1.7					
Scilly (St. Mary's)	cbc	bcc	c	c	66	53	.	-	-	-	-	8.3					
Falmouth (Pendennis)	bcc	bcc	cbc	bcc	63	50	.	-	-	-	-	7.1					
Plymouth(Cattewater)	bco	coc	cb	bom	63	49	.	-	-	-	-	6.5					
Portland Bill	c	c	c	oo	64	55	.	-	-	-	-	.					
Southampton(Calshot)	oo	oo	c	c	64	51	49	-	-	-	-	1.3					
Dungannon	oc	c	oo	oo	63	53	.	-	-	-	-	10.3					
Jersey	bcb	b	b	bco	65	50	.	-	-	-	-	10.3					

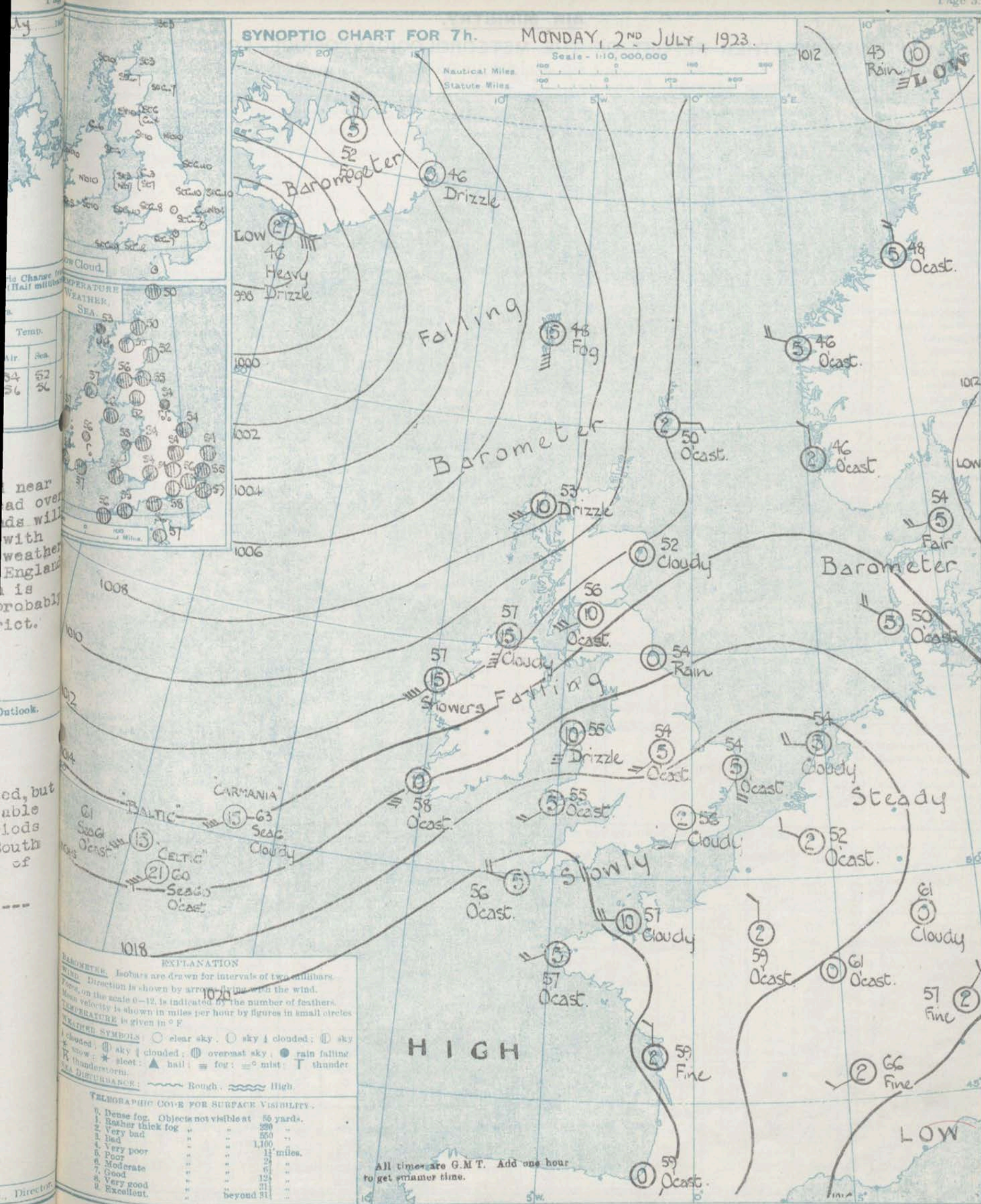
Districts.	Forecasts for the 24 hours commencing 15h GMT. Monday, 2nd July, 1923.	Further Outlook.
1. S.E. England	Wind W. or SW. light or moderate; fair to cloudy, perhaps a little rain or drizzle; visibility moderate; temperature about normal for the time of year.	Unsettled, but considerable fair periods in the South and East of England.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales		
7. North Wales	Wind W. or SW., moderate; cloudy, occasional rain or drizzle; visibility moderate; moderate temperature.	
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. E. Scotland	As 4 - 6.	
12. S.W. Scotland		
13. Isle of Man	As 7 - 9.	
14. N.&N.W. Scotland		
15. Hebrides	Wind W. or SW., moderate or fresh; cloudy, rain and drizzle at times; visibility moderate; moderate temperature.	
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland	As 7 - 9.	

SYNOPTIC CHART FOR 7h.

MONDAY, 2ND JULY, 1923.

Scale - 1:10,000,000

Nautical Miles
Statute Miles



EXPLANATION

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind.
 Force, on the scale 0-12, is indicated by the number of feathers.
 Mean velocity is shown in miles per hour by figures in small circles.
TEMPERATURE is given in ° F.
WEATHER SYMBOLS: ○ clear sky; ○ sky 1 clouded; ○ sky 2 clouded; ○ sky 3 clouded; ○ sky 4 clouded; ○ overcast sky; ● rain falling; * snow; * sleet; ▲ hail; = fog; = mist; T thunder.
SEA DISTURBANCE: ~~~~~ Rough; ~~~~~ High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

0. Dense fog. Objects not visible at 50 yards.	
1. Rather thick fog " " 200 "	
2. Very bad " " 550 "	
3. Bad " " 1,100 "	
4. Very poor " " 12 miles.	
5. Poor " " 24 "	
6. Moderate " " 48 "	
7. Good " " 124 "	
8. Very good " " 211 "	
9. Excellent. " " beyond 31 "	

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION... Monday... 2nd July... 1923.

No. 183.

STATIONS.	Observations at 0100 G.M.T. 2 nd													Observations at 0700 G.M.T. 2 nd													
	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud.					Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud.					
			Direc.	Force					Height Feet	Form	Amt. 0-10	Upper Form.	Total Amt. 0-10			Sea. 0-9	Direc.					Force	Height Feet	Form	Amt. 0-10	Upper Form.	Total Amt. 0-10
Lerwick ...	10142	-1	-	0	0	48	92	7	2500	Sr	8	Ast	10	10122	-3	E	1	0	50	85	7	2500	Sr	3	Ast	9	
Stornoway ...	10135	-3	SW	3	0	49	97	8	2500	Nb	10	-	10	10077	-3	SW	3	0	53	97	8	450	Sr	10	-	10	
Wick ...	10115	-3	SE	1	0	49	97	8	2500	Nb	10	-	10	10058	-4	SW	3	0	50	97	8	1500	Sr	3	Ac	10	
Castledyke ...														10089	-3	SW	4	0	54	97	8	1500	Nb	10	-	10	
Nairn ...														10102	-	-	0	0	58	95	8	4000	Sr	7	-	10	
Aberdeen ...														10122	-2	-	0	0	52	92	6	4000	Sr	7	-	10	
Malin Head ...	10148	-2	SW	3	0	55	97	8	5700	Cu	9	-	9	10106	-3	SW	4	0	57	92	8	4000	Cu	6	Ast	3	
Renfrew ...														10136	-2	SW	3	0	56	97	8	800	Sr	10	-	10	
Edinburgh (Inchkeith) ...	10157	0	WSW	3	0	52	92	7	-	Sr	6	Ast	10	10131	-3	WSW	3	0	55	92	8	-	Sr	10	-	10	
Leuchars ...														10126	-2	WSW	3	0	57	85	7	800	Sr	10	-	10	
Baldernair ...														10149	-2	SW	4	0	52	97	8	450	Sr	10	-	10	
Tynemouth ...	10175	-1	N	2	0	53	92	7	1500	Nb	10	-	10	10155	-2	-	0	0	54	92	5	1500	Nb	10	-	10	
Blackad Point ...														10146	-2	SW	4	0	57	92	4	-	-	10	-	10	
Donaghadee ...														10153	-2	SW	4	0	56	92	8	800	Sr	4	Ast	9	
Birr Castle ...														10153	-2	SW	4	0	56	91	6	800	Nb	10	-	10	
Holyhead ...	10187	-2	SE	4	0	52	97	7	2500	Sr	10	-	10	10164	-2	SW	3	0	55	97	8	250	Nb	10	-	10	
Liverpool (Bidston) ...														10172	0	-	1	0	54	92	5	1500	Sr	10	-	10	
Chester (Shotwick) ...														10171	-2	-	0	0	53	97	6	1500	Sr	10	-	10	
Spurn Head ...	10193	-1	W	3	0	55	85	7	2500	Sr	10	-	10	10178	-2	N	2	0	54	92	4	4000	Sr	10	-	10	
Birmingham (Edgbaston) ...														10182	-1	N	2	0	53	85	6	4000	Sr	10	-	10	
Nottingham ...														10177	-1	SW	2	0	54	92	6	2500	Sr	10	-	10	
Cranwell ...	10196	0	WS	1	0	51	92	5	2500	Sr	10	-	10	10183	-1	SW	2	0	55	85	6	5700	Sr	2	Ac	10	
Gorleston ...	10201	0	SW	1	0	53	83	7	4000	Sr	10	-	10	10187	-1	S	2	0	54	85	6	5700	Sr	10	-	10	
Valencia (Cahiroveen) ...	10191	-2	SW	2	0	56	97	9	-	-	0	Ast	7	10163	-2	SW	3	0	58	92	6	800	Sr	5	Ast	10	
Roches Point ...														10172	-2	WSW	2	0	57	97	8	2500	Sr	10	-	10	
Pembroke (St. Ann's H.) ...	10202	-2	S	1	0	53	97	9	4000	Sr	10	-	10	10187	-1	SW	2	0	58	97	8	4000	Sr	10	-	10	
Ross-on-Wye ...														10187	-2	SW	2	0	54	85	6	4000	Sr	6	Ac	9	
Benson ...														10186	-1	WSW	1	0	54	85	6	-	-	0	Ac	7	
Andover ...														10193	0	SW	1	0	52	97	7	-	-	0	Cst	7	
S. Farnborough ...														10187	-1	-	0	0	58	75	6	-	-	0	Ac	8	
London (Kew Obs.) ...						56								10191	0	SW	1	0	56	75	6	5700	Sr	2	Ac	7	
Croydon ...	10196	0	-	0	0	54	85	7	4000	Sr	10	-	10	10190	-1	-	0	0	55	75	6	5700	Sr	3	Ac	8	
Clacton-on-Sea ...														10183	-1	NW	3	0	55	85	7	1500	Cu	4	Ast	10	
Shoeburyness ...														10189	0	NW	1	0	56	75	6	5700	Sr	7	Ac	9	
Grain ...														10189	0	NW	2	0	56	85	6	5700	Sr	10	-	10	
Lymington ...	10191	0	NNW	2	0	52	85	8	4000	Sr	10	-	10	10186	0	-	0	0	57	85	6	-	-	0	Ac	10	
Seilly (St. Mary's) ...	10216	0	-	0	0	55	85	8	4000	Sr	9	-	9	10205	-2	NW	2	0	56	85	8	4000	Sr	9	-	9	
Falmouth (Pendennis) ...	10233	0	-	0	0	53	75	8	-	-	0	-	0	10205	-2	WSW	2	0	53	85	8	4000	Sr	8	-	8	
Plymouth (Cattewater) ...														10200	0	WSW	2	0	53	92	5	4000	Sr	3	Ac	10	
Portland Bill ...	10203	0	NW	1	0	55	85	7	-	-	0	Ac	1	10195	-3	-	0	0	56	85	7	5700	Sr	7	Ac	9	
Southampton (Cassidy) ...	10200	-1	NNW	2	0	56	85	8	-	-	0	Ac	4	10192	-1	N	1	0	55	92	7	-	-	0	Ast	10	
Dungeness ...	10191	0	NW	1	0	55	85	8	-	-	0	Ast	10	10186	-1	N	1	0	59	75	7	-	-	0	Ast	10	
Jersey (Th.) ...														10198	0	N	3	0	57	85	8	-	-	0	Cst	8	
Guernsey (H.) ...																											

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Fore-noon.	After-noon.	Min. Night. 30-1 st	Max. Day. 1 st	Night 17h-9h. 30-1 st	Day 9h-17h. 1 st	Sunrise to 17h. 1 st	Sunrise to Sunset. 30		Fore-noon.	After-noon.	Min. Night. 30-1 st	Max. Day. 1 st	Night 17h-9h. 30-1 st	Day 9h-17h. 1 st	Sunrise to 17h. 1 st	Sunrise to Sunset. 30
Montrose ...	OC	CO	49	55	0.4	-	0.0	0.9	Ilfracombe ...	0	OC	54	59	-	-	0.4	4.2
Berwick-on-Tweed ...	WCOV	0	50	56	0.1	-	0.1	1.4	Bude ...	bcco	ccccc	50	62	-	-	5.3	1.6
Llandudno ...	ocp	bcc	51	59	-	-	3.2	0.1	Penance ...	cbc	c	53	66	-	-	?	?
Colwyn Bay ...	c	c	51	58	-	-	2.2	0.0	Paignton ...	bco	bccccc	55	67	-	-	7.6	10.2
Rhyl ...	c	cbcc	52	58	-	-	2.7	0.1	Terquay ...	bcco	cbcc	54	67	-	-	7.3	9.3
Southport ...	0	ocbc	52	58	-	-	1.3	3.1	Weymouth ...	c	co	54	71	-	-	5.4	10.5
Blackpool ...	cc	bc	52	60	-	-	2.6	2.7	Bournemouth ...	bbc	oo	53	65	-	-	3.0	9.4
Ilkley ...	cbcb	b	49	64	-	-	3.5	6.4	Portsmouth (St. Anne's) ...	oc	co	54	64	-	-	1.0	8.3
Harrogate ...	bcco	o	49	59	-	-	3.0	3.9	Worthing ...	co	co	54	62	0.3	-	0.3	8.2
Ekegness ...	cbvo	cov	46	60	-	-	3.7	2.2	Brighton ...	c	c	55	64	-	-	0.7	8.7
Aberystwyth ...	occ	o	53	58	-	-	0.7	0.2	Eastbourne ...	do	coc	55	61	0.4	Trace	1.1	9.3
Bath ...	og	o	55	61	1	-	0.6	5.2	Hastings ...	0	OC	54	62	Trace	-	0.2	11.9
Leamington Spa ...	...	...	57	64	-	-	1.2	0.4	Folkestone ...	o	o	50	64	0.2	-	0.0	6.9
Lowestoft ...	0	OCO	49	57	0.2	0.1	2.1	0.5	Tunbridge Wells ...	o	OC	52	65	-	-	1.4	9.0
Felixstowe ...	c	oz	49	64	-	-	1.1	3.0	Ramsgate ...	bccc	cbcb	53	63	-	-	4.0	5.2
Southend ...	OC	CO	53	67	-	-	1.8	3.4	Margate ...	c	cbcc	55	63	-	-	3.0	2.8
									Deal ...	oce	bcc	64	65	-	-	2.6	5.8

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.22503

TUESDAY, 3RD JULY 1923.

Page 1.

STATIONS.	Observations at 1800 G.M.T.														Observations at 1800 G.M.T.																	
	Barom. at M.S.L.		Change in 3 Hours.		Wind.		Weather.		Temp.		Humidity.		Visibility.		Cloud.		Barom. at M.S.L.		Change in 3 Hours.		Wind.		Weather.		Temp.		Humidity.		Visibility.		Cloud.	
	m.b.		0-12		0-12		0-12		0-12		0-12		0-12		0-12		m.b.		0-12		0-12		0-12		0-12		0-12		0-12		0-12	
	Height	Form	Amount	Upper	Total	State of ground.	Height	Form	Amount	Upper	Total	State of ground.	Height	Form	Amount	Upper	Total	State of ground.	Height	Form	Amount	Upper	Total	State of ground.	Height	Form	Amount	Upper	Total	State of ground.		
Lerwick	1010.2	-2	S	2	0	54	85	7	2500	St	3	C-St	9	1017.8	-3	S	2	0	51	92	5	800	St	7	As	10	0	5	0	0		
Stornoway	1004.7	-3	SW	2	0	54	85	7	450	St	10	-	10	1009.9	-6	SW	6	0	55	97	6	450	St	10	-	10	0	5	0	0		
Wick	1007.2	-2	SSW	3	0	55	85	8	4000	St	3	As	10	1009.9	-4	S	2	0	52	92	8	2500	Nb	5	As	10	0	5	0	0		
Caudebay	1005.9	-3	SSW	4	0	54	85	5	800	St	10	-	10	1001.9	-2	SSW	5	0	52	97	6	800	Nb	10	-	10	0	5	0	0		
Nairn	1004.3	-3	SSW	3	0	54	85	8	2500	St	4	As	5	1003.2	-3	SSW	3	0	52	97	6	1500	St	4	-	6	0	5	0	0		
Aberdeen	1004.3	-3	SSW	3	0	54	85	8	2500	St	4	As	5	1007.2	-3	SSW	3	0	52	97	6	5700	St	4	-	7	0	5	0	0		
Malin Head	1007.2	-4	SSW	5	0	54	85	8	5700	St	9	-	9	1004.4	-3	SSW	5	0	52	97	6	4000	St	9	-	7	0	5	0	0		
Renfrew	1010.2	-3	SW	4	0	54	85	7	1500	St	10	-	10	1008.2	-3	SSW	4	0	52	97	6	800	Nb	10	-	10	0	5	0	0		
Edinburgh (Inchkeith)	1011.0	-1	WSW	4	0	54	85	7	3	St	10	-	10	1008.6	-2	SW	4	0	52	97	6	800	St	5	As	10	0	5	0	0		
Leuchars	1010.4	-3	SW	5	0	54	85	7	4000	St	10	-	10	1008.3	-2	SW	4	0	52	97	6	1500	St	5	As	10	0	5	0	0		
Bakdalemuir	1012.5	0	SSW	5	0	56	85	6	1500	St	10	-	10	1011.2	-2	SSW	4	0	54	97	4	225	Nb	10	-	10	0	5	0	0		
Tynemouth	1013.2	-2	W	1	0	54	85	6	1500	St	10	-	10	1011.5	-2	SW	2	0	52	97	6	4000	St	4	As	9	0	5	0	0		
Blackod Point	1007.7	-2	SW	5	0	54	85	4	2	St	3	3	10	1008.3	-3	SSW	6	0	57	97	3	2	2	2	2	10	0	5	0	0		
Donaghadee	1014.1	-3	SSW	1	0	54	85	8	1500	St	9	-	9	1010.3	-3	SW	3	0	59	85	8	1500	St	10	-	10	0	5	0	0		
Birr Castle	1012.3	-3	S	1	0	54	85	7	2500	Nb	9	-	9	1009.8	-3	S	1	0	57	85	6	2500	Nb	10	-	10	0	5	0	0		
Holyhead	1015.1	-1	SW	4	0	56	92	7	900	St	10	-	10	1012.8	-3	S	4	0	57	92	7	450	St	3	As	8	0	5	0	0		
Liverpool (Bidston)	1014.8	-1	SW	2	0	56	85	8	1500	Nb	10	-	10	1013.4	-2	SW	3	0	50	95	9	2500	St	10	-	10	0	5	0	0		
Chester (Shotwick)	1015.4	-2	SW	3	0	56	85	8	1500	St	5	As	10	1014.0	-1	SW	3	0	52	95	8	1500	St	10	-	10	0	5	0	0		
Spurn Head	1015.9	-4	SE	4	0	56	85	7	4000	St	8	-	8	1014.2	-2	WSW	3	0	52	85	7	4000	St	10	-	10	0	5	0	0		
Birmingham (Edgbaston)	1015.9	-1	WSW	3	0	56	85	7	5700	St	10	-	10	1014.7	-1	WSW	3	0	54	85	7	5700	St	4	As	10	0	5	0	0		
Nottingham	1015.4	-1	W	2	0	56	85	8	1500	St	8	-	8	1014.0	-1	WSW	3	0	53	85	8	4000	St	10	-	10	0	5	0	0		
Cranwell	1016.9	-1	WS	3	0	56	85	7	2500	St	10	-	10	1015.3	-1	SW	2	0	53	85	6	4000	St	10	-	10	0	5	0	0		
Gorleston	1017.4	-1	SSE	4	0	58	85	6	5700	St	10	-	10	1016.1	-1	SE	4	0	58	85	7	-	-	0	As	3	0	5	0	0		
Valencia (Cahitrovan)	1014.5	-2	SSW	4	0	56	85	7	1500	St	7	As	10	1012.2	-2	S	4	0	59	85	7	1500	St	6	As	10	0	5	0	0		
Roche Point	1015.2	-1	SW	3	0	58	85	8	1500	St	10	-	10	1013.0	-2	WSW	3	0	59	85	8	1500	St	10	-	10	0	5	0	0		
Pembroke (St. Ann's H.)	1017.5	-1	SSW	3	0	56	92	7	4000	St	10	-	10	1015.6	-2	SW	3	0	55	97	7	2500	Nb	6	As	10	0	5	0	0		
Ross-on-Wye	1015.2	-3	WSW	3	0	55	85	7	4000	St	7	As	10	1015.2	-2	SW	3	0	53	85	7	4000	St	7	As	10	0	5	0	0		
Benson	1016.2	-3	WSW	2	0	57	85	8	-	St	10	-	10	1015.5	-2	W	2	0	55	85	8	-	-	0	As	3	0	5	0	0		
Andover	1016.9	-1	SSW	2	0	58	85	8	4000	St	6	As	7	1016.1	-1	SW	1	0	53	85	8	4000	St	10	-	10	0	5	0	0		
S. Farnborough	1016.9	-2	SW	3	0	58	85	6	2500	St	9	-	9	1015.9	-1	WSW	4	0	55	85	7	2500	St	5	As	8	0	5	0	0		
London (Kew Obs.)	1016.7	-2	S	2	0	58	85	8	4000	St	9	As	10	1015.7	-1	SSW	2	0	57	85	8	5700	St	5	As	8	0	5	0	0		
Croydon	1017.3	-2	WS	2	0	55	85	8	4000	St	10	-	10	1016.3	-1	SW	3	0	53	85	8	5700	St	7	As	9	0	5	0	0		
Clifton-on-Sea	1017.2	-2	SE	2	0	54	85	7	4000	St	8	As	10	1015.8	-2	SW	1	0	54	85	7	-	-	0	As	10	0	5	0	0		
Shoeburyness	1017.2	-2	SE	2	0	54	85	7	4000	St	8	As	10	1015.7	-1	SW	4	0	54	85	8	7700	St	9	-	9	0	5	0	0		
Grain	1017.0	-2	EN	1	0	54	85	7	4000	St	8	As	9	1016.5	-1	SW	3	0	54	85	7	5700	St	9	-	9	0	5	0	0		
Lymington	1017.6	-1	WS	3	0	56	85	7	4000	St	6	As	9	1016.5	-1	SW	3	0	54	85	7	5700	St	9	-	9	0	5	0	0		
Boily (St. Mary's)	1018.7	-3	W	2	0	51	85	8	4000	St	9	-	9	1018.6	-1	WS	3	0	58	92	8	4000	St	9	-	9	0	5	0	0		
Falmouth (Pendennis)	1018.3	-1	WSW	4	0	58	85	8	4000	St	10	-	10	1016.7	0	WSW	4	0	54	85	8	4000	St	9	-	9	0	5	0	0		
Plymouth (Cattewater)	1018.4	-1	SSW	3	0	51	85	7	4000	St	6	As	7	1017.2	-2	WSW	3	0	57	97	7	1500	St	10	-	10	0	5	0	0		
Portland Bill	1018.1	-2	WSW	2	0	57	85	7	7700	St	8	-	8	1017.4	-6	SW	3	0	57	85	7	5700	St	8	-	8	0	5	0	0		
Southampton (Calshot)	1017.8	-2	SSW	4	0	53	85	7	5700	St	1	C	7	1016.8	-1	SW	4	0	58	85	7	-	-	0	C	5	0	5	0	0		
Dungeness	1018.1	0	SW	2	0	56	85	7	-	-	0	C	6	1016.8	-1	WSW	3	0	59	85	7	-	-	0	C	3	0	5	0	0		
Jersey	1017.4	0	WSW	3	0	54	85	8	-	-	0	As	4	1018.6	0	SW	3	0	53	85	8	-	-	0	C	1	0	5	0	0		
LONDON OBSERVATIONS.																																
Kew																																
Croydon																																
Greenwich (Royal Obs.)																																
City (Bunhill Row)																																
Westminster (St. James' Pk.)																																
Regent's Pk. (Botanic Gdns.)																																
Camden Square																																
Kennington Palace																																
Hamstead Observatory																																
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.																																
3rd July, 1923.																																
STATIONS.																																
Yarmouth																																
Greenwich																																
Wick																																
Valencia																																
BEAUFORT NOTATION OF WEATHER.																																
With present weather is combined, whenever possible, the general character of the weather.																																
"solidus" divides actual existing weather from preceding conditions, thus: b-cf-r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";																																
Capitals' letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus: R = heavy rain.																																
rr = continuous moderate rain.																																
rfo = 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																																
3 = no swell																																
4 = mod. swell																																
5 = heavy swell																																
6 = rather rough sea.																																
7 = rough sea.																																
8 = very rough sea.																																
9 = mountainous sea.																																

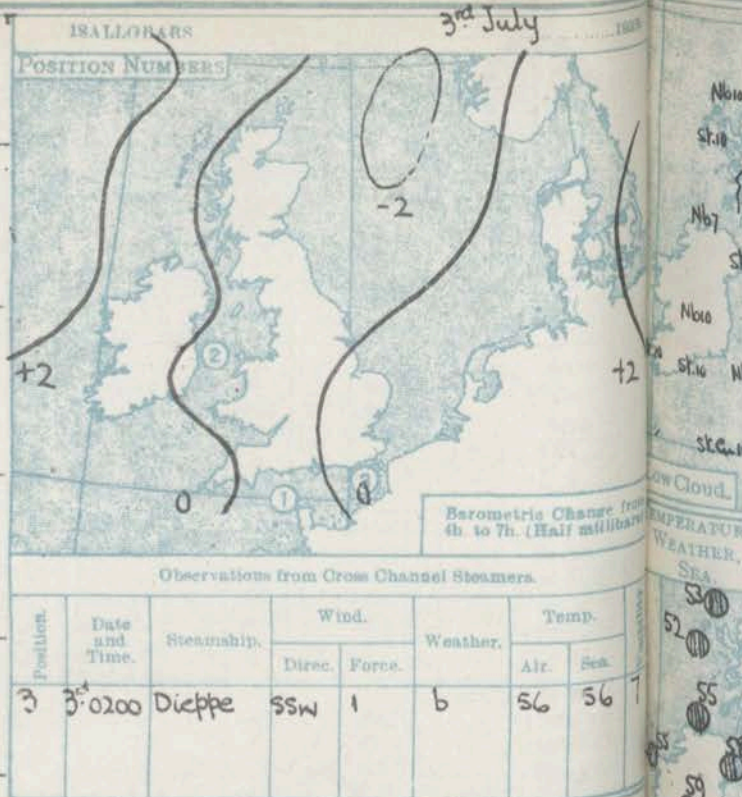
¹ For explanation see Introduction.

* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

† For code see page 5.

SUMMARIES FOR THE PAST 24 HOURS.														Sun. 2 nd Hours.
STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL†				Sun. 2 nd Hours.		
	7h.-13h. 2 nd	13h.-18h. 2 nd	18h.-24h. 2 nd	1h.-7h. 2 nd	MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation ended.			
Lerwick ...	a	om	omr	omr	55	50	.	-	2	-	<2100	0.5		
Stornoway ...	r	r	r-d	oo	56	50	.	2	2	-	-	0.0		
Wick ...	oio	oio	oio	opd	57	51	.	0.2	0.2	0900	<2100	.		
Castlebay ...	ord	oro	ird	do	54	52	.	2	0.4	0900	-	0.0		
Nairn ...	eg	eidg	epg	beg	65	56	.	1	1	1330	-	1.5		
Aberdeen ...	bcobc	cogut	com	oo	71	54	53	-	-	-	-	5.2		
Malin Head ...	iroco	coiro	oir	coimr	61	53	.	0.6	2	0900	2200	0.2		
Reafrew ...	ommo	ado	or.oro	oir	61	56	55	trace	1	1630	<2100	0.2		
Edinburgh(Inchkeith) ...	o	o	p	c	63	57	55	-	-	-	-	1.6		
Leuchars ...	o	o	bo	oo	66	57	51	-	-	-	-	0.8		
Eskdalemuir ...	oido	ofe	odm	orodm	59	52	52	0.1	8	10800	<2100	0.6		
Tynemouth ...	iro	o	oo	oomq	68	56	52	trace	-	10800	-	.		
Blackad Point ...	o	p	ad p	o	62	51	.	3	0.6	-	-	.		
Donaghadee ...	o	o	oc	oro	62	55	.	trace	1	1730	<2100	.		
Birr Castle ...	epig	o	oc	oro	63	58	50	2	0.1	10800	0630	0.0		
Holyhead ...	odom	opio	oproq	ogid	60	54	54	trace	0.3	10800	<2100	3.5		
Liverpool (Bidston) ...	co	o	co	co	65	54	52	-	-	-	-	1.1		
Chester (Shotwick) ...	oo	o	oo	oopR	64	56	53	-	0.3	-	0630	0.7		
Spurn Head ...	c	c	c	c	65	55	.	-	-	-	-	3.7		
Birmingham (Edgbaston) ...	oco	oag	o	om	65	54	47	-	-	-	-	0.8		
Nottingham ...	po	c	o	o	69	55	51	trace	-	1100	-	1.2		
Cranwell ...	o	omiro	oo	omo	70	54	51	-	-	-	-	6.8		
Gorleston ...	o	oebc	co	c	60	56	50	-	-	-	-	4.5		
Valencia (Cahirciveen) ...	o	o	oidor	oidrm	61	56	55	-	5	-	<2100	0.0		
Roches Point ...	opio	opio	od	ome	60	56	.	0.2	0.2	1100	<2100	.		
Pembroke (St. Ann's H.) ...	oco	o	opd	odo	58	55	.	-	2	-	<2100	0.0		
Ross-on-Wye ...	coma	oepeo	og	oo	68	56	53	-	-	-	-	2.8		
Benson ...	hca	o	o	oco	71	49	41	-	-	-	-	.		
Andover ...	co	o	oo	oo	70	49	44	-	-	-	-	5.8		
S. Farnborough ...	co	avey	ebc	beco	72	47	43	-	trace	-	-	5.8		
London (Kew Obs.) ...	bcay	aveyc	ebcb	befnom	70	51	42	-	-	-	-	5.6		
Croydon ...	bzoy	ay	obcmw	omwfe	70	50	47	-	-	-	-	4.3		
Clacton-on-Sea ...	o	ebcz	bcz	bcz	62	53	47	-	-	-	-	2.9		
Shoeburyness ...	omou	oc	c	om	67	50	44	-	trace	-	-	1.4		
Grain ...	omoc	babco	ebcb	bccom	67	51	42	-	-	-	-	2.0		
Lymington ...	omz	ebc	ebco	om	64	50	44	-	trace	-	-	3.7		
Scilly (St. Mary's) ...	epo	c	o	om	63	56	.	0.1	-	1230	-	0.1		
Falmouth (Pendennis) ...	obco	obco	opco	oco	63	57	.	-	trace	-	<2100	1.3		
Plymouth(Cattewater) ...	omc	o	bo	oo	64	56	54	-	-	-	-	5.5		
Portland Bill ...	c	c	c	bbc	57	53	.	-	-	-	-	.		
Southampton (Calshot) ...	c	c	c	c	65	54	51	-	-	-	-	6.9		
Dungeness ...	c	c	c	bbr	64	53	.	-	-	-	-	.		
Jersey ...	oeb	b	bcc	co	64	55	.	-	-	-	-	6.8		

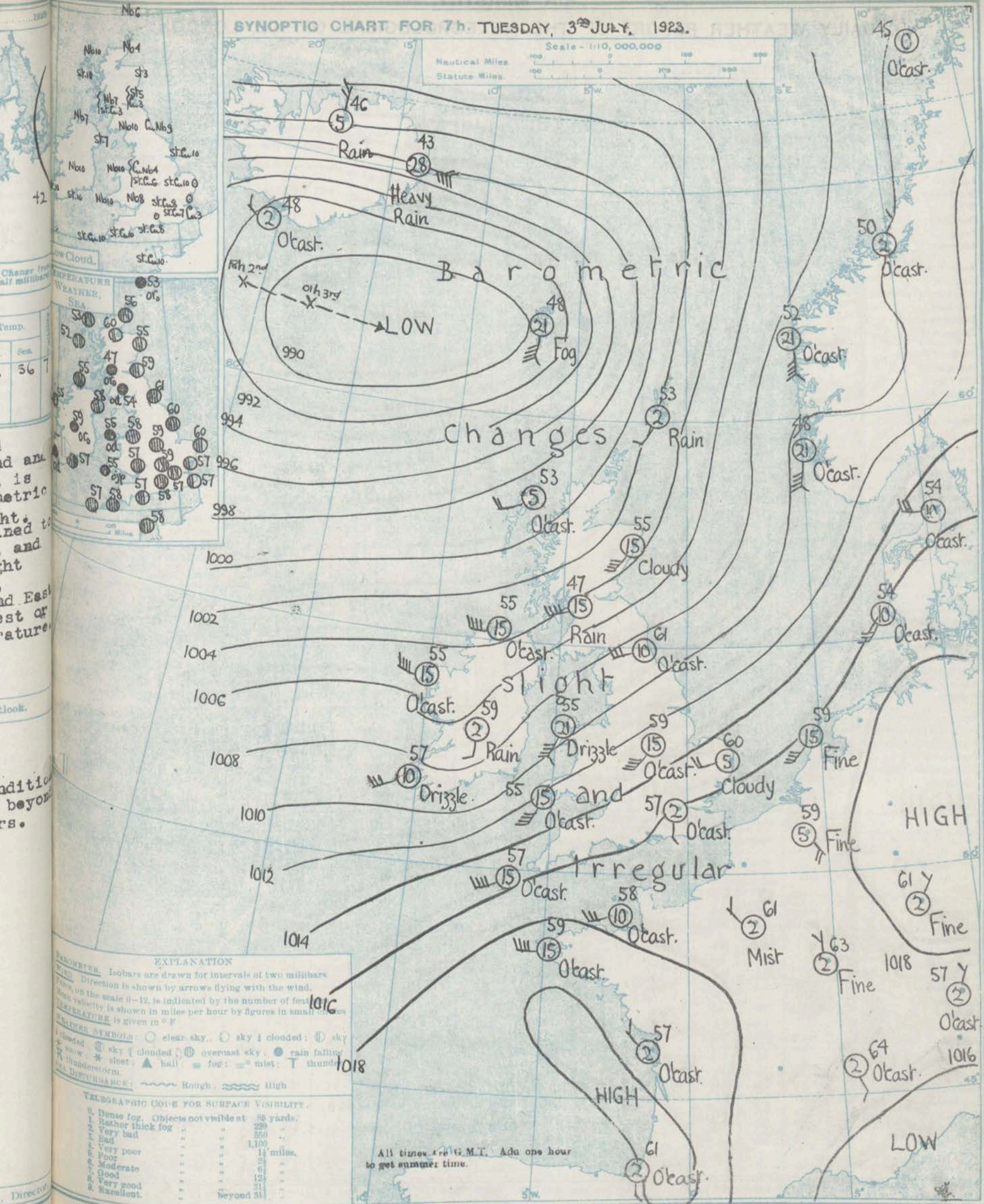
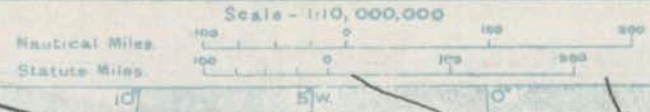


GENERAL INFERENCE.

The depression centred between Scotland and Iceland and covering the British Isles, is almost stationary and barometric changes are everywhere slight. Precipitation will be confined to some local rain or showers, and there is a prospect of bright periods in most localities, particularly in the S.E. and East. Winds will continue from West or S.W. with a moderate temperature.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 3 rd July, 1923.	Further Outlook.
1. S.E. England	Wind W. or S.W., light or moderate; bright periods, little or no rain; visibility moderate or good; moderate temperature.	Similar conditions continuing beyond the 24 hours.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales		
7. North Wales	Wind W. or S.W., light or moderate, fresh locally; cloudy, brighter intervals, rain or showers in places; visibility moderate; moderate temperature.	
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. E. Scotland	Wind W. or S.W., light or moderate; bright periods, cloudy at times, local rain or showers; visibility moderate or good; moderate temperature.	
12. S.W. Scotland		
13. Isle of Man	As 4 - 9.	
14. N. & N.W. Scotland		
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		

SYNOPTIC CHART FOR 7h. TUESDAY, 3rd JULY, 1923.



EXPLANATION

BAROMETRIC. Isobars are drawn for intervals of two millibars. Wind. Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feet. Mean velocity is shown in miles per hour by figures in small circles. TEMPERATURE is given in °F.

WEATHER SYMBOLS: ○ clear sky; ⊙ sky & clouded; ⊕ sky & clouded; ⊕ overcast sky; ● rain falling; * snow; * sleet; ▲ hail; = fog; = mist; T thunderstorm.

SEA DISTURBANCE: ~~~~~ Rough; ~~~~~ High

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

0. Dense fog. Objects not visible at 55 yards.	
1. Rather thick fog	200 "
2. Very bad	550 "
3. Bad	1,100 "
4. Very poor	11 miles.
5. Poor	2 "
6. Moderate	6 "
7. Good	12 "
8. Very good	21 "
9. Excellent.	beyond 31 "

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION. TUESDAY, 3rd JULY.

1923.

No. 184.

STATIONS.	Observations at 0100 G.M.T.													Observations at 0700 G.M.T.														
	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud.					Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud.						
			Direc.	Force					Height Feet	Low.		Upper Form.	Total Amt. 0-10			Sea. 0-9	Direc.					Force	Height Feet	Low.	Upper Form.	Total Amt. 0-10		
										Form	Amt. 0-10																Form	Amt. 0-10
Lerwick ...	10036	-3	S	2	or	51	92	6	4000	Nb	10	-	10	10025	0	SSW	1	or	53	92	6	4000	Nb	6	ACu	9		
Stornoway ...	9985	-2	SW	5	or	54	92	4	5700	Sc	4	ACu	7	9992	+2	SW	2	or	53	85	7	800	Nb	10	-	10		
Wick ...	10001	-2	SSW	3	c	54	92	8	5700	Sc	4	ACu	7	10001	0	SSW	2	or	56	92	7	4000	Nb	4	ACu	9		
Castlebary ...	.	.	.	.	.	.	.	.	.	.	.	.	.	10012	0	SW	3	or	52	97	8	2500	Sc	10	-	10
Nairn ...	.	.	.	.	.	.	.	.	.	.	.	.	.	10011	0	WSW	2	bc	60	75	8	4000	Cu	2	ACu	5
Aberdeen ...	.	.	.	.	.	.	.	.	.	.	.	.	.	10032	-1	SSW	4	c	55	85	7	1500	Sc	3	ACu	7
Malin Head ...	10029	0	WSW	5	or	57	97	7	5700	Nb	7	AS	10	10035	0	N	4	or	55	97	8	5700	Nb	7	ACu	9		
Renfrew ...	.	.	.	.	.	.	.	.	.	.	.	.	.	10044	0	SW	4	or	57	97	6	800	Nb	10	-	10
Edinburgh (Inchkeith) ...	10058	-4	SW	3	0	58	85	8	.	Sc	3	AS	9	10049	0	SW	5	c	59	85	7	.	Sc	8	-	10		
Leuchars ...	.	.	.	.	.	.	.	.	.	.	.	.	.	10042	-7	SSW	3	c	60	85	7	1500	Sc	9	-	10
Esksdalemuir ...	.	.	.	.	.	.	.	.	.	.	.	.	.	10060	-1	SSW	3	odd	54	97	5	450	Nb	10	-	10
Tynemouth ...	10096	-1	SW	1	0	57	85	6	-	-	0	ACu	10	10082	0	SW	3	0	61	75	6	1500	Cu	9	-	10		
Blacksod Point ...	.	.	.	.	.	.	.	.	.	.	.	.	.	10055	+2	WSW	4	0	55	92	8	?	?	10	?	10
Donaghadee ...	.	.	.	.	.	.	.	.	.	.	.	.	.	10069	0	SW	2	c	58	92	8	800	Sc	7	-	10
Birr Castle ...	.	.	.	.	.	.	.	.	.	.	.	.	.	10070	.	S	1	or	59	92	4	1500	Nb	10	-	10
Holyhead ...	10108	-1	S	5	0	56	97	8	1500	Sc	10	-	10	10095	0	SW	5	odd	59	97	5	1500	Nb	10	-	10		
Liverpool (Bidston) ...	.	.	.	.	.	.	.	.	.	.	.	.	.	10106	-1	S	3	0	58	85	7	2500	Sc	10	-	10
Chester (Shotwick) ...	.	.	.	.	.	.	.	.	.	.	.	.	.	10110	0	SSW	2	odd	58	92	7	1500	Sc	10	-	10
Spurn Head ...	10136	-2	S	3	bc	56	92	6	2500	Sc	4	Cu	6	10131	-1	SSW	3	0	60	85	7	4000	Sc	10	-	10		
Birmingham (Edgbaston) ...	.	.	.	.	.	.	.	.	.	.	.	.	.	10135	-1	SW	4	0	57	85	6	4000	Sc	10	-	10
Nottingham ...	.	.	.	.	.	.	.	.	.	.	.	.	.	10127	-1	SW	4	0	59	85	7	2500	Sc	10	-	10
Cranwell ...	10145	-1	SW'S	2	0	56	92	6	5500	Sc	5	AS	10	10136	0	SSW	4	0	60	85	7	5700	Sc	3	ACu	10		
Gorleston ...	10156	0	SW	1	0+	57	85	6	4000	Sc	10	-	10	10155	0	SW	2	c	60	85	6	-	-	0	ACu	8		
Valencia (Cahirciveen) ...	10077	-2	NW	4	odd	57	97	7	.	Sc	10	-	10	10094	+1	SW	3	od	57	97	6	450	Sc	10	-	10		
Roches Point ...	.	.	.	.	.	.	.	.	.	.	.	.	.	10104	0	SW	4	0	57	97	6	1500	Sc	10	-	10
Pembroke (St. Ann's H.) ...	10138	-2	SSW	4	oip	56	92	7	2500	Nb	10	-	10	10129	-1	SSW	4	oip	55	97	7	2500	Nb	10	-	10		
Ross-on-Wye ...	.	.	.	.	.	.	.	.	.	.	.	.	.	10140	0	SW	3	0	57	85	8	2500	Nb	8	AS	10
Benson ...	.	.	.	.	.	.	.	.	.	.	.	.	.	10149	0	SW	3	0+	59	85	8	1500	Sc	8	ACu	10
Andover ...	.	.	.	.	.	.	.	.	.	.	.	.	.	10160	0	S	1	0	55	97	7	4000	Sc	10	-	10
S. Farnborough ...	.	.	.	.	.	.	.	.	.	.	.	.	.	10159	0	SW	2	0	58	85	6	-	-	0	ACu	10
London (Kew Obs.) ...	.	.	.	.	.	55	.	.	.	.	.	.	.	10161	+1	S	1	0	57	85	6	1500	Sc	7	ACu	9
Croydon ...	10163	-1	SSW	3	Cu	51	97	6	-	-	0	Cu	7	10163	+1	SW'S	3	o/f	55	92	6	220	Sc	10	-	10		
Clacton-on-Sea ...	.	.	.	.	.	.	.	.	.	.	.	.	.	10158	0	SW	3	bc	57	92	6	-	-	0	ACu	5
Shoeburyness ...	.	.	.	.	.	.	.	.	.	.	.	.	.	10164	0	SSW	2	mmo	55	85	6	-	-	0	AS	10
Grain ...	.	.	.	.	.	.	.	.	.	.	.	.	.	10164	0	SSW	2	0+	58	92	6	450	Sc	10	-	10
Lympne ...	10165	0	WSW	3	0	51	92	7	2500	Sc	8	AS	9	10164	0	SW	2	0	55	92	6	450	Sc	10	-	10		
Seilly (St. Mary's) ...	10183	-1	SWW	3	0	57	92	7	4000	Sc	10	-	10	10156	0	SWW	4	0	57	92	6	4000	Sc	10	-	10		
Falmouth (Pendennis) ...	10160	-1	WSW	3	0	57	85	7	4000	Sc	9	-	9	10166	0	N	4	0	58	92	8	4000	Sc	10	-	10		
Plymouth (Cattewater) ...	.	.	.	.	.	.	.	.	.	.	.	.	.	10155	0	SWW	4	oip	58	97	6	450	Sc	10	-	10
Portland Bill ...	10159	-2	WSW	3	bc	56	92	7	-	-	0	Cu	4	10160	0	WSW	3	c+	57	92	7	5700	Sc	8	-	10		
Southampton (Cassiot) ...	10162	-2	WSW	2	b-	55	97	8	-	-	0	Cu	3	10163	0	SWW	3	0+	59	85	7	1500	Sc	10	-	10		
Dungeness ...	10169	0	WSW	3	bc	54	92	8	4000	Cu	4	-	4	10167	0	WSW	4	bc+	57	85	7	4000	Cu	3	Cu	5		
Jersey 7h ...	.	.	.	.	.	.	.	.	.	.	.	.	.	10179	0	SW	3	0	58	85	8	4000	Sc	10	-	10
Guernsey 1h ...	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.†		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.†		SUNSHINE.	
	Forenoon.	Afternoon.	Min. Night. 12-2nd	Max. Day. 2nd	Night 17h-9h. 12-2nd	Day 9h-17h. 2nd	Sunrise to 17h. 2nd	Sunrise to Sunset. 1st		Forenoon.	Afternoon.	Min. Night. 12-2nd	Max. Day. 2nd	Night 17h-9h. 12-2nd	Day 9h-17h. 2nd	Sunrise to 17h. 2nd	Sunrise to Sunset. 1st
Montrose ...	c	ocm	49	66	0.1	-	2.6	0.0	Ilfracombe ...	o	o	52	61	-	-	0.0	1.4
Berwick-on-Tweed ...	o	becom	51	69	-	-	2.8	0.0	Bude ...	occc	or	44	65	-	-	4.3	6.5
Llandudno ...	o	o	52	62	0.8	-	0.2	3.2	Penzance ...	oc	bec	44	64	-	-	4.9	8.9
Colwyn Bay ...	c	c	53	62	1	-	0.0	2.2	Paignton ...	beco	aq	48	63	-	-	3.9	8.8
Rhyl... ..	o	o	51	63	1	-	0.5	2.7	Torquay ...	cobc	beco	50	66	-	-	0.7	5.4
Southport ...	oco	oco	54	63	2	-	0.3	1.7	Weymouth ...	o	o	50	66	-	-	-	-
Blackpool ...	og	deo	53	62	2	0.2	0.4	3.1	Bournemouth ...	cc	bec	50	65	-	-	2.8	3.0
Ilkley ...	omd	becco	50	66	trace	0.3	1.8	3.6	Portsmouth (S. thea) ...	obc	bec	54	67	-	-	6.3	1.0
Harrogate ...	c	c	49	63	-	-	0.4	3.0	Worthing ...	bc	cpc	51	65	-	-	7.1	0.3
Skewness ...	abeb	bcco	51	70	0.1	-	4.0	3.7	Brighton ...	b	b	51	63	-	-	7.0	2.2
Aberystwyth ...	ccc	o	52	63	-	-	0.2	0.7	Eastbourne ...	cbe	bbe	51	64	-	-	6.5	-
Bath ...	bbecc	acbc	46	64	-	-	5.9	0.6	Hastings ...	cbe	beb	52	63	0.1	-	6.6	1.5
Leamington Spa ...	ocb	o	46	66	0.3	-	1.0	1.2	Folkestone ...	c	o	54	68	-	-	2.0	0.0
Lowestoft ...	oosb	cco	52	61	0.1	-	2.0	2.1	Tunbridge Wells ...	bc	beb	50	69	-	-	5.3	1.5
Felixstowe ...	om	om	54	65	0.2	-	2.7	1.1	Ramsgate ...	cbe	bne	55	65	-	-	3.0	5.1
Southend ...	oc	co	54	68	-	-	2.3	2.1	Margate ...	ac	bec	54	65	-	-	2.4	4.7
									Deal ...	oc	cc	54	66	-	-	1.2	3.7

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

* Information 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.

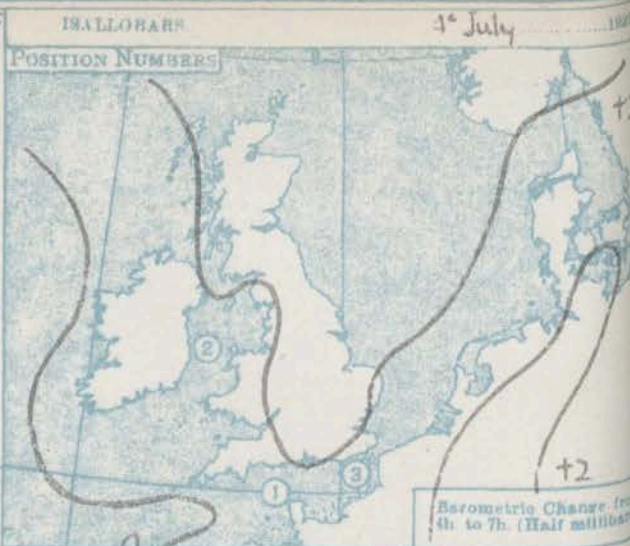


STATIONS.	Observations at 1900 G.M.T.										Observations at 1800 G.M.T.																	
	Barom. at M.S.L. m.b.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. m.b.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud.							
			Direc.	Force					Height.	Form.	Amt.	Direc.			Force	Height.					Form.	Amt.						
																							0-12	0-10	0-10	0-10	0-10	0-10
Lerwick	1002.7	+2	-	0	q/r	57	75	8	-	-	0	AC	9	-	1004.4	+3	SW	3	b	57	75	8	4000	Cu	2	-	3	2
Stornoway	1000.0	+1	SW	5	c/r	58	75	7	4000	Cu	8	-	8	-	1007.7	+3	SW	5	c	58	75	7	4000	Nb	7	-	7	0
Wick	1001.7	+2	W	1	c	58	85	8	2500	CuNb	8	-	8	-	1003.7	+3	W	2	c	60	65	8	2500	CuNb	8	-	4	4
Castlebay	1003.3	+1	WSW	4	bc	55	92	8	2500	StC	6	-	6	-	1005.7	+1	SW	5	bc	55	92	8	2500	StC	4	-	4	4
Nairn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1005.2	W	WSW	4	bc	61	65	8	4000	StC	6	-	6	0
Aberdeen	1003.5	0	S	3	c	62	75	8	2500	Cu	7	-	7	0	1005.3	+3	W/N	3	b-	68	45	8	4000	StC	3	-	3	3
Malin Head	1005.7	+2	W	5	b	58	85	7	5700	Cu	2	-	2	-	1007.4	+2	W	5	c	57	92	9	5700	Cu	2	AC	7	3
Renfrew	1006.2	+2	W	4	o/r	61	75	8	4000	StC	10	-	10	-	1008.3	+3	W	3	bc-	61	65	9	5700	Cu	4	-	4	3
Edinburgh (Inchkeith)	1005.1	+1	WSW	5	o	60	75	7	-	St	4	ASC	10	-	1007.4	+3	WSW	4	bc-	59	75	8	-	Cu	2	AC	6	3
Leuchars	1004.3	0	SW	4	o	67	55	8	2500	StC	8	AC	9	0	1006.7	+3	W	4	bc	65	55	8	4000	StC	6	-	6	0
Baldernair	1007.2	+1	SW	3	odd	56	97	4	450	Nb	10	-	10	2	1009.0	+2	SW	4	c-	57	92	7	225	St	8	-	8	0
Tynemouth	1007.8	0	SW	4	o	66	75	6	4000	Nb	10	-	10	-	1009.0	+1	SW	3	bc-	64	75	6	4000	CuNb	4	-	4	1
Blackod Point	1007.7	+2	SW	4	bc	61	85	9	-	-	-	-	-	-	1008.7	0	WNW	4	b	59	75	9	-	-	-	-	3	3
Donaghadee	1008.0	+2	W	1	ct	64	65	8	800	Cu	7	-	7	-	1009.1	+1	-	0	bc-	61	85	8	1500	Cu	5	-	5	2
Birr Castle	1008.2	W	W	1	c/r	62	75	7	4000	StC	8	-	8	-	1008.9	W	W	1	c-	63	65	7	4000	StC	7	-	7	0
Holyhead	1010.2	+1	SSW	5	mm	56	97	3	450	St	10	-	10	5	1010.9	+1	SW's	4	ffo	55	97	2	1500	St	10	-	10	3
Liverpool (Bidston)	1010.2	0	SW's	3	o	63	75	8	1500	CuNb	9	-	9	1	1011.2	+1	SSW	3	o-	62	85	9	1500	CuNb	10	-	10	4
Chester (Shotwick)	1010.9	0	SW	3	o	64	75	8	1500	St	9	AC	10	1	1011.6	0	SW	4	ot	63	85	-	800	St	9	-	9	0
Spurn Head	1012.6	-1	SSW	4	o	65	75	7	4000	StC	10	-	10	-	1012.9	+1	SW	4	ot	64	85	7	2500	St	10	-	10	2
Birmingham (Edgbaston)	1012.8	0	SSW	3	o	58	92	6	4000	St	10	-	10	0	1013.9	0	SW	4	o	60	85	6	5700	St	10	-	10	0
Nottingham	1012.9	0	SW	4	o	61	85	7	2500	StC	10	-	10	0	1013.1	0	SW	3	o	63	75	8	2500	Nb	10	-	10	0
Cranwell	1013.4	0	SSW	4	o	64	75	6	1500	StC	10	-	10	0	1013.8	0	SW's	4	o	63	85	6	2500	St	10	-	10	0
Gorleston	1014.9	0	SE	4	ct	64	65	6	4000	StC	8	-	8	-	1015.5	0	SW	3	ot	64	75	6	4000	StC	10	-	10	0
Valencia (Oahiroveen)	1011.2	+1	W	2	o	60	75	8	2500	StC	6	ASC	9	1	1011.6	0	WSW	2	c-	60	75	8	2500	StC	6	ASC	8	3
Roches Point	1010.8	+1	SW	3	o	61	92	6	4000	St	10	-	10	-	1013.4	0	SSW	4	od	56	97	6	800	St	10	-	10	4
Pembroke (St. Ann's H.)	1013.2	0	SSW	4	o/p	56	97	6	800	St	10	-	10	1	1014.3	+1	SW	3	od	60	85	7	1500	Nb	10	-	10	0
Ross-on-Wye	1014.0	0	SW	3	o/p	56	85	7	1500	Nb	10	-	10	0	1016.1	0	SW	1	od	61	85	7	-	Nb	10	-	10	0
Benson	1015.0	-1	SW	3	o/p	61	75	7	-	Nb	10	-	10	0	1016.1	0	SW	1	od	61	85	7	-	Nb	10	-	10	0
Andover	1015.9	0	SW's	4	o/r	60	92	7	1500	Nb	10	-	10	0	1015.9	0	SW	4	o/r	61	85	7	2500	StC	10	-	10	0
S. Farnborough	1015.8	0	SW	3	o/r	61	75	7	2500	StC	10	-	10	0	1015.8	0	SW	3	od	62	75	8	1500	StC	10	-	10	0
London (Kew Obs.)	1015.4	0	SSW	3	o	65	65	8	2500	StC	8	ASC	10	0	1015.9	0	SW	3	o	62	75	8	2500	StC	10	-	10	0
Croydon	1016.1	-1	SW	3	o/r	63	65	8	2500	StC	10	-	10	0	1016.3	0	SWW	3	o/r	61	75	8	2500	StC	10	-	10	0
Clacton-on-Sea	1015.8	-1	SW	4	o/p	65	65	7	2500	StC	7	Cu	9	-	1015.8	0	SSW	4	o	64	75	7	4000	St	7	AC	9	1
Shoeburyness	1015.8	-1	SW	4	o/p	65	65	7	2500	StC	7	Cu	9	-	1016.0	0	WSW	3	o	62	75	7	1500	StC	10	-	10	0
Grain	1015.9	-1	SW's	4	o	63	75	7	4000	StC	8	AC	9	0	1016.2	0	SW's	4	o	62	75	8	4000	StC	9	AC	10	0
Lymington	1017.0	-1	SW	4	c	62	85	7	1500	StC	8	AC	8	-	1017.1	0	WSW	4	c	59	85	7	1500	StC	7	AC	8	0
Boily (St. Mary's)	1016.0	0	SWW	4	o	62	85	6	4000	StC	10	-	10	-	1016.1	0	SWW	4	c	60	85	6	4000	StC	10	-	10	4
Plymouth (Pendennis)	1016.3	0	WSW	5	o	61	75	8	4000	StC	10	-	10	0	1015.8	0	WSW	5	c-	61	75	8	4000	StC	7	-	7	0
Plymouth (Cattewater)	1015.7	0	WSW	5	o	61	85	7	2500	St	10	-	10	0	1016.0	0	SW	5	o-	60	85	7	4000	StC	10	-	10	0
Portland Bill	1016.2	+1	WSW	3	o	58	92	6	2500	St	10	-	10	0	1016.4	0	SW	4	o	58	92	6	2500	St	10	-	10	3
Southampton (Calshot)	1016.6	0	SW	3	o	61	85	7	800	St	10	-	10	0	1016.9	0	SW	4	o/r	59	92	6	800	StC	10	-	10	0
Dungeness	1017.3	0	SW	4	bc	61	85	7	-	-	0	AC	4	-	1017.3	0	SW	3	bc	59	85	7	-	-	0	AC	5	13
Jersey	1018.2	0	W	3	o	63	65	8	4000	StC	10	-	10	-	1018.8	0	W	3	o	63	65	8	4000	StC	10	-	10	0

LONDON OBSERVATIONS.										TEMPERATURE.				RAIN-FALL.		SUNSHINE.		HUMIDITY.		ATMOSPHERIC POLLUTION.				CODE FOR STATE OF GROUND.			
										Morning.	Afternoon.	Night.	Max. of.	Min. of.	Min. on Grass.	Day.	Night.	15h. G.M.T.	9h. G.M.T.	Milligrams of Solid Impurity per cubic metre.		24 Hr. ended 1800 G.M.T.					
Kew										3.38	6.0	0.0	68	57	54	0.4	0.4	73	63	24 Hr. ended 0700		3.38 6.0 0.0 68 57 54 0.4 0.4 73 63					
Croydon										3.38	6.0	0.0	68	57	54	0.4	0.4	73	63	24 hours ended 0700		3.38 6.0 0.0 68 57 54 0.4 0.4 73 63					
Greenwich (Royal Obs.)										3.38	6.0	0.0	68	57	54	0.4	0.4	73	63	24 hours ended 0700		3.38 6.0 0.0 68 57 54 0.4 0.4 73 63					
City (Bunhill Row)										3.38	6.0	0.0	68	57	54	0.4	0.4	73	63	24 hours ended 0700		3.38 6.0 0.0 68 57 54 0.4 0.4 73 63					
Westminster (St. James' Pl.)										3.38	6.0	0.0	68	57	54	0.4	0.4	73	63	24 hours ended 0700		3.38 6.0 0.0 68 57 54 0.4 0.4 73 63					
Regent's Pl. (Botanic Gdm.)										3.38	6.0	0.0	68	57	54	0.4	0.4	73	63	24 hours ended 0700		3.38 6.0 0.0 68 57 54 0.4 0.4 73 63					
Oxenden Square										3.38	6.0	0.0	68	57	54	0.4	0.4	73	63	24 hours ended 0700		3.38 6.0 0.0 68 57 54 0.4 0.4 73 63					
Kensington Palace										3.38	6.0	0.0	68	57	54	0.4	0.4	73	63	24 hours ended 0700		3.38 6.0 0.0 68 57 54 0.4 0.4 73 63					
Hampstead Observatory										3.38	6.0	0.0	68	57	54	0.4	0.4	73	63	24 hours ended 0700		3.38 6.0 0.0 68 57 54 0.4 0.4 73 63					

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.				BRADFORD NOTATION OF WEATHER.				THE BRADFORD SCALE OF WIND.			

SUMMARIES FOR THE PAST 24 HOURS.													SUN. 3 ^d
STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.				Hours.	
	7h.-12h. 3'	12h.-18h. 3'	18h.-24h. 3'	1h.-7h. 4'	MAX. Day. 7h.-12h.	MIN. Night. 12h.-18h.	MIN. on GRASS. 18h.-24h.	Day. 7h.-12h. mm.	Night. 12h.-18h. mm.	Precipitation began.	Precipitation ended.		
Lerwick ...	cp	bc	bc	bc	59	51	.	trace	-	<0800	-	4.1	
Stornoway ...	r-d	c	c	c	59	?	.	1	-	1100	-	8.2	
Wick ...	c	cpc	bbc	bbc	63	47	.	0.3	-	1330	-	.	
Castlebay ...	obe	cbe	bc	bco	56	53	.	-	-	-	-	8.9	
Nairn ...	bcjbr	cbeq	bcgc	cq	66	52	.	0.4	-	1330	-	6.9	
Aberdeen ...	c	cbeq	b	b	71	47	36	-	-	-	-	8.2	
Malin Head ...	pcbe	bccov	cov	cobcv	59	49	.	0.4	-	<0800	-	8.8	
Renfrew ...	or	ocbcv	bcco	om	65	49	46	1	-	<0800	-	0.1	
Edinburgh (Inchkeith) ...	oo	c	c	c	62	53	45	-	-	-	-	7.2	
Leuchars ...	ogro	ocbc	bcb	bcb	70	47	33	trace	-	1100	-	9.2	
Eskdalemuir ...	oluw	adoc	cocfec	omo	60	51	52	4	-	<0800	-	0.3	
Tynemouth ...	oomq	mq	bbc	bbe	66	55	50	-	-	-	-	.	
Blackad Point ...	b-bc	c	c	c	61	50	.	-	-	-	-	.	
Donaghadee ...	bc	bc	bc	c	67	48	.	0.5	-	0900	-	.	
Birr Castle ...	or c	co	c	co	68	54	50	0.1	-	<0800	-	5.6	
Holyhead ...	klm	idf	offe	ommrr	58	53	53	0.1	5	<0800	0530	0.0	
Liverpool (Bidston) ...	oo	o	oc	oc	64	58	55	-	-	-	-	0.0	
Chester (Shotwick) ...	adco	ooc	oco	odcgm	66	59	56	trace	0.5	<0800	0330	1.1	
Spurn Head ...	c	c	oo	oo	66	57	53	-	-	-	-	1.2	
Birmingham (Edgbaston) ...	or	om	o	om	61	55	56	-	-	-	-	3.0	
Nottingham ...	opg	pa	o	oo	64	58	56	trace	-	0900	-	0.0	
Cranwell ...	opg	ampro	oo	om	68	58	56	trace	-	1430	-	1.6	
Gorleston ...	bcc	c	oo	ocbc	68	58	52	-	-	-	-	4.5	
Valencia (Cahirciveen) ...	oido	oc	bcco	coc	60	56	53	0.1	-	<0800	-	1.3	
Roche Point ...	omeo	o	o	o	61	57	55	-	-	-	-	0.0	
Pembroke (St. Ann's H.) ...	opd	opdf	off	off	58	55	.	2	trace	<0800	<2100	0.0	
Ross-on-Wye ...	pop	iaob	oco	oo	61	57	55	0.6	-	0900	-	0.0	
Benson ...	fo	ar	ro	o	65	57	55	0.5	0.1	1730	<2100	.	
Andover ...	oor	oro	oo	oo	64	54	54	0.5	-	1230	-	0.1	
S. Farnborough ...	opo	oprad	c	ocb	67	54	52	trace	-	<0800	-	1.1	
London (Kew Obs.) ...	ommo	arzo	o	oc	65	58	54	trace	-	1530	-	0.4	
Croydon ...	ompe	opr	o	omcb	64	55	53	0.2	-	1100	-	1.4	
Glacton-on-Sea ...	bez	becp2	coz	ogz	65	58	57	trace	-	1430	-	5.7	
Shoeburyness ...	omco	o	o	om	70	57	56	-	-	-	-	4.1	
Grain ...	omoco	o	oo	oocbc	69	57	56	-	-	1100	-	2.4	
Lymington ...	omc	cac	cbbc	bccom	65	54	50	-	trace	-	-	3.4	
Seilly (St. Mary's) ...	omv	o	om	oo	63	56	.	-	-	-	-	0.3	
Falmouth (Pendennis) ...	co	cobc	bcco	bccod	63	57	.	-	trace	-	0630	0.3	
Plymouth (Cattewater) ...	opo	o	obco	oo	62	57	56	trace	-	0900	-	0.4	
Portland Bill ...	oo	o	c	c	59	53	.	-	-	-	-	.	
Southampton (Calshot) ...	oo	r	c	c	62	55	52	trace	-	1100	-	0.2	
Dungeness ...	b-bc	bbe	c	bbe	63	56	.	-	-	-	-	.	
Jersey ...	oco	oco	oco	oco	65	58	.	-	-	-	-	0.5	



Observations from Cross Channel Steamers.					
Position	Date and Time	Steamship	Wind, Direc. Force.	Weather.	Temp. Air. Sea.
1	3:1000	Cambridge	SSW 3	cc	57 52
2	4:0300	Brighton	SW 3	c	58 56

GENERAL INFERENCE.

The depression near Iceland is filling up slowly and pressure is becoming relatively high over the Continent. Winds will be light or moderate from S. or S.W. with improving weather and a higher temperature, particularly in the Southeastern and Eastern districts.

Districts.	Forecasts for the 24 hours commencing 15h G.M.T. Wednesday, 4th July, 1923.	Further Outlook.
1. S.E. England	Light S.W. or S. winds; mainly fair; morning mist locally; warmer.	Mainly fair, dr weather for a day or two.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England	Wind mainly S.W. or S., light; fair periods, slight local showers or drizzle; mist in places; somewhat warmer.	
6. South Wales		
7. North Wales		
8. N.W. England		
9. N. Midlands	As 1 - 4.	
10. N.E. England		
11. E. Scotland	As 5 - 8.	
12. S.W. Scotland		
13. Isle of Man	Winds SW. or S., light or moderate; cloudy, fair intervals, local showers or drizzle; visibility moderate; moderate temperature.	
14. N. & N.W. Scotland		
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland	As 5 - 8.	

SYNOPTIC CHART FOR 7h.

Wednesday, 4th JULY, 1923.

Scale - 1:10,000,000

Nautical Miles
Statute Miles

10

5°W

5°E

Change from
half millibars
to
whole
Temp.
Sea
52
°C
Land
pressure
over
1 be
or S.W.
a
ularly
stern

clock.

air, dr
a day

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

EXPLANATION
Isobars are drawn for intervals of two millibars.
Direction is shown by arrows flying with the wind.
Mean velocity is shown in miles per hour by figures in small circles.
Temperature is given in " F

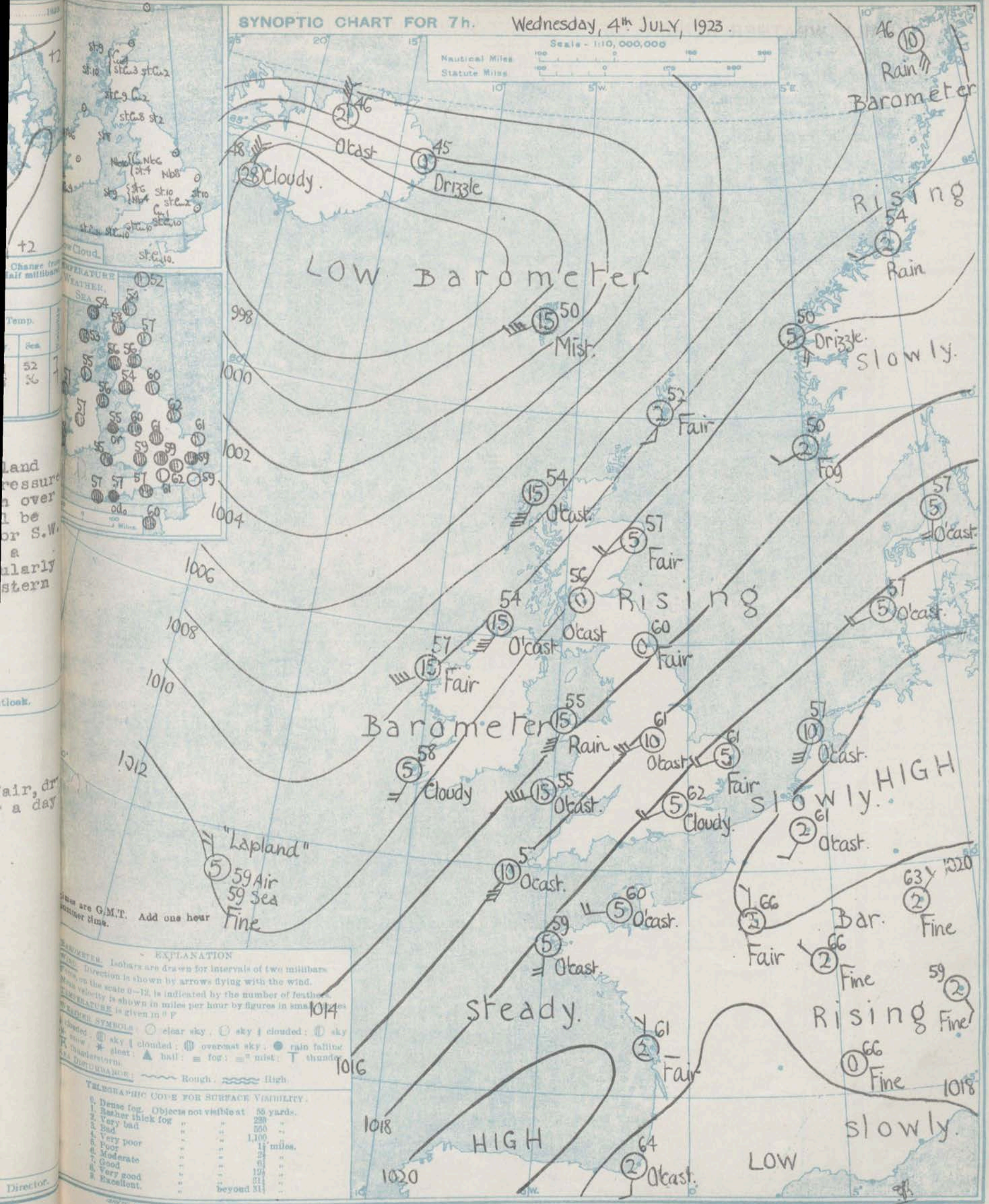
WEATHER SYMBOLS
○ clear sky, ○ sky & clouded: ○ sky
clouded, ○ sky & clouded: ○ overcast sky, ● rain falling
* snow, * frost, ▲ hail: = fog: = mist: T thunder

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.
0. Dense fog. Objects not visible at 50 yards.
1. Rather thick fog " " 200 "
2. Very bad " " 500 "
3. Bad " " 1,000 "
4. Very poor " " 1 1/2 miles.
5. Poor " " 2 "
6. Moderate " " 3 "
7. Good " " 5 "
8. Very good " " 10 "
9. Excellent. " " beyond 10 "

Director.

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No. 185.

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† See footnote page 1.

BRITISH SECTION.

No. B.22505

THURSDAY, 5TH JULY 1923.

Page 1.

[illegible]

LONDON OBSERVATIONS.				WEATHER.			TEMPERATURE.			RAIN-FALL.		SUN-SHINE.		HUMIDITY.		ATMOSPHERIC POLLUTION.		POLAR STAR RECORD at Greenwich Obey.			CODE FOR STATE OF GROUND.		
				Morn-ing.	After-noon.	Night.	Max. of.	Min. of.	Min. on Grass. of.	Day.	Night.	h. m.	h. m.	15h. G.M.T. %	9h. G.M.T. %	Milligrams of Solid Impurity per cubic metre.							
				24 HOURS ENDED 0000 G.M.T.						YESTERDAY.		TO-DAY.		24 Hrs. ended 1800 G.M.T.		Exposure from							
																	Max.	Time.	Min.	Time.			

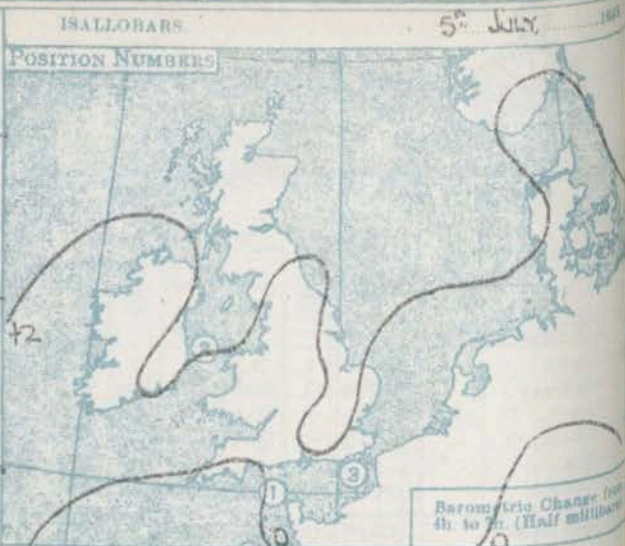
¹ For explanation see Introduction.

* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

§ For code see page 5.

SUMMARIES FOR THE PAST 24 HOURS.													SUN. 4th
STATIONS	WEATHER.				TEMPERATURE.			RAINFALL†					
	7h-12h. A	12h-18h. A	18h-4h. to 1h-5h.	1h-7h. 5	MAX. Day. 7h-12h.	MIN. Night. 12h-7h.	MIN. on GRAVE	Day. 7h-12h. mm.	Night. 12h-7h. mm.	Precipitation began.	Precipitation began.		
Lerwick ...	c	c	c	b	54	50	.	-	-	-	-	4.5	
Stornoway ...	p	c	c	c	60	51	.	-	-	-	-	2.2	
Wick ...	b-bc	c	c	b-bc	61	49	.	-	-	-	-	.	
Castlebay ...	c	o-bc	c-fc	c	58	52	.	-	-	-	-	4.4	
Nairn ...	c-bc	q-bc	b	b	70	49	.	-	-	-	-	9.4	
Aberdeen ...	b-bc	c-o p-o	b	b	66	52	44	Trace	-	1530	-	6.3	
Malin Head ...	b-cv	c-v	c-v	b-c-v	66	50	.	-	-	-	-	12.9	
Renfrew ...	o-m-c	o-b-c-b	o	o	64	56	56	-	Trace	-	-	4.9	
Edinburgh (Inchkeith) ...	c	o	o	o	65	56	55	0.4	Trace	1330	-	4.1	
Leuchars ...	c	o	o	o	69	53	44	Trace	-	1430	-	6.1	
Bekdalemuir ...	o-o-d-m	o-a-m-f	o-f	o-r-d-m	57	53	54	4	4	10800	<2100	0.1	
Tynemouth ...	o-i-d	o	b-b	o	68	54	51	Trace	-	1100	-	.	
Blackod Point ...	b-bc	b-bc	c	c	62	50	.	-	-	-	-	.	
Donaghadee ...	c	o	c	c	62	53	.	0.2	-	1100	-	.	
Birr Castle ...	c	o-r	o-r	c	65	55	54	0.4	4	10800	<2100	0.2	
Holyhead ...	m-r-g-d	o-i-d	o-i-d-m	i-d-f	59	56	55	2	0.4	10800	<2100	0.0	
Liverpool (Bidston) ...	o-c	o	o-b	c	64	52	49	0.4	-	10800	-	0.5	
Chester (Shotwick) ...	o-i-r-o	o	o-c	b-c-b-m	65	49	44	Trace	-	10800	-	0.1	
Spurn Head ...	c	b-bc	o	c	52	38	.	-	-	-	-	2.3	
Birmingham (Edgbaston) ...	o	o	o	m-b	66	53	53	-	-	-	-	0.1	
Nottingham ...	o	o	o	c	67	55	54	-	-	-	-	0.1	
Cranwell ...	o	o	o	o-m	67	51	51	-	-	-	-	0.4	
Gorleston ...	b-c	o-b-c-b	b	b-b-c	69	54	43	-	-	-	-	5.2	
Valencia (Cahirveen) ...	c	o	c-o-d-r	o-r-a-d	63	55	54	-	4	-	1200	0.2	
Roche Point ...	o-d-f	o-d-f	d-d-f	d-d-f	58	54	.	1	3	10800	<2100	2	
Pembroke (St. Ann's H.) ...	o-i-z	c	o-f	o-f	60	54	.	-	-	-	-	0.4	
Ross-on-Wye ...	o	o	o	o-b-c	65	53	54	-	0.2	-	<2100	0.2	
Benson ...	o	b-c-b	o	b-b-c	73	44	34	-	-	-	-	.	
Andover ...	o	c-b	c-b-c-b	b-m-w	69	42	38	-	-	-	-	4.4	
S. Farnborough ...	b-c	b-c-y	b-c	b-c	71	44	40	-	-	-	-	10.0	
London (Kew Obs.) ...	o-b-c-y	b-c-y-b-y	b-y-b-b	b-b-m-w	73	51	41	-	-	-	-	8.3	
Oxford ...	b-b-c-y	b-c-y	b-y-m-c	c-b-m-w	71	53	48	-	-	-	-	10.4	
Glaston-on-Sea ...	o-g-c-z	c-b-c-z	b-b-z	b-y-b-m	64	55	48	-	-	-	-	8.4	
Shoeburyness ...	o-m-b-c-b-y	b-y	b-y	b-y	63	44	41	-	Trace	-	-	10.2	
Grain ...	b-b-c-b	b-c-y-b-b	c-b	b-b-m	62	51	41	-	-	-	-	10.9	
Lymington ...	o-m-b-c	b-b-c	b	b-w	67	52	41	-	Trace	-	-	11.4	
Seilly (St. Mary's) ...	o-m	o-m-i-f	f-c	o-a-i-f	64	56	.	-	0.2	-	0.100	0.5	
Falmouth (Pendennis) ...	o-m-t-c	c	c-m-a-f	f-c-m	62	54	.	-	2	-	<2100	0.2	
Plymouth (Cattewater) ...	o	o	o	o	60	54	54	-	-	-	-	0.0	
Portland Bill ...	c	c	c	b	62	53	.	-	-	-	-	.	
Southampton (Calshot) ...	o	o	b-b	c	64	52	45	-	-	-	-	0.4	
Dungeness ...	b-bc	b-bc	b-b	b-b	65	54	.	-	-	-	-	.	
Jersey ...	o-c	o-c-b	b	b-b-c	64	54	.	-	0.2	-	0.200	10.5	



Observations from Cross Channel Steamers.							
Position.	Date and Time.	Steamship.	Wind.		Weather.	Temp.	
			Dirac.	Force		Air.	Sea.
2	4 th 1000	CANBARI	3	5	00	56	56
3	5 th 0200	DUNDEE	NINE	1	6	58	57

GENERAL INFERENCE.

The depression near Iceland continues to fill up, and anticyclonic conditions are developing over the British Isles. Quiet, warm weather is probable, and day temperatures in many places will be markedly in excess of normal. Conditions are favourable for some coastal fog.

Districts.

Forecasts for the 24 hours commencing 15h. G.M.T.

Thursday, 5th July, 1923.

Further Outlook.

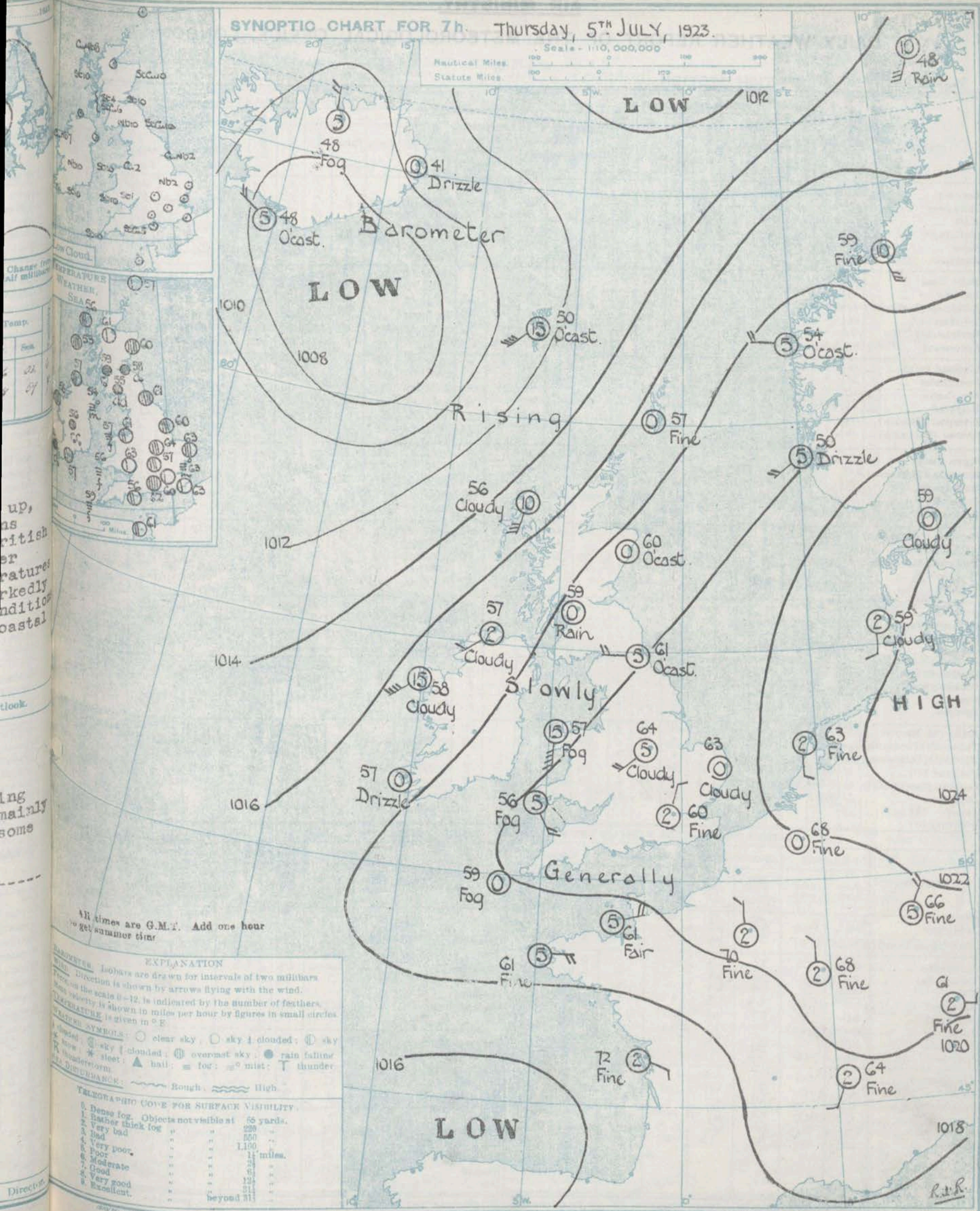
1. S.E. England
2. E. England
3. E. Midlands
4. W. Midlands
5. S.W. England
6. South Wales
7. North Wales
8. N.W. England
9. N. Midlands
10. N.E. England
11. E. Scotland
12. S.W. Scotland
13. Isle of Man
14. N. & N.W. Scotland
15. Hebrides
16. Orkneys and Shetlands
17. N.W. Ireland
18. N.E. Ireland
19. S.E. Ireland
20. S.W. Ireland

Light indefinite winds; fair and warm; some coastal fog in places and morning mist inland.

Continuing warm and mainly fair for some days.

SYNOPTIC CHART FOR 7h. Thursday, 5th JULY, 1923.

Scale - 1:110,000,000
Nautical Miles 0 100 200 300
Statute Miles 0 100 200 300



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

EXPLANATION

ISOBARS. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind.
Force, on the scale 0-12, is indicated by the number of feathers.
WIND VELOCITY. Is shown in miles per hour by figures in small circles.
TEMPERATURE. Is given in °F.

WEATHER SYMBOLS: ○ clear sky; ○ sky 1/4 clouded; ○ sky 1/2 clouded; ○ sky 3/4 clouded; ○ sky clouded; ○ overcast sky; ● rain falling; * snow; * sleet; ▲ hail; = fog; = mist; T thunder.

SEA DISTURBANCE: ~~~~~ Rough; ~~~~~ High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

0. Dense fog.	Objects not visible at 50 yards.
1. Rather thick fog.	" " 100 "
2. Very bad fog.	" " 200 "
3. Bad.	" " 500 "
4. Very poor.	" " 1,000 "
5. Poor.	" " 1 1/2 miles.
6. Moderate.	" " 2 1/2 "
7. Good.	" " 3 1/2 "
8. Very good.	" " 5 "
9. Excellent.	" " beyond 5 "

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION. THURSDAY 5th JULY

1923.

No. 186

STATIONS.	Height above M.S.L. in feet.	Observations at 0100 G.M.T.											Observations at 0700 G.M.T.														
		Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. of Air.	Humidity. %.	Visibility in Miles.	Cloud.			Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. of Air.	Humidity. %.	Visibility in Miles.	Cloud.						
				Direc.	Force.					Height in Feet.	Form.	Amount.			Direc.	Force.					Height in Feet.	Form.	Amount.				
																								0-12	0-10	0-10	0-12	0-10	0-10
Lerwick ...	34	1014.0	+1	SW	1	C	51	94	6	-	-	0	A St	8	1016.6	+3	-	0	54	95	4	-	-	0	A Cu	2	
Stornoway ...	57	1013.1	+3	SW	4	bc	50	85	5	-	-	0	A St	4	1015.6	+3	SW	3	C	56	85	4	4000	A Cu	8	8	
Wick ...	31	1014.1	+2	SW	1	C	53	85	8	500	St	5	A Cu	4	1014.0	+3	S	1	0	53	85	8	-	-	0	Ci	3
Castlebay ...	34	"	"	"	"	"	"	"	"	"	"	"	"	"	1016.8	+2	SW	3	0	53	94	4	800	St	10	10	
Nairn ...	52	"	"	"	"	"	"	"	"	"	"	"	"	"	1014.0	"	"	0	0	61	65	8	-	-	0	Ci	3
Aberdeen ...	46	"	"	"	"	"	"	"	"	"	"	"	"	"	1013.4	+0	"	0	0	60	70	6	4000	St Cu	10	10	
Malin Head ...	41	1013.2	+1	S	1	b	52	85	8	-	-	0	A Cu	3	1014.2	+2	SW	1	C	54	85	8	-	-	0	A Cu	8
Renfrew ...	49	"	"	"	"	"	"	"	"	"	"	"	"	"	1013.4	+3	"	0	0	57	94	6	1500	St Cu	10	10	
Edinburgh (Inchkeith) ...	100	1016.4	+3	W	1	0	56	94	8	-	St	4	A St	10	1018.6	+2	"	0	0	58	85	4	"	St	10	10	
Loughs ...	36	"	"	"	"	"	"	"	"	"	"	"	"	"	1018.5	+4	"	0	0	60	85	4	4000	St	10	10	
Bakdalemuir ...	444	"	"	"	"	"	"	"	"	"	"	"	"	"	1019.3	+2	SW	4	odd	55	94	5	450	Nb	10	10	
Tynemouth ...	118	1014.2	+3	W/S	1	b	59	85	4	800	St	2	C Cu	3	1019.6	+1	W	2	0	64	75	6	4000	St Cu	10	10	
Blackrod Point ...	10	"	"	"	"	"	"	"	"	"	"	"	"	"	1016.4	+1	SW	4	C	58	85	8	"	"	4	10	
Donaghadee ...	35	"	"	"	"	"	"	"	"	"	"	"	"	"	1018.1	+1	SE	1	mo	54	94	5	"	"	0	A St	10
Birr Castle ...	145	"	"	"	"	"	"	"	"	"	"	"	"	"	1017.1	"	SW	1	0	56	94	5	1500	Nb	10	10	
Holyhead ...	26	1018.1	+1	S/E	4	mo	54	94	6	450	St	10	"	"	1019.6	+2	S	4	ffo	54	94	3	450	St	10	10	
Liverpool (Bidston) ...	189	"	"	"	"	"	"	"	"	"	"	"	"	"	1020.1	+2	SE	1	bc	61	75	4	4000	St	2	Ci St	10
Chester (Shotwick) ...	16	"	"	"	"	"	"	"	"	"	"	"	"	"	1020.1	+2	SE	2	0	61	85	6	4000	St Cu	2	Ci	10
Spurn Head ...	26	1014.4	+2	"	0	0	60	92	6	4000	St Cu	10	"	"	1021.6	+3	SE	2	C	60	92	6	2500	Cu Nb	2	A Cu	4
Birmingham (Edgbaston) ...	525	"	"	"	"	"	"	"	"	"	"	"	"	"	1021.6	+1	SW	1	bc	62	85	6	"	"	0	A Cu	10
Nottingham ...	81	"	"	"	"	"	"	"	"	"	"	"	"	"	1021.3	+2	SW	2	C	64	65	4	1500	Nb	2	Ci St	10
Cranwell ...	124	1020.4	+2	SW/W	1	0	59	85	6	4000	St Cu	10	"	"	1021.8	+2	W/S	1	C	63	75	4	4000	St Cu	4	Ci St	10
Gorleston ...	10	1020.8	+1	"	0	0	58	85	6	"	"	0	"	"	1021.9	+1	"	0	C	63	75	6	"	"	0	A Cu	10
Valencia (Cahirovee) ...	30	1016.2	+2	"	0	0	56	94	8	"	St	10	"	"	1014.1	+1	"	0	0	54	92	5	450	St	8	A St	10
Rothes Point ...	22	"	"	"	"	"	"	"	"	"	"	"	"	"	1018.6	+3	S	1	0	54	94	6	215	St	10	10	
Pembroke (St. Ann's H.) ...	149	1019.3	+1	S	3	FFO	53	94	1	150	St	10	"	"	1021.3	+1	SE	2	FFO	56	94	1	150	St	10	10	
Ross-on-Wye ...	223	"	"	"	"	"	"	"	"	"	"	"	"	"	1020.9	+1	SE	1	0	63	75	6	2500	St	1	Ci Cu	10
Benson ...	176	"	"	"	"	"	"	"	"	"	"	"	"	"	1022.0	+1	WSW	1	C	54	85	4	"	"	0	A Cu	10
Andover ...	195	"	"	"	"	"	"	"	"	"	"	"	"	"	1022.0	+1	"	0	0	55	94	6	5000	St Cu	10	10	
S. Farnborough ...	130	"	"	"	"	"	"	"	"	"	"	"	"	"	1022.0	+2	"	0	0	62	75	6	"	"	0	A Cu	10
London (Kew Obs.) ...	18	"	"	"	"	"	35	"	"	"	"	"	"	"	1021.6	+1	N/E	1	0	60	75	6	"	"	0	Ci St	10
Croydon ...	244	1021.0	0	SW	2	C	56	85	4	2000	St Cu	8	"	"	1021.8	0	"	0	0	62	75	6	"	"	0	A Cu	10
Clacton-on-Sea ...	54	"	"	"	"	"	"	"	"	"	"	"	"	"	1021.3	+2	W	1	bc	63	85	6	"	"	0	A Cu	4
Shoeburyness ...	11	"	"	"	"	"	"	"	"	"	"	"	"	"	1021.5	+2	NE	1	mb	66	65	5	"	"	0	Ci Cu	1
Grain ...	20	"	"	"	"	"	"	"	"	"	"	"	"	"	1022.4	+2	"	0	0	63	75	5	"	"	0	Ci	1
Lymington ...	300	1021.5	+1	ENE	2	0	56	85	4	"	"	0	"	"	1021.9	+1	E	2	0	63	75	4	"	"	0	Ci	1
Seilly (St. Mary's) ...	151	1019.8	+2	SW	2	off	54	94	8	4000	St Cu	10	"	"	1020.0	0	"	0	0	59	94	2	1500	St	10	10	
Falmouth (Pendennis) ...	100	1020.9	+2	SW	2	mo	54	92	4	800	St Cu	10	"	"	1020.3	+2	SE	2	0	58	94	6	1500	St Cu	10	10	
Plymouth (Cattewater) ...	82	"	"	"	"	"	"	"	"	"	"	"	"	"	1021.1	+2	SSW	1	0	58	92	6	2500	St	10	10	
Portland Bill ...	19	1020.4	+4	ENE	1	b	53	92	4	"	"	0	"	"	1020.4	0	SE	1	bc	56	85	4	4000	St Cu	5	10	
Southampton (Cassini) ...	12	1021.4	+1	"	0	0	52	94	6	"	"	0	"	"	1021.8	+1	NNW	2	0	54	85	6	"	"	0	N Cu	10
Dungeness ...	21	1021.0	+1	S	2	0	54	85	8	"	"	0	"	"	1022.0	+1	E	2	0	63	75	4	"	"	0	Ci St	10
Jersey 7th ...	25	"	"	"	"	"	"	"	"	"	"	"	"	"	1019.9	0	E	2	bc	61	75	4	"	"	0	A Cu	10
Guernsey 1st ...	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.	
	Fore-noon.	After-noon.	Min. Night. 3°-4°	Max. Day. 4°	Night 17h.-9h. 3-4	Day 9h.-17h. 4	Sunrise to 17h. 4	Sunrise to Sunset. 3-4		Fore-noon.	After-noon.	Min. Night. 3°-4°	Max. Day. 4°	Night 17h.-9h. 3-4	Day 9h.-17h. 4	Sunrise to 17h. 4	Sunrise to Sunset. 3-4
Montrose ...	bec	bec	50	65	mm.	mm.	8.1	8.0	Ilfracombe ...	od	od	58	63	-	-	0.0	0.0
Berwick-on-Tweed	bbecr	pror	51	66	-	0.2	3.1	2.2	Bude ...	do	do	58	64	-	-	0.0	0.0
Llandudno ...	oc	c	57	66	0.1	-	0.8	2.7	Penzance ...	oc	com	58	65	-	-	0.0	0.0
Colwyn Bay ...	c	bc	58	68	-	-	6.3	1.9	Paignton ...	o	o	56	64	-	-	0.0	0.0
Rhyl ...	bcc	c	58	64	-	-	0.2	2.2	Terquay ...	o	o	56	64	-	-	0.0	0.0
Southport ...	ra	oco	58	65	1	-	0.0	0.0	Weymouth ...	o	bc	55	69	-	-	2.1	0.0
Blackpool ...	od	o	57	64	0.1	0.2	0.0	0.0	Bournemouth ...	oc	bec	55	69	-	-	1.5	0.5
Ilkley ...	ampo	gbcc	59	70	trace	-	1.3	0.2	Portsmouth (S'haen)	o	o	56	69	-	-	0.5	0.3
Harrogate ...	od	c	57	66	-	-	1.0	0.3	Worthing ...	c	bcc	57	68	-	-	6.3	0.3
Skewness ...	c	o	58	71	-	-	1.9	1.2	Brighton ...	c	c	57	66	-	-	7.1	1.4
Aberystwyth ...	oc	co	58	64	-	-	0.0	0.0	Eastbourne ...	bc	b	56	67	-	-	9.2	-
Bath ...	o	co	57	67	-	-	0.5	0.0	Hastings ...	bc	b	55	65	-	-	10.0	5.0
Leamington Spa ...	o	co	55	67	-	-	0.4	0.0	Paxton ...	bc	b	55	68	-	-	9.6	1.0
Lowestoft ...	o	oc	59	67	-	-	3.3	4.6	Tasbridge Wells ...	bc	b	53	71	-	-	7.8	1.0
Felixstowe ...	om	b	58	67	0.3	-	6.0	5.7	Reigate ...	bc	b	54	70	-	-	7.2	1.0
Southend ...	bc	b	57	73	-	-	7.6	3.0	Margate ...	bcc	b	58	70	-	-	6.6	4.6
									Deal ...	bc	b	54	69	-	-	8.2	-

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

* Information for these columns not usually received.

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

‡ For code see page 2.

§ See footnote page 1.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.22,226

FRIDAY, 6th JULY, 1923.

Page 1

BRITISH SECTION.										No. B. 22, 226										T. B. 12,									
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LONDON OBSERVATIONS.

Kew	{ 24 hours ended 07
Croydon	
Greenwich (Royal Obs.)	
City (Bunhill Row)	
Westminster (St. James' Pk)	
Regent's Pk. (Botanic Gdn)	
Camden Square	
Kensington Palace	
Hampstead Observatory	

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

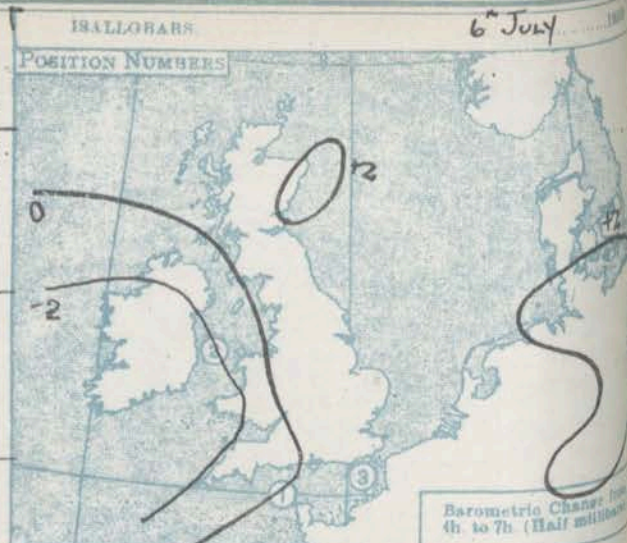
STATION, CROFTON,				
Time.	Type.	No. per 1 sec.	Stead.	Dir.
13h.	C	5	-	140
12h.	C	5	-	130
01h.	C ₁	5	-	100
07h.	F	2	-	105

For explanation see Introduction.

Information for these columns not usually received.

The barometric change is

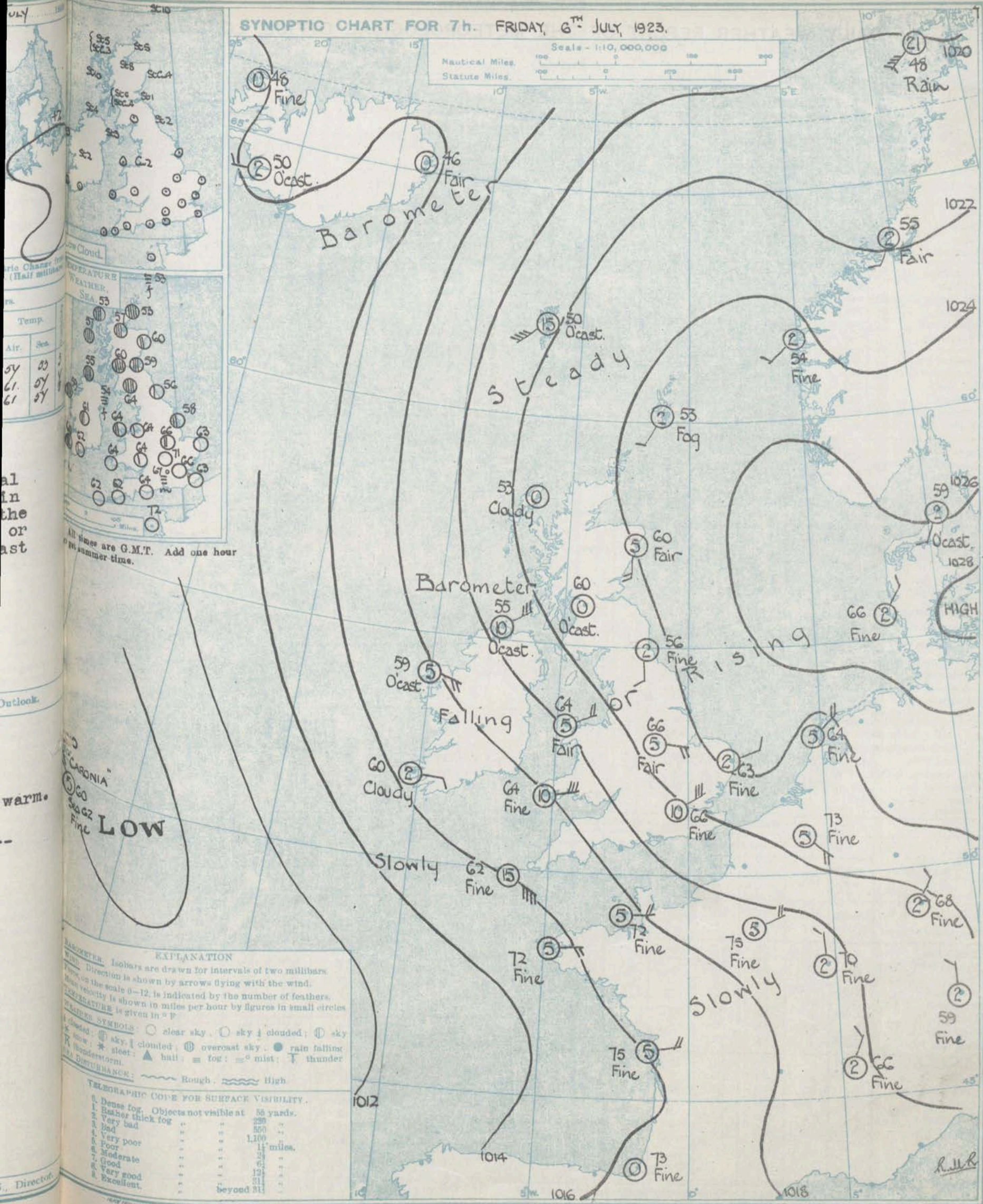
SUMMARIES FOR THE PAST 24 HOURS.													Sun. 5 ^h
STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL†				Hours.	
	7h-13h. 5 ^h	13h-18h. 5 ^h	18h-5 ^h to 1h. 6 ^h	1h-7h. 6 ^h	MAX. Day. 7h-13h.	MIN. Night. 13h-7h.	MIN. on GRASS.	Day. 7h-13h. mm.	Night. 13h-7h. mm.	Precipitation began.	Precipitation began.		
Lerwick ...	b	b	b	cf	62	48	.	-	-	-	-	15.2	
Stornoway ...	c	c	bbc	c	62	44	.	-	-	-	-	10.6	
Wick ...	o	o	oo	om	61	52	.	-	-	-	-	.	
Castlebay ...	o	acom	oco	o	54	54	.	-	-	-	-	2.5	
Nairn ...	bbc	bce	mc	mdc	69	54	.	-	0.4	-	0230	5.5	
Aberdeen ...	acom	acbez	copr	ocm	64	55	52	trace	0.6	1230	2400	2.0	
Malin Head ...	cov	coifo	ffbe	ffbe	59	53	.	0.3	-	1530	-	0.3	
Renfrew ...	or	ooz	ommm	om	64	53	46	0.2	-	10800	-	0.1	
Edinburgh(Inchkeith) ...	md	o	oo	om	63	56	54	trace	-	1100	-	0.2	
Leuchars ...	opro	o	oom	om	69	53	42	trace	-	0900	-	1.1	
Eskdalemuir ...	oom	omo	oco	oc	62	55	52	2	-	1000	-	0.6	
Tynemouth ...	o	o	oo	bblm	64	54	44	-	-	-	-	.	
Blackod Point ...	c	o	oo	oo	62	53	.	-	-	-	-	.	
Donaghadee ...	ffd	omp	e	bef	62	53	.	0.5	-	10800	-	.	
Birr Castle ...	or	co	co	coz	65	56	45	0.3	Trace	10800	-	0.1	
Holyhead ...	offim	mgebc	coabe	bbe	66	56	40	Trace	-	-	-	5.2	
Liverpool(Bidston) ...	bbeo	bbe	bcm	bcm	71	58	52	-	-	-	-	4.5	
Chester(Shotwick) ...	bmdcoo	acbec	bcbm	bcbm	75	51	44	-	-	-	-	6.5	
Spurn Head ...	c	bbe	bbe	bbe	64	56	.	-	-	-	-	9.4	
Birmingham(Edgbaston) ...	bcb	by	bm	bcm	78	60	54	-	-	-	-	11.8	
Nottingham ...	bbe	bbe	b	bbe	79	57	52	-	-	-	-	10.9	
Cranwell ...	bbe	bbe	bm	bbe	78	52	50	-	-	-	-	11.8	
Gorleston ...	cz	bcbz	b	bbe	68	58	50	-	-	-	-	13.2	
Valencia(Cahirciveen) ...	omdec	omded	oddeb	bbec	64	53	45	3	0.1	10800	12100	0.3	
Roches Point ...	o	oco	oo	ow	64	48	.	-	Trace	-	-	.	
Pembroke(St. Ann's H.) ...	f	oebe	bbe	bz	66	60	.	-	-	10800	-	6.4	
Ross-on-Wye ...	bcbby	bcbby	bbr	bbr	78	55	50	-	-	-	-	14.0	
Benson ...	b	b	b	b	83	61	51	-	-	-	-	.	
Andover ...	acbeb	b	bm	bm	82	58	51	-	-	-	-	13.1	
S. Farnborough ...	acbe	bby	b	b	83	60	50	-	-	-	-	11.4	
London(Kew Obs.) ...	bmdcab	bbyz	bz	bz	84	61	54	-	-	-	-	11.5	
Croydon ...	obmzy	zb	bbyz	bbyz	82	55	48	-	-	-	-	12.7	
Clacton-on-Sea ...	bmez	ebz	bz	bby	68	61	56	-	-	-	-	13.2	
Shoeburyness ...	bzb	b	b	b	72	53	44	-	Trace	-	-	12.9	
Grain ...	bzbcb	bbe	bcm	bbrw	68	59	53	-	-	-	-	12.8	
Lympne ...	bbez	bzb	fm	bm	78	59	52	-	-	-	-	13.8	
Scilly(St. Mary's) ...	ifbe	bcb	b	b	69	54	.	0.1	-	10800	-	10.6	
Falmouth(Pendennis) ...	ombe	bcb	be	b	64	61	.	-	-	-	-	11.2	
Plymouth(Cattewater) ...	ob	bbe	cb	b	75	65	61	-	-	-	-	12.3	
Portland Bill ...	bbe	bbe	bbe	bbe	64	60	.	-	-	-	-	.	
Southampton(Calshot) ...	bmbm	bm	bm	bm	70	60	53	-	-	-	-	11.4	
Dungeness ...	bbe	bbe	bbe	bbe	70	59	.	-	-	-	-	.	
Jersey ...	b	b	b	b	84	68	.	-	-	-	-	12.2	



SYNOPTIC CHART FOR 7h. FRIDAY, 6th JULY, 1923.

Nautical Miles.
Statute Miles.

Scale - 1:10,000,000



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

EXPLANATION

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind.
Force, on the scale 0-12, is indicated by the number of feathers.
Rain velocity is shown in miles per hour by figures in small circles.
TEMPERATURE is given in °F.

WEATHER SYMBOLS: ○ clear sky; ○ sky & clouded; ☁ sky
& clouded; ☁ sky & clouded; ☁ overcast sky; ● rain falling
☁ snow; * sleet; ▲ hail; = fog; = mist; T thunder

SEA DISTURBANCE: ~~~~~ Rough; ~~~~~ High

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

1. Dense fog. Objects not visible at 50 yards.	
2. Rather thick fog " " 200 "	
3. Very bad " " 500 "	
4. Bad " " 1,000 "	
5. Very poor " " 1 1/2 miles.	
6. Poor " " 2 "	
7. Moderate " " 3 "	
8. Good " " 5 "	
9. Very good " " 10 "	
0. Excellent " " beyond 10 "	

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION. *FRIDAY, 6th JULY*.....1923.

No. 184.

STATIONS.	Height above M.S.L. in feet.	Observations at 0100 G.M.T. 6 th											Observations at 0700 G.M.T. 6 th																
		Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 1/10	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 1/10	Cloud.								
				Direc.	Force					Height	Form	Amt.			Direc.	Force					Height	Form	Amt.						
																								0-12	0-10	0-10	0-12	0-10	0-10
Lerwick	54	1024.0	+2	-	0	b	50	92	5	-	-	0	1024.3	0	SSW	1	ifo	53	94	3	450	St	10	-	10				
Stornoway	51	1023.2	+3	SW	2	b	-	-	6	-	-	-	1023.2	+1	-	0	cl	53	94	6	800	St	8	-	8				
Wick	81	1022.6	+1	RNE	1	o	50	92	Y	1500	St	2	1022.4	0	NW	1	mo	53	94	6	1500	St	5	ACu	9				
Castlebay	37	-	-	-	-	-	-	-	-	-	-	-	1021.4	0	NE	4	o	54	85	8	2500	St	10	-	8				
Kairn	82	-	-	-	-	-	-	-	-	-	-	-	1022.0	-	-	0	cl	54	92	Y	1500	St	8	-	4				
Aberdeen	46	-	-	-	-	-	-	-	-	-	-	-	1023.8	+2	S	2	bc	60	85	6	4000	St	4	-	-				
Malin Head	71	1020.8	0	RNE	2	mm	50	94	6	1500	St	4	1020.8	-1	ENE	3	mo	53	94	Y	1500	St	4	ACu	10				
Benbow	49	-	-	-	-	-	-	-	-	-	-	-	1022.8	0	-	0	o	60	94	4	2500	St	10	-	10				
Edinburgh (Inchkeith)	190	1021.0	+1	E	1	o	6	80	8	-	Scu	9	1022.8	+1	NE	1	mc	59	92	6	-	St	1	ACu	10				
Leuchars	36	-	-	-	-	-	-	-	-	-	-	-	1023.1	+2	-	0	o	54	92	6	4200	St	10	-	10				
Baldernair	794	-	-	-	-	-	-	-	-	-	-	-	1022.4	0	NNW	1	o	64	85	6	-	St	0	ACu	9				
Tynemouth	118	1023.1	0	-	0	o	56	85	6	4000	Scu	10	-	1023.1	0	S	1	b	56	92	6	800	St	2	-	2			
Blackhead Point	10	-	-	-	-	-	-	-	-	-	-	-	1014.4	-2	RSE	2	o	59	92	8	-	St	0	ACu	10				
Donaghadee	35	-	-	-	-	-	-	-	-	-	-	-	1020.9	0	N	2	ftc	54	94	5	800	St	0	ACu	5				
Birr Castle	175	-	-	-	-	-	-	-	-	-	-	-	1014.8	-	E	1	c	61	91	6	2500	St	2	ACu	4				
Holyhead	26	1020.4	-1	RNE	4	b	58	92	8	-	-	0	1019.8	0	E/N	2	bc	64	85	Y	-	-	0	ACu	2				
Liverpool (Bidston)	189	-	-	-	-	-	-	-	-	-	-	-	1021.2	0	RSE	3	b	64	75	4	4000	Scu	2	-	2				
Chester (Shotwick)	16	-	-	-	-	-	-	-	-	-	-	-	1021.4	0	SE	2	b	60	94	4	5400	St	2	-	2				
Spurn Head	26	1023.4	+1	SE	3	b	58	92	Y	-	-	0	1024.8	+1	E	2	bc	58	92	6	-	-	0	ACu	4				
Birmingham (Edgbaston)	525	-	-	-	-	-	-	-	-	-	-	-	1021.1	0	RSE	2	bc	65	75	5	4200	Scu	5	-	5				
Nottingham	82	-	-	-	-	-	-	-	-	-	-	-	1022.9	0	E	2	bc	66	65	8	-	-	0	ACu	5				
Cranwell	237	1023.4	0	E/S	1	b	55	91	6	-	-	0	1020.4	0	RSE	2	b	61	55	6	4000	St	1	ACu	3				
Gorleston	13	1020.6	0	E/S	2	b	59	85	Y	-	-	0	1024.6	+1	E/N	1	b	63	75	6	-	-	0	-	3				
Valencia (Cahirovee)	30	1019.1	0	SE	1	bc	56	94	9	-	-	0	1016.3	-3	RSE	1	c	60	85	8	-	-	0	ACu	5				
Rothes Point	32	-	-	-	-	-	-	-	-	-	-	-	1016.2	-3	E	3	b	61	91	7	-	-	0	ACu	1				
Pembroke (St. Ann's H.)	149	1019.1	0	NE	3	b	64	85	Y	4000	Scu	3	1014.1	-1	E	3	b	64	85	6	-	-	0	-	1				
Ross-on-Wye	223	-	-	-	-	-	-	-	-	-	-	-	1020.9	0	RSE	1	o	64	75	6	-	-	0	ACu	0				
Benson	186	-	-	-	-	-	-	-	-	-	-	-	1021.5	0	E	2	b	64	75	5	-	-	0	-	0				
Andover	295	-	-	-	-	-	-	-	-	-	-	-	1020.8	0	ENE	3	b	66	85	6	-	-	0	-	0				
S. Farnborough	230	-	-	-	-	-	-	-	-	-	-	-	1021.2	0	ENE	2	mb	64	75	5	-	-	0	-	0				
London (Kew Obs.)	18	-	-	-	-	-	65	-	-	-	-	-	1021.9	0	ENE	3	b	66	75	5	-	-	0	-	0				
Croydon	244	1021.5	0	NE/E	1	bc	58	85	6	-	-	0	1021.8	-1	ENE	2	b	65	75	6	-	-	0	-	0				
Olacion-on-Sea	54	-	-	-	-	-	-	-	-	-	-	-	1022.6	+1	NE	3	b	64	85	6	-	-	0	-	0				
Rhosbury	11	-	-	-	-	-	-	-	-	-	-	-	1022.6	0	NE	2	mb	66	75	6	-	-	0	-	0				
Grain	20	-	-	-	-	-	-	-	-	-	-	-	1022.1	0	NE	3	o	63	85	6	-	-	0	-	0				
Lymington	350	1022.1	0	E	4	b	63	85	6	-	-	0	1021.6	0	ENE	3	b	64	85	6	-	-	0	-	0				
Seilly (St. Mary's)	131	1014.3	-2	E/S	4	b	59	92	8	-	-	0	1016.2	-2	SE/E	4	b	62	92	6	-	-	0	-	1				
Falmouth (Pendennis)	200	1014.3	-1	E	5	b	62	75	Y	-	-	0	1014.4	-1	E/S	4	b	62	85	8	-	-	0	-	0				
Plymouth (Cattewater)	82	-	-	-	-	-	-	-	-	-	-	-	1014.4	-1	E	3	b	63	75	6	-	-	0	-	0				
Portland Bill	19	1019.4	0	E/N	3	b	61	85	6	-	-	0	1019.3	0	ENE	3	b	64	85	6	-	-	0	-	0				
Southampton (Vas. Obs.)	12	1021.4	-1	-	0	b	60	91	6	-	-	0	1020.6	0	-	0	b	66	85	6	-	-	0	-	0				
Dungeness	21	1021.1	0	NE	4	b	60	75	8	-	-	0	1020.9	0	E	4	b	63	85	Y	-	-	0	-	0				
Jersey (Th.)	25	-	-	-	-	-	-	-	-	-	-	-	1014.3	0	E	2	o	64	75	Y	-	-	0	-	0				
Guernsey (Th.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.†		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.†		SUNSHINE.	
	Fore-noon.	After-noon.	Min. Night.	Max. Day.	Night 17h-9h.	Day 9h-17h.	Sunrise to 17h.	Sunrise to Sunset.		Fore-noon.	After-noon.	Min. Night.	Max. Day.	Night 17h-9h.	Day 9h-17h.	Sunrise to 17h.	Sunrise to Sunset.
Montrose ...	amebc	becz	53	63	mm.	mm.	hr.	hr.	Ilfracombe ...	amebc	b	59	66	-	-	6.6	0.0
Berwick-on-Tweed	pr	or	62	56	0.2	-	0.6	3.1	Bude ...	ocbecb	bhb	59	78	-	-	4.3	0.0
Llandudno ...	co	co	53	69	-	-	0.2	1.2	Penzance ...	fb	bb	54	68	-	-	11.4	0.0
Colwyn Bay ...	bc	ebc	53	68	-	-	1.3	6.8	Paignton ...	b	b	54	69	-	-	10.7	0.0
Rhyl ...	bec	becbe	52	70	-	-	3.6	0.2	Terquay ...	b	b	56	72	-	-	11.0	5.0
Southport ...	becbc	becbe	52	73	-	-	5.0	0.0	Weymouth ...	b	b	50	75	-	-	-	-
Blackpool ...	oc	bc	52	73	-	-	3.5	0.0	Bournemouth ...	b	b	48	76	-	-	10.2	2.0
Ilkley ...	becbe	b	56	76	-	-	8.7	1.3	Portsmouth (S' theca)	b	b	54	75	-	-	9.5	7.0
Harrogate ...	b	becz	56	74	-	-	7.8	1.0	Worthing ...	bc	bb	54	74	-	-	11.6	7.0
Skegness ...	becb	b	55	74	-	-	9.4	1.7	Brighton ...	bbcc	b	54	73	-	-	11.1	11.5
Aberystwyth	occ	b	54	66	-	-	5.0	0.0	Eastbourne ...	bcb	b	53	71	-	-	12.4	14.0
Bath ...	b	b	44	81	-	-	9.7	0.5	Hastings ...	becb	bb	56	72	-	-	12.5	11.4
Leamington Spa	bc	bc	49	78	-	-	10.2	0.4	Folkestone ...	b	b	53	76	-	-	12.0	4.4
Lowestoft ...	b	b	54	69	-	-	12.0	4.2	Tunbridge Wells ...	b	b	50	80	-	-	12.0	3.0
Felixstowe ...	b	bz	50	69	-	-	10.8	8.0	Ramsgate ...	b	bm	55	70	-	-	12.3	7.0
Southend ...	b	b	54	76	-	-	10.7	9.7	Margate ...	b	b	54	65	-	-	12.5	16.0
									Deal ...	becb	bb	49	70	-	-	12.5	16.0

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* Information for these columns not usually received.

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

‡ For code see page 1.

§ See footnote page 1.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 2250Y

SATURDAY, 7th JULY, 1923.

Page 1.

STATIONS.		Observations at 1800 G.M.T.													Observations at 1800 G.M.T.												
		Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp.	Humidity.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp.	Humidity.	Visibility.	Cloud.					
				Direc.	Force					Height	Form	Amt.	Upper			Total	Direc.					Force	Height	Form	Amt.	Upper	Total
(For heights see p. 4).		m.b.		0-12		°F.	%	0-8	Feet	0-10		0-10	m.b.		0-12		°F.	%	0-8	Feet	0-10		0-10	0-8			
Lerwick	1024.6	0	SW	1	mm	56	97	5	2500	St.	6	6	1024.4	0	SW	1	C	56	85	5	2500	St.	2	AC	7	0	
Stornoway	1022.3	-1	E	2	bc	58	92	8	-	-	0	0	1022.5	-2	NE	3	Ct	56	97	7	800	St.	7	7	2	0	
Wick	1023.0	0	ESE	1	bc	58	85	6	-	-	0	0	1022.1	-1	ESE	1	C	56	85	6	-	0	0	10	0	3	
Castell	1020.4	0	NE	4	0	63	85	8	2500	St.	10	10	1021.1	-3	NE	5	otl	68	85	7	2500	Nb	10	-	10	0	
Nairn	1024.2	0	SSE	4	b	65	65	6	-	-	0	0	1021.1	0	ENE	1	C	60	85	7	1500	St.	8	-	8	0	
Aberdeen	1024.2	0	SSE	4	b	65	65	6	-	-	0	0	1023.9	0	ESE	2	bc	61	75	6	-	0	0	4	0		
Malin Head	1017.8	-3	E	4	mm	60	85	7	-	-	0	8	1018.1	-2	E	1	C	69	75	7	-	0	0	7	0		
Reafrew	1020.6	-2	E	3	mm	78	65	5	4000	CuNb	8	9	1019.2	-2	ENE	2	fo+	77	65	5	4000	CuNb	9	9	2	0	
Edinburgh (Inchkeith)	1021.9	-2	NE	3	mm	60	85	6	-	-	0	7	1020.8	-1	NE	3	b	58	92	6	-	0	0	3	2	0	
Leuchars	1022.6	0	E	2	bc	63	75	6	-	-	0	4	1021.7	-1	ENE	3	bc	59	85	6	7200	St.	3	Cu	5	0	
Edinburgh	1020.9	-1	SSE	3	bc	78	45	6	4000	Cu	1	4	1019.9	-1	SE	3	bc	76	65	6	-	0	0	6	0		
Tynemouth	1023.4	0	SSE	2	b	65	65	6	-	-	0	0	1022.7	0	S	3	b	61	75	6	4000	Cu	3	-	3	1	
Blackpool Point	1015.2	-1	ESE	1	b	69	75	9	-	-	0	2	1012.4	-1	NNW	2	0	66	85	7	-	0	0	10	0		
Donaghadee	1019.4	-1	SSE	2	b	67	75	5	-	-	0	3	1017.7	-3	S	2	bc	65	75	6	-	0	0	5	3		
Birr Castle	1015.2	0	SE	1	Ct	79	65	6	4000	St.Cu	8	8	1014.0	0	SE	2	bc	79	65	5	4000	St.Cu	6	6	0	0	
Holyhead	1018.3	-1	SE	4	b	83	45	6	4000	Cu	1	1	1017.4	-2	SE	3	bc	74	55	6	-	0	0	6	0		
Liverpool (Bidston)	1019.1	-2	ESE	3	b	82	45	6	5700	Cu	1	2	1017.8	-1	ESE	3	b	83	55	6	-	0	0	3	3		
Chester (Biolwick)	1019.4	-2	SE	3	b	83	55	6	5700	Cu	1	1	1017.9	-1	SE	2	bc	85	55	6	4000	Cu	3	4	0	0	
Spartan Head	1024.5	-1	E	3	b	60	85	7	-	-	0	2	1023.2	-2	E	4	b	60	92	8	-	0	0	0	1		
Birmingham (Edgbaston)	1020.3	-1	SE	4	b	84	55	6	-	-	0	0	1019.8	0	SE	4	b	84	45	7	-	0	0	0	0		
Nottingham	1021.0	-3	E	4	b	83	45	8	-	-	0	0	1019.7	-1	E	3	b	80	55	8	-	0	0	0	0		
Cranwell	1022.1	-1	ENE	3	b	81	55	7	-	-	0	0	1021.3	-1	E	3	b	77	55	7	-	0	0	0	0		
Gorleston	1024.4	0	ENE	2	b	65	75	6	-	-	0	0	1022.4	-2	-	0	b	65	75	6	-	0	0	0	0		
Valencia (Cahiroiveen)	1014.5	-2	W/N	2	bc	69	85	7	4000	Cu	1	4	1014.3	0	SSE	3	b	65	85	6	1500	St.	2	AC	3	3	
Roche Point	1015.1	0	E	4	b	66	75	6	-	-	0	0	1015.2	0	E	3	bt	63	85	5	-	0	0	3	0		
Pembroke (St. Ann's H.)	1016.7	-2	E/S	4	b	74	65	6	-	-	0	1	1016.6	0	E/S	3	ot	66	75	7	-	0	0	10	3		
Ross-on-Wye	1018.6	-2	E/S	4	b	86	35	7	-	-	0	0	1018.0	-1	S	3	b	87	35	8	-	0	0	1	0		
Benson	1019.6	-2	SE	4	b	87	45	6	-	-	0	0	1019.6	0	ESE	4	b	83	55	6	-	0	0	0	0		
Andover	1019.1	-2	SE	3	b	89	45	6	-	-	0	0	1018.6	0	SE	2	b	86	45	6	-	0	0	0	0		
S. Farnborough	1019.7	-2	SE	5	mm	87	45	6	-	-	0	0	1019.2	0	SW	3	mm	86	45	6	-	0	0	0	0		
London (Kew Obs.)	1020.4	-1	ENE	4	b	84	45	7	-	-	0	0	1019.5	0	ENE	4	b	82	45	6	-	0	0	0	0		
Croydon	1020.4	-1	SE	2	b	86	45	6	4000	Cu	1	1	1019.7	-1	E/N	3	b	81	55	6	-	0	0	0	0		
Ordnance-on-Sea	1021.3	-1	NE	4	b	69	75	6	-	-	0	0	1021.3	-1	NE	4	b	69	75	6	-	0	0	0	2		
Shoeburyness	1021.1	-1	E	2	mm	69	75	6	-	-	0	0	1021.1	-1	E	2	mm	69	75	6	-	0	0	0	0		
Grain	1021.0	-1	NE	1	b	65	85	6	-	-	0	0	1021.0	-1	NE	1	b	65	85	6	-	0	0	0	0		
Lymington	1020.9	-1	E	4	b	81	45	7	-	-	0	0	1020.5	-1	E/N	3	b	77	55	6	-	0	0	0	0		
Boily (St. Mary's)	1015.8	0	SE	3	c	65	85	6	4000	St.Cu	7	7	1015.7	+1	SW	3	c	67	75	6	4000	St.Cu	8	8	4	0	
Plymouth (Pendennis)	1017.5	+1	ESE	2	b	67	75	7	-	-	0	0	1017.6	0	E	1	mo+	65	75	6	4000	St.Cu	10	10	0	0	
Plymouth (Cattewater)	1016.7	-1	ENE	4	bc	81	55	7	-	-	0	6	1016.5	0	E	3	bc	77	55	7	5700	St.Cu	2	AC	4	0	
Portland Bill	1018.9	+1	E/N	3	b	64	85	6	-	-	0	0	1018.3	-4	E/N	3	b	67	75	6	-	0	0	0	3		
Southampton (Calshot)	1019.2	-1	SE	5	b	71	75	6	-	-	0	0	1019.1	0	SE	4	mb+	67	85	6	-	0	0	0	0		
Dungeness	1020.7	-1	E	4	b	69	75	7	-	-	0	0	1020.1	0	E	3	b	65	75	7	-	0	0	0	3		
Jersey	1016.4	0	E	3	b	80	65	8	-	-	0	0	1017.0	0	E	3	b	87	55	8	-	0	0	0	0		

LONDON OBSERVATIONS.		WEATHER.			TEMPERATURE.			RAIN-FALL.		SUN-SHINE.		HUMIDITY.		ATMOSPHERIC POLLUTION.				POLE STAR RECORD at Greenwich Observatory.				CODE FOR STATE OF GROUND.			
		Morn-ing.	After-noon.	Night.	Max. of.	Min. of.	Min. on Glass.	Day.	Night.	h.	mins.	h.	mins.	Milligrams of Solid Impurity per cubic metre.				Exposure from							
		24 HOURS ENDED 0000 G.M.T.							YESTERDAY.		TO-DAY.		24 Hrs. ended 1800 G.M.T.				to								
													South Kensington				Polaris								
													Max. Time. Min. Time.				h. m. h. m. %								
Kew	24 hours ended 0700	6.4	6.4	6.4	85	58	48	-	-	13.6	-	-	-	0.5 3h.6m. 0.8 7h.6m.				4 30 4 30 100							
Croydon		6.4	6.4	6.4	85	58	48	-	-	14.2	-	-	-												
Greenwich (Royal Obs.)		6.4	6.4	6.4	85	58	48	-	-	13.8	41	41	-												
City (Bunhill Row)		6.4	6.4	6.4	86	65	60	-	-	12.5	38	41	-												
Westminster (St. James' Pk.)		6.4	6.4	6.4	86	65	60	-	-	13.5	38	41	-												
Regent's Pk. (Botanic Gdns.)		6.4	6.4	6.4	89	62	58	-	-	12.6	-	-	-												
Camden Square		6.4	6.4	6.4	89	62	58	-	-	12.6	-	-	-												
Kennington Palace		6.4	6.4	6.4	89	60	55	-	-	12.6	-	-	-												
Hampstead Observatory		6.4	6.4	6.4	89	60	55	-	-	14.0	-	-	-												

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.				BEAUFORT NOTATION OF WEATHER.				THE BEAUFORT SCALE OF WIND.				SEA DISTURBANCE.											
STATIONS.	Sunrise.	Noon.	Sunset.	b	bc	c	d	e	f	g	h	1	2	3	4	5	6	7	8	9	10	11	12
Yarmouth	5.41	11.58	8.15	b	bc	c	d	e	f	g	h	1	2	3	4	5	6	7	8	9	10	11	12
Greenwich	3.53	12.5	8.16	b	bc	c	d	e	f	g	h	1	2	3	4	5	6	7	8	9	10	11	12
Wick	3.19	12.14	9.14	b	bc	c	d	e	f	g	h	1	2	3	4	5	6	7	8	9	10	11	12
Valencia	4.31	12.46	9.0	b	bc	c	d	e	f	g	h	1	2	3	4	5	6	7	8	9	10	11	12

BEAUFORT NOTATION OF WEATHER.				THE BEAUFORT SCALE OF WIND.				SEA DISTURBANCE.											
b	bc	c	d	e	f	g	h	1	2	3	4	5	6	7	8	9	10	11	12
b	bc	c	d	e	f	g	h	1	2	3	4	5	6	7	8	9	10	11	12
b	bc	c	d	e	f	g	h	1	2	3	4	5	6	7	8	9	10	11	12
b	bc	c	d	e	f	g	h	1	2	3	4	5	6	7	8	9	10	11	12
b	bc	c	d	e	f	g	h	1	2	3	4	5	6	7	8	9	10	11	12
b	bc	c	d	e	f	g	h	1	2	3	4	5	6	7	8	9	10	11	12
b	bc	c	d	e	f	g	h	1	2	3	4	5	6	7	8	9	10	11	12
b	bc	c	d	e	f	g	h	1	2	3	4	5	6	7	8	9	10	11	12
b	bc	c	d	e	f	g	h	1	2	3	4	5	6	7	8	9	10	11	12
b	bc	c	d	e	f	g	h	1	2	3	4	5	6	7	8	9	10	11	12
b	bc	c	d	e	f	g	h	1	2	3	4	5	6	7	8	9	10	11	12
b	bc	c	d	e	f	g	h	1	2	3	4	5	6	7	8	9	10	11	12
b	bc	c	d	e	f	g	h	1	2	3	4	5	6	7	8	9	10	11	12
b	bc	c	d	e	f														

LONDON OBSERVATIONS.

WEATHER.			TEMPERATURE.			RAIN-FALL.		SUN-SHINE.		HUMIDITY.		ATMOSPHERIC POLLUTION.		POLAR STAR RECORD at Greenwich Obs.		CODE FOR STATE OF GROUND.	
Morning.	Afternoon.	Night.	Max. of.	Min. of.	Min. on Grass.	Day.	Night.	h. to Sunset.	h. to Sunrise.	15h. G.M.T.	6h. G.M.T.	24 Hrs. ended 1800 G.M.T.	24 Hrs. ended 1800 G.M.T.	Exposure from	Exposure from	0=Dry ground.	1=Wet ground.
24 HOURS ENDED 0900 G.M.T.	24 HOURS ENDED 0900 G.M.T.	24 HOURS ENDED 0900 G.M.T.	24 HOURS ENDED 0900 G.M.T.	24 HOURS ENDED 0900 G.M.T.	24 HOURS ENDED 0900 G.M.T.	24 HOURS ENDED 0900 G.M.T.	24 HOURS ENDED 0900 G.M.T.	24 HOURS ENDED 0900 G.M.T.	24 HOURS ENDED 0900 G.M.T.	24 HOURS ENDED 0900 G.M.T.	24 HOURS ENDED 0900 G.M.T.	24 HOURS ENDED 0900 G.M.T.	24 HOURS ENDED 0900 G.M.T.	24 HOURS ENDED 0900 G.M.T.	24 HOURS ENDED 0900 G.M.T.	24 HOURS ENDED 0900 G.M.T.	24 HOURS ENDED 0900 G.M.T.
Kew	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by
Croydon	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by
Greenwich (Royal Obs.)	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by
City (Bunhill Row)	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by
Westminster (St. James' Pk.)	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by
Regent's Pk. (Botanic Gdns.)	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by
Camden Square	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by
Kensington Palace	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by
Hampstead Observatory	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by	by by

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

STATIONS.	Sunrise.	Noon.	Sunset.
Yarmouth	5.40	11.58	8.15
Greenwich	3.41	11.55	8.15
Wick	3.20	12.14	9.10
Valencia	4.32	11.36	8.59

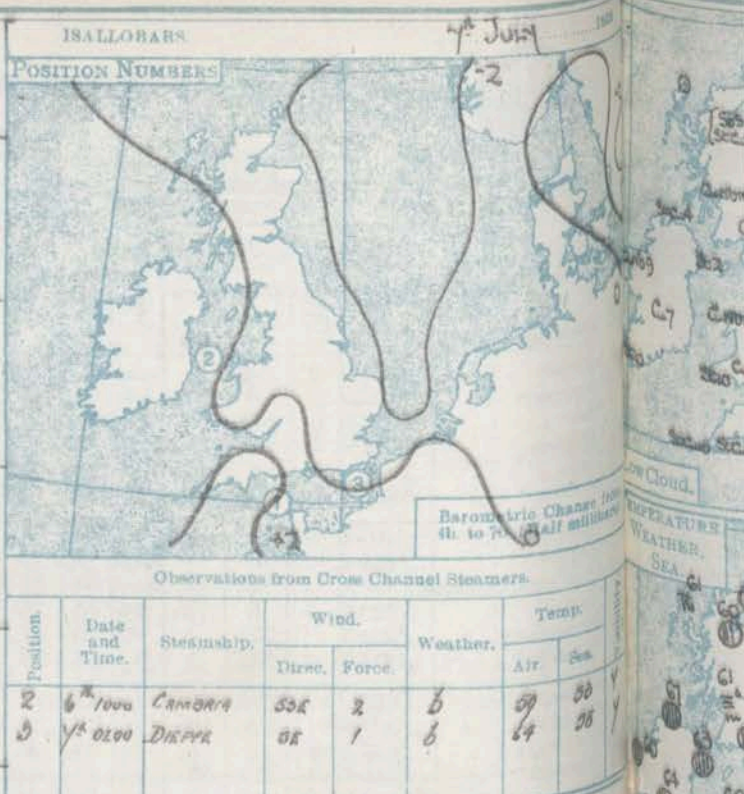
BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).	With present weather is combined, whenever possible, the general character of the weather.
bc sky partly cloudy (one half covered).	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".
c generally cloudy (three-quarters covered).	Capital letters indicate intense, suffix s indicates slight and repetition of letters continuity, thus: -
d drizzle, h hail, KQ line squall.	rr = heavy rain.
l lightning, o overcast sky.	rr = continuous moderate rain, rfo = continuous light rain.
m mist, visibility 1000-10000 m.	
f fog, less than 200 m.	
F thick fog, less than 200 m.	
p precipitation within sight of station.	
sp passing showers, r rain.	
s snow, ra sleet, t thunder.	
v unusual visibility, y dry air.	
z dust haze: the turbid atmosphere of dry weather.	

THE BEAUFORT SCALE OF WIND.

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

STATIONS.	SUMMARY FOR THE PAST 24 HOURS.											Sun. Hours.
	WEATHER.				TEMPERATURE.			RAINFALL.				
	7h-12h. 6 ^h	12h-18h. 6 ^h	18h-6 ^h to 1h. 4 ^h	1h-7h. 4 ^h	MAX. Day. 7h-12h.	MIN. Night. 12h-18h.	MIN. on Grass.	Day. 7h-12h. mm.	Night. 12h-18h. mm.	Precipitation began.	Precipitation ended.	
Lerwick ...	om	c	b	bemb	61	52	.	Trace	.	0300	.	3.2
Stornoway ...	c	c	tlr	etl	63	55	.	22	.	.	.	4.8
Wick ...	cmm	ommm	ommm	ommm	59	53	.	.	.	.	.	1.1
Castlety ...	oco	atop	ptlo	ff	69	59	.	5	.	.	.	2.2
Nairn ...	mcbe	mc	mc	mc	64	56	.	.	.	.	.	6.2
Aberdeen ...	b.be	bem	coc	bc	65	52	44	.	.	.	.	4.4
Malin Head ...	co3.	co2	cm	coz	44	54	.	0.5	.	0100	.	4.1
Renfrew ...	oc3	2yo	ozm	om	81	60	54	.	.	.	.	6.0
Edinburgh(Inchkeith) ...	m	m	c	c	62	59	53	.	.	.	.	12.2
Leuchars ...	ocbz	ebcm	com	bcom	63	54	46	.	.	.	.	8.4
Eskdalemuir ...	bczy	bczy	bccoz	oz	80	59	54	.	.	.	.	9.6
Tynemouth ...	b.m	m	bcm	bcm	68	53	53	.	.	.	.	.
Blackod Point ...	b.be	bbe	bbe	bbe	46	53	.	.	.	.	.	.
Donaghadee ...	bef	bem	of	mb	69	60	.	0.2	.	0300	.	.
Birr Castle ...	co3	co2	pro	pre	82	62	58	.	0.2	.	.	12.6
Holyhead ...	bcbz	bzbz	oco	tlr	85	60	58	.	0.1	.	0030	12.4
Liverpool (Bidston) ...	bcm	b	b	b	84	61	60	.	.	.	.	12.4
Chester (Shotwick) ...	b3	bbe2	bbe2	bcm	87	58	48	.	.	.	.	11.5
Spurn Head ...	b.be	b.be	bbe	bbe	63	55	.	.	.	.	.	12.5
Birmingham(Edgbaston) ...	bmy	b4	b4	b4	88	64	58	.	.	.	.	11.9
Nottingham ...	b.be	b.be	b	bbe	85	60	54	.	.	.	.	11.4
Cranwell ...	b.be	b.be	bbe	b4	82	55	49	.	.	.	.	13.0
Gorleston ...	b.be	b2	bbe	bbe	68	61	.	.	.	.	.	14.4
Valencia (Cahiroiveen) ...	b.bf	bby	bby	bepel	40	56	52	.	0.5	.	0300	12.1
Roche Point ...	b3	b2	ofc	of	68	44	.	Trace	.	.	.	.
Pembroke (St. Ann's H.) ...	bbe	b2	ocfl	ocfl	45	60	.	0.62.	.	0130	.	9.3
Ross-on-Wye ...	b3by	b4	b4	b4	88	65	59	.	.	.	.	13.4
Benson ...	b2	b	b	b	89	64	53	.	.	.	.	.
Andover ...	b3y	b2y	b3y	co	90	61	54	.	.	.	.	14.0
S. Farnborough ...	b33y	b22y	b3y	comw	90	59	53	.	.	.	.	14.0
London (Kew Obs.) ...	b3by	b42	b3y	b3y	87	60	53	.	.	.	.	13.6
Oreodon ...	b3y	b2y	b3y	chbly	87	54	50	.	.	.	.	14.2
Olacton-on-Sea ...	b2	b2	b3	b3	40	62	58	.	.	.	.	13.6
Shoeburyness ...	b3	b.be	b4	b4	45	58	45	.	.	.	.	13.5
Grain ...	b33	b2bm	b3y	b3y	69	58	50	Trace	.	2100	.	14.2
Lymington ...	b3y	b2y	bbe	b4	82	63	53	.	.	.	.	14.4
Scilly (St. Mary's) ...	b3cm	cm	cm	cm	41	56	.	1	.	2200	.	8.1
Falmouth (Pendennis) ...	b.be	bbe	bem	bem	65	60	.	.	.	.	.	11.5
Plymouth(Oatwater) ...	b3y	b3y	b3y	b3y	83	60	58	Trace	.	0100	.	12.5
Portland Bill ...	b.be	bbe	bbe	bbe	63	58	.	.	.	0300	.	.
Southampton(Oalshot) ...	bmm	b4	b4	b4	43	63	61	Trace	.	0600	.	14.2
Dungeness ...	b.be	b.be	bbe	bbe	47	60	.	.	.	.	.	.
Jersey ...	b	b	b	b	90	61	.	.	.	.	.	13.3



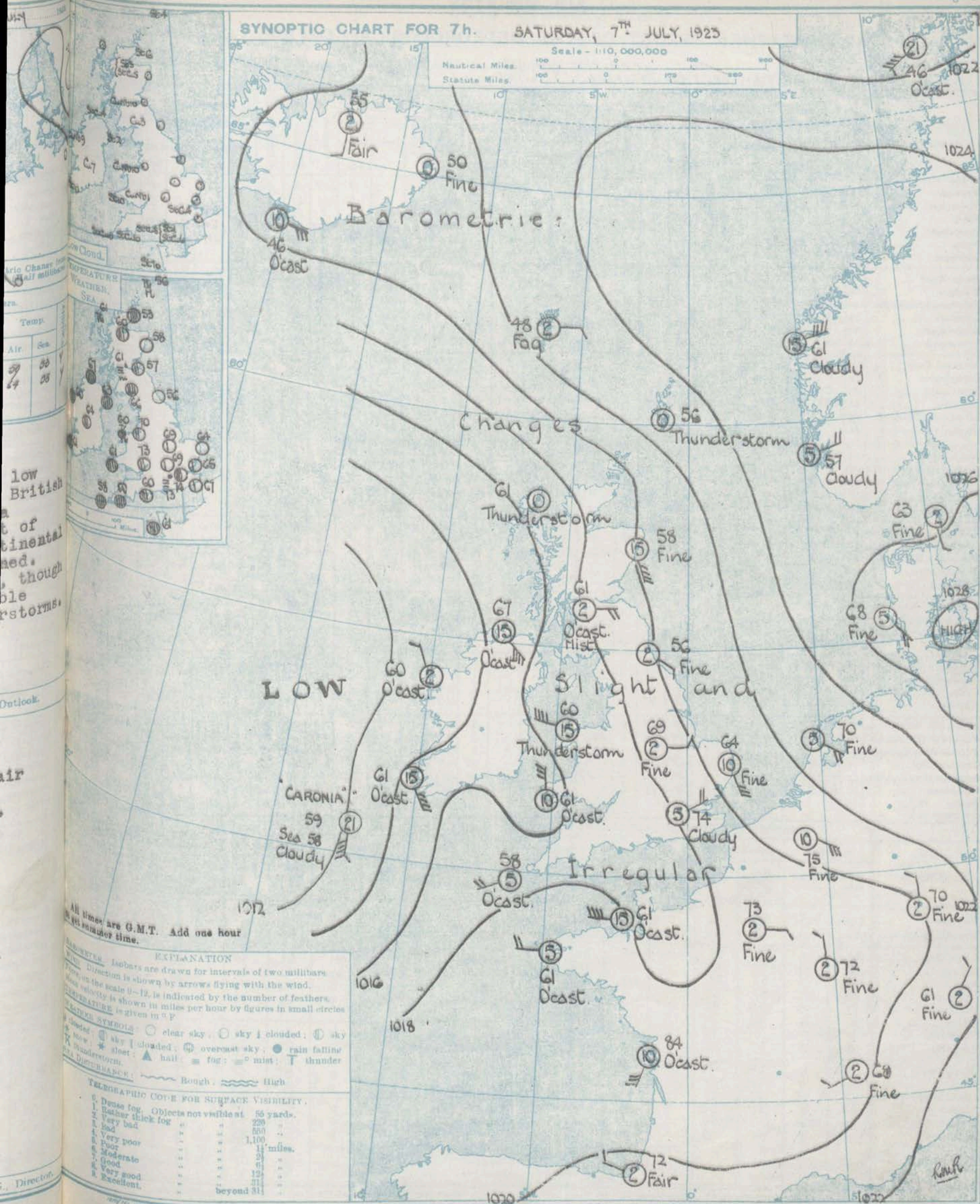
GENERAL INFERENCE.

A shallow trough of low pressure lies over the British Isles associated with a depression off the west of Ireland, while the Continental anticyclone is maintained. Weather will be cooler, though still warm, with variable skies and local thunderstorms.

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A shallow trough of low pressure lies over the British Isles associated with a depression off the west of Ireland, while the Continental anticyclone is maintained. Weather will be cooler, though still warm, with variable skies and local thunderstorms.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T.	Further Outlook.
1. S.E. England	<p>Light winds, mainly from a southerly point; variable skies, local thunderstorms; mist locally; cooler though still warm.</p>	<p>Mainly fair and warm.</p>
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		



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION SATURDAY 7th JULY 1923.

No. 158

STATIONS.	Height above M.S.L. in feet.	Observations at 0100 G.M.T.										Observations at 0700 G.M.T.															
		Barom. at M.S.L.	Change in 3 Hours	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility 0-9	Cloud.			Barom. at M.S.L.	Change in 3 Hours	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility 0-9	Cloud.						
				Direc.	Force					Height Feet	Form	Amt. 0-10			Direc.	Force					Height Feet	Form	Amt. 0-10				
Lerwick ...	54	1024.4	0	SW	1	b	54	92	5	-	-	0	ASH	2	1020.1	-1	-	0	bcl	56	88	5	2500	St	4	ASH	5
Stornoway ...	51	1019.1	-2	-	0	TLR	54	92	4	-	-	0	-	-	1015.5	-1	-	0	cel	61	92	6	-	-	0	ASH	8
Wick ...	81	1020.4	-2	S	3	0	54	92	4	1500	St	8	ASH	10	1018.4	-2	SE	3	0	58	94	6	1500	St	6	C. St	10
Castlebay ...	37	-	-	-	-	-	-	-	-	-	-	-	-	-	1015.0	0	ESE	1	mm	60	92	5	1500	St	10	-	-
Nairn ...	82	-	-	-	-	-	-	-	-	-	-	-	-	-	1014.5	-	-	0	c	60	85	4	1500	St	8	-	-
Aberdeen ...	46	-	-	-	-	-	-	-	-	-	-	-	-	-	1020.4	-2	SSE	4	b	58	85	6	-	-	0	-	-
Malin Head ...	71	1014.1	0	-	0	b	69	85	4	4000	CuNB	4	C. Cu	6	1014.4	0	SE	4	off	64	92	4	4000	St	4	ASH	10
Bunfrew ...	49	-	-	-	-	-	-	-	-	-	-	-	-	-	1018.6	0	E	2	mm	61	85	5	4000	CuNB	10	-	-
Edinburgh (Inchkeith) ...	190	1020.4	+1	NNE	4	c	55	92	4	-	-	0	A Cu	8	1019.5	-1	NNE	3	mbc	54	85	6	-	-	0	A Cu	4
Leuchars ...	36	-	-	-	-	-	-	-	-	-	-	-	-	-	1019.4	-1	ENE	2	cl	54	85	6	1500	St	3	C. St	10
Eckdalemuir ...	794	-	-	-	-	-	-	-	-	-	-	-	-	-	1018.8	-1	N	2	0	66	78	6	1500	Cu	3	A St	10
Tynemouth ...	118	1022.6	0	S	1	b	56	85	6	500	St	2	C. Cu	3	1020.0	-2	SE	1	b	56	92	6	-	-	0	-	-
Blackhead Point ...	10	-	-	-	-	-	-	-	-	-	-	-	-	-	1013.6	0	NNW	1	0	60	85	4	-	-	0	A St	10
Donaghadee ...	35	-	-	-	-	-	-	-	-	-	-	-	-	-	1014.3	0	SW	1	mm	60	92	4	500	St	2	A St	4
Birr Castle ...	175	-	-	-	-	-	-	-	-	-	-	-	-	-	1014.6	-	E	1	cl	64	55	4	1500	Cu	4	-	-
Holyhead ...	26	1018.4	0	SW	2	cl	66	45	5	2500	St	10	-	10	1016.4	0	W/N	4	off	60	85	4	2500	CuNB	10	-	-
Liverpool (Bidston) ...	189	-	-	-	-	-	-	-	-	-	-	-	-	-	1016.4	-1	ESE	2	b	70	65	4	-	-	0	C. St	4
Chester (Shotwick) ...	16	-	-	-	-	-	-	-	-	-	-	-	-	-	1016.4	-2	SSE	2	b	69	45	5	500	Cu	1	C. Cu	-
Spurn Head ...	26	1022.4	-1	E	2	b	54	94	6	-	-	0	-	0	1020.8	-2	N/E	2	b	64	92	6	-	-	0	-	0
Birmingham (Edgbaston) ...	525	-	-	-	-	-	-	-	-	-	-	-	-	-	1014.4	-1	ESE	3	b	64	65	6	400	Cu	1	C.	1
Nottingham ...	82	-	-	-	-	-	-	-	-	-	-	-	-	-	1015.4	-1	E	1	b	69	45	8	-	-	0	C.	1
Cranwell ...	237	1021.8	0	ENE	1	b	58	92	6	-	-	0	-	0	1018.4	-2	SE/E	2	b	65	85	6	-	-	0	C. St	0
Gorleston ...	13	1021.5	0	ENE	1	b	58	92	6	-	-	0	-	0	1020.6	-1	SSE	3	b	64	85	6	-	-	0	-	-
Valencia (Cahiroiveen) ...	30	1014.8	0	SE	2	0	59	94	9	-	St	10	-	10	1014.6	0	SSE	4	0	61	92	6	800	St	10	-	10
Boches Point ...	32	-	-	-	-	-	-	-	-	-	-	-	-	-	1016.1	0	SSE	1	fo	49	94	3	125	St	10	-	10
Pembroke (St. Ann's H.) ...	149	1019.9	-1	N	2	bcl	63	85	4	4000	St	6	-	6	1015.4	0	N	3	off	61	85	4	1500	St	10	-	10
Ross-on-Wye ...	223	-	-	-	-	-	-	-	-	-	-	-	-	-	1016.3	-1	SE/S	1	b	70	65	4	4000	CuNB	1	C.	4
Benson ...	188	-	-	-	-	-	-	-	-	-	-	-	-	-	1014.8	0	SSE	2	cl	70	65	6	-	-	0	C.	-
Andover ...	295	-	-	-	-	-	-	-	-	-	-	-	-	-	1018.0	0	SSE	1	0	69	65	4	2500	St	8	A St	10
S. Farnborough ...	230	-	-	-	-	-	-	-	-	-	-	-	-	-	1018.0	0	SE	3	mm	70	65	5	-	-	0	A Cu	4
London (Kew Obs.) ...	18	-	-	-	-	-	65	-	-	-	-	-	-	-	1019.1	0	ENE	2	c	74	65	5	4000	St	4	A St	5
Oreton ...	244	1020.0	-1	-	0	cl	58	94	5	-	-	0	C.	4	1018.8	0	SE/S	2	cl	74	65	4	-	-	0	C.	-
Olveston-on-Sea ...	54	-	-	-	-	-	-	-	-	-	-	-	-	-	1019.9	-2	E	3	b	65	85	6	-	-	0	A Cu	2
Shoeburyness ...	11	-	-	-	-	-	-	-	-	-	-	-	-	-	1019.6	-1	SE	1	mb	69	45	5	-	-	0	C.	2
Grain ...	20	-	-	-	-	-	-	-	-	-	-	-	-	-	1019.4	-1	ENE	1	b	68	85	5	-	-	0	C.	2
Lympne ...	350	1019.1	0	ESE	3	b	66	85	6	-	-	0	-	0	1019.3	0	ESE	3	b	71	85	4	-	-	0	C.	-
Seilly (St. Mary's) ...	131	1018.1	+1	NNW	1	off	59	92	6	4000	St	10	-	10	1017.2	0	W/S	2	0	58	94	6	4000	St	10	-	10
Falmouth (Pendennis) ...	200	1015.6	-2	N	2	mbc	64	85	6	4000	St	6	-	6	1014.9	+1	W	2	mo	60	94	6	4000	St	10	-	8
Plymouth (Cattewater) ...	82	-	-	-	-	-	-	-	-	-	-	-	-	-	1016.4	10	SSW	1	mm	65	92	6	2500	St	5	A Cu	8
Portland Bill ...	19	1014.3	-3	E/N	3	b	64	75	6	-	-	0	-	0	1016.3	?	ESE	4	off	60	92	6	4000	St	8	-	10
Southampton (Cushoc) ...	12	1018.5	-1	SE/E	4	b	65	94	4	-	-	0	-	0	1018.0	0	SE	4	off	63	85	6	1500	St	10	-	2
Dungeness ...	21	1020.3	0	E	3	b	64	92	6	-	-	0	-	0	1019.5	-1	E	2	b	64	65	4	-	-	0	C. Cu	10
Jersey 7th ...	25	-	-	-	-	-	-	-	-	-	-	-	-	-	1018.3	0	W	4	0	61	85	6	1200	St	10	-	-
Guernsey 1st ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.	
	Fore-noon.	After-noon.	Min. Night.	Max. Day.	Night 17h-9h.	Day 9h-17h.	Sunrise to 17h.	Sunrise to Sunset.		Fore-noon.	After-noon.	Min. Night.	Max. Day.	Night 17h-9h.	Day 9h-17h.	Sunrise to 17h.	Sunrise to Sunset.
Montrose ...	c3bc	bc3c	52	62	-	-	8.3	1.9	Ilfracombe ...	b	b	64	86	-	-	11.1	9.4
Berwick-on-Tweed	3bb3	b3b3	53	63	-	-	9.1	0.6	Bude ...	wbbcb	bbcc	63	87	-	-	11.3	9.6
Llandudno ...	bbc	bc	58	87	-	-	8.8	1.6	Penzance ...	btc	co3	63	70	-	0.4	11.5	13.0
Colwyn Bay ...	bc	bc	58	88	-	-	11.3	2.1	Paignton ...	bmc	bmc	60	71	-	-	11.5	12.7
Rhyl... ..	bc	bc	53	88	-	-	13.4	3.6	Terquay ...	b	b	62	74	-	-	11.3	12.3
Southport ...	bbe	bc	57	86	-	-	11.3	6.4	Weymouth ...	b	b	62	76	-	-	11.5	12.3
Blackpool ...	b3	b3	59	85	-	-	11.3	5.1	Bournemouth ...	b	b	61	83	-	-	11.7	11.3
Ilkley	b	b	59	79	-	-	11.6	9.0	Portsmouth (S'thsea)	b	b	65	85	-	-	11.7	13.7
Harrogate ...	b	b	51	77	-	-	10.0	7.8	Worthing ...	b	b	64	83	-	-	12.1	12.9
Skegness ...	b	b	57	66	-	-	11.8	12.5	Brighton ...	b	b	57	87	-	-	12.0	12.4
Aberystwyth ...	oeb	b	58	88	-	-	11.0	6.0	Eastbourne ...	b	b	61	73	-	-	12.4	14.3
Bath	b	b	60	89	-	-	11.2	12.0	Hastings ...	b	b	63	84	-	-	11.6	14.0
Leamington Spa ...	b3	b3	57	89	-	-	11.3	12.4	Folkestone ...	b	b	61	82	-	-	12.1	13.7
Lowestoft ...	b	b	57	65	-	-	12.3	13.9	Tunbridge Wells ...	b	b	58	85	-	-	11.7	14.7
Felixstowe ...	bmc	bmc	59	66	-	-	11.8	13.6	Ramsgate ...	b	bmc	60	75	-	-	12.0	13.5
Southend ...	b	b	58	79	-	-	11.5	12.7	Margate ...	b	b	59	71	-	-	12.2	13.5
									Deal	b	b	56	71	-	-		

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

* Information for these columns not usually received.

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

‡ For code see page 3.

§ See footnote page 1.

WEEK	WEEK
79	61
88	68
70	77
7	63
86	61
	64
79	70
82	64
80	63
.	68

N.L.L.	
Dirac,	Rain began
-	-
2.1	0530

MALTA	
0700 8 ¹⁵	
Dir. Dmg.	Vol m.p.b
-	-
50	9
20	7
-	-
340	17

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to

STATIONS. (For heights see p. 4.)	Observations at 1800 O.M.T.														Observations at 1800 O.M.T.																								
	Barom. at M.S.L. m.b.	Change in 3 Hours	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-6	Cloud.					Barom. at M.S.L. m.b.	Change in 3 Hours	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-6	Cloud.																	
			Dir.	Force					Height Feet	Low.		Upper Form.	Total Form.			Total Amt.	Base of Cloud.					Dir.	Force	Height Feet	Low.		Upper Form.	Total Form.	Total Amt.	Base of Cloud.									
										Form.	Amt.														Form.	Amt.					Form.	Amt.							
																																	0-10	0-10	0-10	0-10	0-10	0-10	
Lewick	1021.1	-2	SE	2	bC	61	85	5	2500	St	4	Acu	6	1018.5	-3	SSE	1	b	63	85	5	2500	St	4	Acu	6	1018.5	-3	SSE	1	b	63	85	5	2500	St	4	Acu	6
Barnesway	1014.3	-1	S	0	o/r	63	92	6	800	St	10	-	10	1014.8	-1	S	0	o	64	92	6	800	St	10	-	10	1014.8	-1	S	0	o	64	92	6	800	St	10		
Wick	1016.5	-1	S	3	C	59	85	6	1500	St	5	C	1	1014.8	-1	S	3	C	59	85	6	1500	St	5	C	1	1014.8	-1	S	3	C	59	85	6	1500	St	5		
Castlehay	1015.0	0	E	3	mno	61	85	5	2500	St	9	-	9	1018.3	-1	-	0	mno	63	92.	6	1500	St	9	-	9	1018.3	-1	-	0	mno	63	92.	6	1500	St	9		
Nairn	1018.9	-2	ESE	3	o/r	62	75	6	2500	Cu	1	QSt	3	1014.5	-	NE	1	o	66	75	6	1500	St	8	-	8	1014.5	-	NE	1	o	66	75	6	1500	St	8		
Aburdeen	1018.9	-2	ESE	3	o/r	62	75	6	2500	Cu	1	QSt	3	1016.6	-3	ESE	2	C	59	85	6	5700	StCu	4	-	4	1016.6	-3	ESE	2	C	59	85	6	5700	StCu	4		
Kaiti Head	1013.8	0	ESE	3	C	62	92	4	4000	CuNb	6	Acu	8	1012.8	-1	W	3	o/r	63	85	6	4000	CuNb	3	Acu	4	1012.8	-1	W	3	o/r	63	85	6	4000	CuNb	3		
Bentley	1016.2	-3	NE	3	o/r	66	92	4	2500	StCu	10	-	10	1015.1	-2	ENE	4	o/r	72	85	6	5700	CuNb	10	-	10	1015.1	-2	ENE	4	o/r	72	85	6	5700	CuNb	10		
Edinburgh (Leith)	1018.1	-1	WNW	1	mno	58	92	6	-	-	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0	AST	10	1016.2	-2	E	2	o/r	57	92	6	4000	Nb	0		
Leith	1017.3	-2	E	1	o/r	58	85	6	4200	StCu	2	AST	10	1016.2																									

LONDON OBSERVATIONS.	WEATHER.			TEMPERATURE.			RAIN-FALL.		HUMIDITY.		ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.	24 HR. ended 1800 G.M.T.	POLE STAR RECORD at Greenwich Observatory.				CODE FOR STATE OF GROUND. 0= Dry ground. 1= Wet ground. 2= Soft (muddy) wet ground. 3= Bare ground (frozen but less than 2 ins. deep). 4= Bare ground (frozen just more than 2 ins. deep). 5= Dew or wet grass but not wet ground. 6= Settling to-day in 1900 and 1901 reports (Hour front in 1900 and 1901 reports). 7= Snow (thin layer, when not continuous). 8= Snow (deep, impeding traffic, mostly a continuous layer). 9= Glazed roads (as on roads from frozen rain or melted snow).		
	Morn- ing.	After- noon.	Night.	Max. °F.	Min. °F.	Min. on Glass. °F.	Day.	Night.	15h. G.M.T. %	24h. G.M.T. %			Exposure from						
	24 HOURS ENDED 0000 G.M.T.						YESTERDAY.		TO-DAY.				Max.	Time.	Min.	Time.		Stars.	Exposure.	Record.
Kew .. 24 hours ended 0700	cobcy	beybey	beyo	.	.	60	-	-	10.3	.	.	South Kensington							
Orford ..	cobcy	beybey	beyo	.	.	61	-	-	8.8	.	.	Max.	Time.	Min.	Time.				
Greenwich (Royal Obs.) ..	c	bcc	co	90	65	58	-	-	10.2	36	60	-	-	-	-				
City (Bunhill Row) ..	.	.	.	.	.	.	-	-	9.1	.	.								
Westminster (St. James' Pk.) ..	.	.	.	.	.	.	-	-	10.4	.	.								
Regent's Pk. (Botanic Gdm.) ..	.	.	.	.	.	.	-	-	9.6	.	.								
Garden Square	-	-	.	.	.								
Kennington Palace ..	bc	bcb	.	88	63	60	-	-	5 (18h)	77									
Hampstead Observatory	-	-	10.2	.	.								

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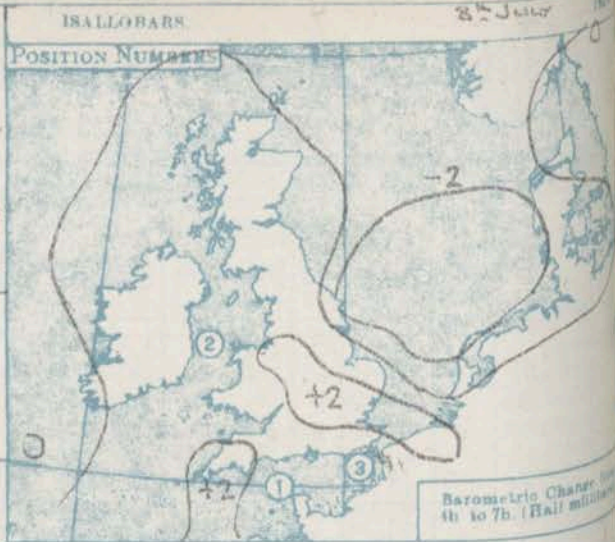
* For explanation see Introduction

* Information for these columns not usually received

: The barometric change is expressed to half millibars.

§ For notes see next page.

SUMMARY FOR THE PAST 24 HOURS.														SW. 1/2
STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.						
	7h-12h 1/2	12h-12h 1/2	12h-12h 1/2	12h-12h 1/2	MAX. Day	MIN. Night	MIN. on Grass	Day 7h-12h	Night 12h-7h	Precipitation began.	Precipitation ceased.	Hours.		
Lerwick ...	bcm	bm	cm	bm	64	53	.	-	-	-	-	9.9		
Sornoway ...	b	c	cl	cl	68	57	.	0.3	3	-	-	3.5		
Wick ...	om	om	r	mm	61	53	.	-	0.4	-	21.00	.		
Castlebay ...	obcf	fcf	obcf	efom	64	56	.	0.3	-	-	-	0.9		
Nairn ...	obcf	obcf	obcf	obcf	64	56	.	-	-	-	-	2.7		
Aberdeen ...	bcm	ocm	ter	ter	66	56	48	-	4	-	21.00	6.4		
Malin Head ...	coz	colr	colr	colr	75	57	.	8	1	15.30	21.00	2.8		
Renfrew ...	omir	opom	omp	om	73	60	56	1	0.3	11.00	21.00	0.9		
Edinburgh (Inchkeith) ...	cm	hm	mm	mm	62	54	50	1	0.1	13.30	21.00	3.5		
Leuchars ...	com	olrm	om	om	63	52	44	6	0.1	15.30	21.00	4.6		
Eskdalemuir ...	ottr	ottr	ottr	ottr	76	54	55	10	0.1	11.00	21.00	1.5		
Tynemouth ...	bcm	oo	r	ottr	68	60	56	0.1	2	14.30	21.00	.		
Blackhead Point ...	oo	c	c	c	73	55	.	-	0.5	-	-	.		
Donaghadee ...	ottr	om	bc	bc	66	54	.	6	-	08.00	-	.		
Birr Castle ...	co	co	co	bc	71	55	45	-	-	-	-	9.7		
Holyhead ...	olrm	mm	ffeo	oo	73	54	35	6	Trace	08.00	-	2.9		
Liverpool (Bidston) ...	bcolb	bc	bc	bc	81	56	52	2	-	03.00	-	5.0		
Chester (Shotwick) ...	bcolb	ottr	ottr	ottr	85	51	43	0.4	-	08.00	-	4.7		
Spurn Head ...	c	bcc	c	colr	67	60	.	-	2	-	-	10.2		
Birmingham (Edgbaston) ...	bc	bcc	bc	bc	86	57	55	-	0.2	-	21.00	7.1		
Nottingham ...	bcc	bcc	bc	bc	88	60	60	Trace	17	12.30	21.00	6.8		
Cranwell ...	bcc	bcc	bc	bc	80	61	61	-	4	-	03.30	12.4		
Gorleston ...	b3	bcc	bc	bc	69	59	.	-	Trace	-	05.30	14.2		
Valencia (Cahirciveen) ...	om	om	oc	oc	65	56	52	0.1	-	08.00	-	0.3		
Bonmahon Point ...	of	oc	bc	bc	64	55	.	-	0.2	-	-	.		
Pembroke (St. Ann's H.) ...	om	om	oc	oc	67	55	.	Trace	0.3	08.00	21.00	0.5		
Rose-on-Wye ...	ottr	ottr	ottr	ottr	83	56	53	-	-	-	-	9.5		
Benson ...	oc3	bc	bc	bc	89	58	56	-	1	-	21.00	.		
Andover ...	obcf	obcf	obcf	obcf	85	57	57	-	-	-	-	8.8		
S. Farnborough ...	obcf	obcf	obcf	obcf	84	60	56	Trace	0.2	09.00	22.00	7.9		
London (Kew Obs.) ...	obcf	obcf	obcf	obcf	88	63	60	-	-	-	-	10.3		
Croydon ...	obcf	obcf	obcf	obcf	85	63	61	-	-	-	-	8.1		
Glaston-on-Sea ...	bcc	bcc	bcc	bcc	71	64	61	-	-	-	-	12.5		
Sheshurness ...	bcc	bcc	bcc	bcc	81	64	59	-	2	-	-	12.8		
Grain ...	bcc	bcc	bcc	bcc	84	61	56	-	1	-	05.30	11.3		
Lymington ...	bcc	bcc	bcc	bcc	83	58	50	-	4	-	08.30	13.5		
Seilly (St. Mary's) ...	om	oc	bc	bcc	66	55	.	-	-	-	-	5.3		
Falmouth (Pendennis) ...	obcf	bcc	bcc	bcc	68	55	.	-	-	-	-	6.3		
Plymouth (Cattewater) ...	omb	bcc	oc	oc	68	59	60	-	-	-	-	9.9		
Portland Bill ...	c	c	c	c	65	58	.	-	-	-	-	.		
Southampton (Calshot) ...	c	c	c	oc	75	60	59	-	0.1	-	22.00	9.6		
Dungeness ...	bcc	bcc	c	r-d	75	58	.	-	3	-	04.30	5.5		
Jersey ...	obcf	bcc	obcf	obcf	67	57	.	-	-	-	-	5.5		



Observations from Cross Channel Steamers.					
Position.	Date and Time.	Steamship.	Wind.		Temp.
			Dir.	Force.	
2	1 st 1000	Cambria	ENE	4	55
1	7 th 1200	Reindeer	WNW	4	63
3	9 th 0300	Brighton	W	4	64

GENERAL INFERENCE.

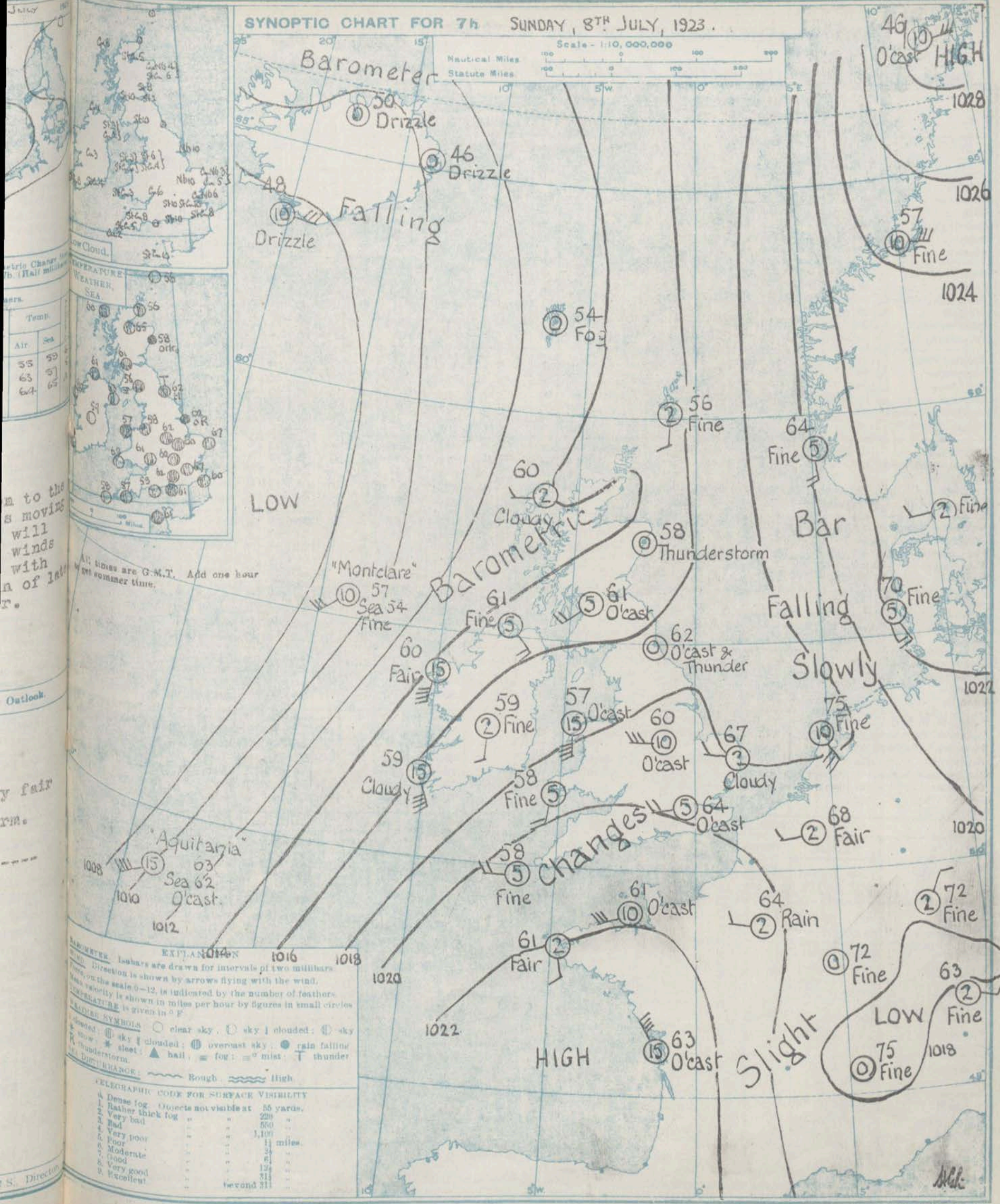
A shallow depression to the northwest of Ireland is moving slowly northward. It will maintain southwesterly winds over the British Isles with lower temperatures than of late and mainly fair weather.

Districts.	Forecasts for the 24 hours commencing 15h G.M.T. Sunday, 8th July, 1923.	Further Outlook.
1. S.E. England	Light or moderate W. to SW. winds; fair; visibility mainly good; moderate temperature.	Mainly fair and warm.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales		
7. North Wales		
8. N.W. England	Moderate southwesterly winds; fair generally but some chance of showers; visibility mainly good; moderate temperature.	
9. N. Midlands		
10. N.E. England		
11. E. Scotland		
12. S.W. Scotland		
13. Isle of Man		
14. N. & N.W. Scotland		
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		

SYNOPTIC CHART FOR 7h SUNDAY, 8th JULY, 1923.

Scale - 1:10,000,000

Nautical Miles
Statute Miles



Barometer

50 Drizzle

46 Drizzle

48 Falling Drizzle

54 Fog

56 Fine

64 Fine

57 Fine

70 Fine

Falling Slowly

62 O'cast & Thunder

61 O'cast

59 Fine

57 O'cast

60 O'cast

67 Cloudy

58 Fine

58 O'cast

64 O'cast

68 Fair

72 Fine

72 Fine

63 Fine

75 Fine

HIGH

Slight

LOW

EXPLANATION
Isobars are drawn for intervals of two millibars.
Wind direction is shown by arrows flying with the wind.
Wind velocity is shown in miles per hour by figures in small circles.
Temperature is given in °F.
Weather symbols: ○ clear sky, ⊙ sky & clouded, ⊕ sky & clouded, ⊖ overcast sky, ⊙ rain falling, ⊙ sleet, ⊙ hail, ⊙ fog, ⊙ mist, ⊙ thunder.
Sea symbols: ~~~~~ Rough, ~~~~~ High.

SYNOPTIC CODE FOR SURFACE VISIBILITY	
1. Dense fog	Objects not visible at 55 yards.
2. Rather thick fog	" " " 220 "
3. Very bad	" " " 650 "
4. Very poor	" " " 1,100 "
5. Poor	" " " 1 1/2 miles.
6. Moderate	" " " 2 1/2 "
7. Good	" " " 4 "
8. Very good	" " " 12 "
9. Excellent	" " " 31 "
10. Perfect	" " " Second 31 "

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4

BRITISH SECTION *SUNDAY, 8th July, 1923.*

No. 189

STATIONS.	Height above M.S.L. in feet.	Observations at 0100 G.M.T.										Observations at 0700 G.M.T.															
		Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-6	Cloud.			Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-6	Cloud.						
				Dir.	Force					Height	Form	Amt.			Dir.	Force					Height	Form	Amt.				
																								0-12	0-10	0-10	0-12	0-10	0-10
Lerwick ...	54	1017.2	-2	S	1	C	55	91	5	-	-	0	AST	7	1015.4	-1	S	1	b	56	88	8	-	0	AST	3	
Stornoway ...	51	1014.0	0	-	0	C	55	91	5	-	-	0	AST	7	1014.1	+1	W	1	C	56	92	7	4000	Cu	8	C	7
Wick ...	81	1013.5	-1	SW	2	C/R	58	92	8	1500	ST	6	AST	8	1014.4	0	SSW	1	C	56	92	6	2500	ST	8	-	8
Castell ...	37	1013.5	-1	SW	2	C/R	58	92	8	1500	ST	6	AST	8	1013.5	0	SW	1	C	56	92	6	2500	ST	8	-	8
Nairn ...	82	1013.5	-1	SW	2	C/R	58	92	8	1500	ST	6	AST	8	1013.5	0	SW	1	C	56	92	6	2500	ST	8	-	8
Aberdeen ...	46	1013.5	-1	SW	2	C/R	58	92	8	1500	ST	6	AST	8	1013.5	0	SW	1	C	56	92	6	2500	ST	8	-	8
Malla Head ...	71	1014.2	0	-	0	C/R	60	92	8	5700	ST	5	AST	8	1014.7	0	SE	2	b	61	85	5	5700	Cu	1	AST	2
Renfrew ...	49	1014.2	0	-	0	C/R	60	92	8	5700	ST	5	AST	8	1014.1	+1	SW	2	ajp	61	92	6	1500	ST	10	-	10
Edinburgh (Inchkeith) ...	180	1015.2	0	ESE	2	mb	55	97	6	-	ST	3	-	3	1014.9	-1	WSW	1	mm	57	97	5	-	ST	2	Cu	10
Leuchars ...	36	1015.2	0	ESE	2	mb	55	97	6	-	ST	3	-	3	1014.9	-1	WSW	1	mm	57	97	5	-	ST	2	Cu	10
Baldernair ...	794	1015.2	0	ESE	2	mb	55	97	6	-	ST	3	-	3	1014.9	-1	WSW	1	mm	57	97	5	-	ST	2	Cu	10
Tynemouth ...	118	1015.2	-1	-	0	b/c	62	88	6	800	ST	2	-	2	1016.2	+2	-	0	ob	62	92	6	-	-	0	AST	10
Blackhead Point ...	10	1016.2	-1	SE	2	C	61	92	7	7200	ST	7	-	7	1018.1	-2	WNW	4	b/c	62	97	5	-	Cu	6	-	6
Donaghadee ...	35	1016.2	-1	SE	2	C	61	92	7	7200	ST	7	-	7	1018.1	-2	WNW	4	b/c	62	97	5	-	Cu	6	-	6
Birr Castle ...	175	1017.8	+1	S.W	4	off	56	97	7	1500	ST	10	-	10	1017.8	0	S.W	4	b	59	85	7	2500	Cu	3	-	3
Holyhead ...	26	1017.8	+1	S.W	4	off	56	97	7	1500	ST	10	-	10	1017.8	0	S.W	4	b	59	85	7	2500	Cu	3	-	3
Liverpool (Bilston) ...	189	1017.8	+1	S.W	4	off	56	97	7	1500	ST	10	-	10	1017.8	0	S.W	4	b	59	85	7	2500	Cu	3	-	3
Chester (Shotwick) ...	16	1017.8	+1	S.W	4	off	56	97	7	1500	ST	10	-	10	1017.8	0	S.W	4	b	59	85	7	2500	Cu	3	-	3
Spinn Head ...	26	1016.2	-1	SE	2	C	61	92	7	7200	ST	7	-	7	1018.1	-2	WNW	4	OR	62	97	5	2500	Nb	10	-	10
Birmingham (Edgbaston) ...	525	1016.2	-1	SE	2	C	61	92	7	7200	ST	7	-	7	1018.1	-2	WNW	4	OR	62	97	5	2500	Nb	10	-	10
Nottingham ...	82	1016.2	-1	SE	2	C	61	92	7	7200	ST	7	-	7	1018.1	-2	WNW	4	OR	62	97	5	2500	Nb	10	-	10
Cranwell ...	237	1017.5	0	WSW	3	b/c	67	92	6	2500	Cu	4	C	5	1018.6	+1	W'S	2	off	62	97	6	2500	ST	10	-	10
Gorleston ...	13	1018.2	-1	SW	1	b	60	92	7	-	-	0	CST	3	1017.3	0	WNW	1	C/R	67	85	8	4000	Cu	8	-	8
Valencia (Cahiscreeve) ...	30	1017.7	+4	ESE	1	b/c	57	97	9	-	ST	4	-	4	1015.8	-1	SSE	4	C	59	85	8	1500	ST	8	-	8
Roche Point ...	32	1017.7	+4	ESE	1	b/c	57	97	9	-	ST	4	-	4	1015.8	-1	SSE	4	C	59	85	8	1500	ST	8	-	8
Pembroke (St. Ann's H.) ...	149	1015.1	0	S	2	off	56	97	3	<150	ST	10	-	10	1019.8	+1	SSW	2	b	58	92	7	4000	ST	3	-	3
Ross-on-Wye ...	223	1015.1	0	S	2	off	56	97	3	<150	ST	10	-	10	1019.8	+1	SSW	2	b	58	92	7	4000	ST	3	-	3
Bansloe ...	186	1015.1	0	S	2	off	56	97	3	<150	ST	10	-	10	1019.8	+1	SSW	2	b	58	92	7	4000	ST	3	-	3
Anderer ...	295	1015.1	0	S	2	off	56	97	3	<150	ST	10	-	10	1019.8	+1	SSW	2	b	58	92	7	4000	ST	3	-	3
S. Farnborough ...	230	1015.1	0	S	2	off	56	97	3	<150	ST	10	-	10	1019.8	+1	SSW	2	b	58	92	7	4000	ST	3	-	3
London (Kew Obs.) ...	18	1015.1	0	S	2	off	56	97	3	<150	ST	10	-	10	1019.8	+1	SSW	2	b	58	92	7	4000	ST	3	-	3
Croydon ...	244	1018.1	+1	W'S	2	C	66	75	7	5700	ST	2	C	7	1018.6	+2	W'S	2	0	64	85	7	4000	ST	7	AST	10
Clacton-on-Sea ...	54	1018.1	+1	W'S	2	C	66	75	7	5700	ST	2	C	7	1018.6	+2	W'S	2	0	64	85	7	4000	ST	7	AST	10
Sharnbrook ...	11	1018.1	+1	W'S	2	C	66	75	7	5700	ST	2	C	7	1018.6	+2	W'S	2	0	64	85	7	4000	ST	7	AST	10
Grain ...	20	1018.1	+1	W'S	2	C	66	75	7	5700	ST	2	C	7	1018.6	+2	W'S	2	0	64	85	7	4000	ST	7	AST	10
Lymington ...	350	1018.1	+1	W'S	2	C	66	75	7	5700	ST	2	C	7	1018.6	+2	W'S	2	0	64	85	7	4000	ST	7	AST	10
Scilly (St. Mary's) ...	131	1020.0	+1	W	3	b/c	57	92	8	4000	ST	2	-	2	1020.8	0	W	2	b	58	92	8	4000	Cu	2	-	5
Falmouth (Pendennis) ...	250	1021.0	+1	W	2	0	53	97	7	4000	ST	10	-	10	1021.3	+2	SW	2	b/c	57	92	8	4000	ST	5	-	8
Plymouth (Cattewater) ...	82	1021.0	+1	W	2	0	53	97	7	4000	ST	10	-	10	1021.1	+2	W	2	C	60	85	8	2500	ST	8	-	8
Portland Bill ...	19	1021.0	+1	W	2	0	53	97	7	800	ST	10	-	10	1020.7	+1	W	2	b/c	59	92	7	-	-	0	AST	10
Southampton (Cahoon) ...	12	1018.1	+1	WNW	1	C	62	97	7	4000	ST	5	AST	8	1018.6	0	SW	3	off	61	97	7	800	ST	10	-	10
Dunstable ...	21	1018.1	0	SW	3	b/c	59	97	7	-	-	0	AST	4	1018.1	0	SW	2	C/R	60	97	7	4000	ST	8	-	10
Jersey (H.) ...	25	1018.1	0	SW	3	b/c	59	97	7	-	-	0	AST	4	1018.1	0	SW	2	C/R	60	97	7	4000	ST	8	-	10
Guernsey (H.) ...	25	1018.1	0	SW	3	b/c	59	97	7	-	-	0	AST	4	1018.1	0	SW	2	C/R	60	97	7	4000	ST	8	-	10

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Fore-noon.	After-noon.	Min. Night.	Max. Day.	Night 17h-9h.	Day 9h-17h.	Sunrise to 17h.	Sunrise to Sunset.		Fore-noon.	After-noon.	Min. Night.	Max. Day.	Night 17h-9h.	Day 9h-17h.	Sunrise to 17h.	Sunrise to Sunset.
Montrose ...	b3	bccot	53	62	-	-	4.8	8.4	Ilfracombe ...	octcb	bccom	61	69	11	-	3.4	12.6
Herwick-on-Tweed	3b3b	omne	52	59	-	-	7.3	10.4	Bude ...	loc	oo	59	69	0.1	-	1.6	13.0
Llandudno ...	rcbc	bcbe	63	72	1	1	8.0	10.5	Penzance ...	oc	bcc	59	69	0.3	-	8.4	13.0
Colwyn Bay ...	hr	bc	66	72	-	2	4.1	12.6	Paignton ...	bcthr	bccbc	60	79	1	0.3	4.1	13.0
Rhyl ...	ct	cbcc	66	72	-	2	4.1	12.6	Terquay ...	b	b	61	74	2	-	7.8	13.0
Southport ...	ottro	ovco	61	75	-	4	4.0	13.0	Weymouth ...	hr	b	62	74	3	-	-	-
Blackpool ...	ottth	ct	63	78	-	2	4.1	12.0	Bournemouth ...	ebb	bb	63	79	-	-	8.3	13.0
Filley ...	bcccp	oghr	54	83	-	3	6.7	13.0	Portsmouth (S. S. S. S.)	obcb	b	66	70	-	-	8.4	13.0
Harrogate ...	b	offhr	52	83	-	1	6.5	12.5	Worthing ...	bcb	bc	68	74	-	-	8.0	13.0
Stegness ...	mbb	bb	53	75	-	-	11.0	14.1	Brighton ...	bccc	bcb	71	76	-	-	8.9	13.0
Aberystwyth ...	roc	oo	61	68	-	-	1.0	12.0	Eastbourne ...	bcb	bcc	60	72	-	-	-	-
Bath ...	3bcb	b	61	83	-	-	4.4	12.8	Hastings ...	cbcb	bccc	68	78	-	-	9.9	13.0
Leamington Spa ...	c	c	61	83	-	-	4.2	13.1	Folkstone ...	b	b	66	81	-	-	12.3	13.0
Lowestoft ...	b	b	60	80	-	-	12.5	14.1	Tandridge Wells ...	bcb	bc	63	84	-	-	10.1	13.5
Feltstowe ...	bcmbo	bmba	61	80	-	-	12.0	13.8	Barnegate ...	b	bm	68	75	-	-	12.4	14.1
Southend ...	b	bcc	62	83	-	-	11.0	13.0	Margate ...	b	b	64	81	-	-	12.6	14.1
									Deal ...	bb	bb	67	76	-	-	12.6	14.1

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 22,509

Monday, 9th July, 1923.

Page 1

STATIONS.		Observations at 1800 G.M.T.												Observations at 1800 G.M.T.															
		Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp.	Humidity.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp.	Humidity.	Visibility.	Cloud.							
				Direc.	Force.					Height.	Form.	Amt.	Upper Form.			Total Amt.	State of ground.					Direc.	Force.	Height.	Form.	Amt.			
																											0-12	0-10	0-10
(For heights see p. 4).		m.b.								Feet			m.b.								Feet								
Lerwick	...	1015.9	+1	SSW	1	at	55	92	5	800	St	10	-	10	0	1015.1	0	SW	1	at	55	97	3	800	St	10	-	10	0
Sornaway	...	1014.6	0	SSW	3	bc	67	75	8	4000	Cu	5	-	5	0	1014.4	0	SSW	4	bc	64	85	9	4000	Cu	5	-	5	3
Wick	...	1014.6	+1	NW	1	ot	59	97	6	1500	St	10	-	10	0	1014.6	0	NW	2	ot	55	97	6	1500	Nb	10	-	10	0
Castlebay	...	1015.4	+1	SSW	4	c	59	92	8	2500	St	8	-	8	0	1014.5	-1	SE	3	b	60	85	8	1500	St	1	-	1	2
Nairn	...	1014.6	-2	SE	3	bc	66	85	6	2500	St	2	A.Cu	5	1	1014.6	0	NNE	2	0	67	75	8	1500	Cu.Nb	8	A.St	9	0
Aberdeen	...	1015.1	0	NNW	2	bc	62	92	8	5700	Cu	5	-	5	0	1013.0	-3	E	4	bc	63	85	8	5700	Cu	1	A.Cu	4	0
Malin Head	...	1015.8	-1	SW	2	c+	71	75	7	2500	St	8	-	8	0	1016.1	+1	SW	3	b	67	65	8	4000	Cu	3	-	3	0
Benbow	...	1014.8	+2	WSW	2	c/f	65	85	7	-	Cu	5	A.St	8	0	1014.9	0	WSW	2	bc	66	75	8	-	Cu	6	-	6	2
Edinburgh (Inchkeith)	...	1014.3	-1	WSW	2	0	72	75	6	-	-	0	A.St	9	0	1014.9	+1	SW	3	b	73	55	8	5700	Cu	3	-	3	0
Leuchars	...	1017.6	0	SSW	4	mo	58	97	5	450	St	10	-	10	1	1017.6	0	S'W	4	b	61	75	6	1500	St	3	-	3	0
Baldernair	...	1016.1	0	W	1	c	71	65	6	-	-	0	A.Cu	8	0	1016.9	+1	W	1	c	72	65	6	-	-	0	A.Cu	8	3
Tysemouth	...	1017.7	-2	SSW	2	bc	67	65	8	-	-	0	A.Cu	5	0	1010.3	+1	SSW	2	bc	61	92	3	-	-	0	-	10	1
Blackhead Point	...	1016.6	0	SSE	3	bc	66	75	8	1500	Cu	5	-	5	0	1016.2	0	S	3	b	65	75	8	-	-	0	A.Cu	3	3
Doughadoo	...	1015.3	0	SW	1	ot	70	65	8	4000	St	3	A.Cu	7	0	1013.6	0	S	2	ot	61	92	7	2500	Nb	10	-	10	0
Birr Castle	...	1019.0	0	S	4	b	61	85	8	800	Cu	2	A.St	3	0	1018.6	-1	S'W	4	bc	61	85	8	-	-	0	A.St	6	3
Holyhead	...	1018.9	+1	W	3	b	63	75	8	4000	Cu	3	A.St	5	0	1018.4	0	NW	3	b	66	65	9	4000	St	3	-	3	0
Liverpool (Bidston)	...	1018.5	0	W	3	c	70	55	8	4000	Cu	7	-	7	0	1018.7	0	SSW	3	b	71	55	9	4000	Cu	3	-	3	0
Chester (Shotwick)	...	1018.4	0	W	1	b	67	75	6	-	-	0	A.Cu	5	0	1019.1	+1	WSW	2	b	68	65	6	-	-	0	-	0	0
Spurn Head	...	1019.4	0	WSW	3	c	71	65	8	5700	St	7	-	7	0	1019.1	0	WSW	4	bc	74	55	8	7200	Cu	5	-	5	0
Birmingham (Edgbaston)	...	1019.9	0	WSW	3	0	69	65	8	2500	St	10	-	10	0	1019.0	0	WNW	2	b	73	55	8	4000	Cu	1	-	1	0
Nottingham	...	1019.3	+1	SW'W	3	0	70	75	7	2500	St	7	Ci	8	0	1019.2	+1	SW'W	2	b	73	55	8	4000	Cu	3	-	3	0
Cranwell	...	1018.7	+1	W'N	3	c	73	65	6	4000	Cu.Nb	4	A.Cu	7	0	1019.2	+1	W'N	2	bc	74	55	6	-	-	0	A.Cu	6	0
Gorleston	...	1017.6	-4	SSE	5	at	61	92	6	800	St	7	A.St	10	1	1011.5	-1	S	4	at	60	92	6	450	St	10	-	10	3
Valencia (Cahiroiveen)	...	1016.4	-1	SE	3	0	62	85	7	2500	St	10	-	10	0	1013.8	-3	S	4	at	60	97	5	1500	Nb	10	-	10	3
Roches Point	...	1010.3	0	S	3	bc	61	85	7	4000	Cu	3	Ci	4	0	1019.1	-1	S	4	0	59	92	7	4000	St	10	-	10	3
Pembroke (St. Ann's H.)	...	1019.3	0	W'S	4	bc	73	45	8	5700	Cu	4	-	4	0	1019.4	0	WSW	2	bc	71	55	9	5700	Cu	2	Ci	5	0
Ross-on-Wye	...	1020.7	0	W	3	bc	74	45	8	-	Cu	4	-	4	0	1019.8	0	W	3	b	76	45	9	-	-	0	Ci	1	0
Benson	...	1019.2	0	W'S	4	bc	75	55	9	4000	St	5	-	5	0	1020.6	0	SW'W	4	bc	69	65	4	4000	St	3	A.St	4	0
Anlover	...	1020.0	+1	WSW	3	c	78	45	8	4000	Cu	5	Ci	7	0	1019.8	0	SW	4	bc	76	55	8	4000	Cu	5	A.Cu	6	0
S. Farnborough	...	1020.2	0	SW	2	c	73	55	9	4000	Cu	6	Ci	7	0	1019.7	-1	SW'W	3	b	78	35	9	4000	Cu	3	-	3	0
London (Kew Obs.)	...	1019.9	0	W	3	ot	74	55	8	4000	Cu	5	Ci	9	0	1019.8	0	S'W	4	b	73	65	9	4000	Cu	2	-	2	0
Croydon	...	1020.0	+2	SW	2	bc	75	55	5	5700	Cu	2	A.St	5	0	1020.2	+1	SE	2	c	66	85	6	2500	Cu	4	A.Cu	7	0
Clacton-on-Sea	...	1019.9	0	-	0	bc	76	75	7	5700	Cu	1	Ci	4	0	1019.9	0	-	0	bc	76	75	7	5700	Cu	1	Ci	4	0
Shoeburyness	...	1019.8	+2	W	3	b	75	65	8	4000	Cu	2	Ci	3	0	1019.8	0	-	0	bc	77	35	8	4000	Cu	2	Ci	4	0
Grain	...	1020.1	+2	SW	4	bc	75	75	8	4000	Cu	3	Ci	6	0	1020.4	+1	SW	3	c	67	75	8	4000	Cu	1	Ci	8	0
Lympne	...	1020.6	0	S	4	c+	65	75	6	4000	St	8	-	8	0	1019.4	-3	S	4	0	61	92	7	4000	St	10	-	10	1
Billy (St. Mary's)	...	1021.1	0	SW	4	bc	65	65	8	4000	St	6	-	6	0	1019.8	-1	S	4	c	63	85	7	2500	St	7	-	7	0
Falmouth (Pendennis)	...	1021.7	+1	SW	4	b	66	85	8	2500	St	2	-	2	0	1020.3	-1	SSW	3	bc	63	92	8	2500	St	1	Ci	6	0
Plymouth (Cattewater)	...	1021.5	+1	SW	3	b	61	92	7	-	-	0	-	0	0	1021.5	0	SW	3	bc	60	92	7	-	-	0	Ci	3	0
Portland Bill	...	1021.1	+1	SW	5	b	68	75	8	4000	St	2	A.St	3	0	1021.6	+1	SW	4	b	65	85	8	-	-	0	A.St	3	0
Southampton (Calshot)	...	1020.3	+1	SW	5	0	63	85	6	800	St	10	-	10	0	1020.9	+1	WSW	4	bc	62	85	7	-	-	0	Ci	4	5
Duneglass	...	1020.2	0	W	3	c	65	75	8	-	-	0	A.Cu	7	0	1020.9	0	WNW	3	b	69	55	8	-	-	0	-	0	3
Jersey	...	1020.2	0	W	3	c	65	75	8	-	-	0	A.Cu	7	0	1020.9	0	WNW	3	b	69	55	8	-	-	0	-	0	3

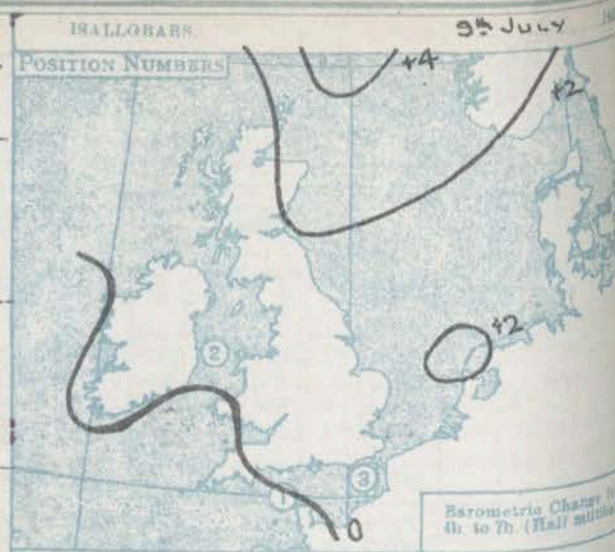
LONDON OBSERVATIONS.		WEATHER.			TEMPERATURE.			RAIN-FALL.		SUN-SHINE.		HUMIDITY.		ATMOSPHERIC POLLUTION.				POLE STAR RECORD at Greenwich Obsy.			CODE FOR STATE OF GROUND.						
		Morn-ing.	After-noon.	Night.	Max. of.	Min. of.	Min. on Grass.	Day.	Night.	15h. G.M.T.	9h. G.M.T.	24 HR. ended 1800 G.M.T.	South Kensington	Max. Time.	Min. Time.	Stars.	Expos-ure.	Record.	1=Dry ground.	2=Wet ground.	3=Soft (muddy) wet ground.	4=Bare ground frozen (but less than 2 ins. deep).	5=Bare ground frozen (but more than 2 ins. deep).	6=Dew for wet grass but not ground.	7=Stating to-day in 1800 and 1800 reports (frost in 0100 and 0700 reports).	8=Snow (thin layer, often not continuous).	9=Snow (deep, impeding traffic, usually a continuous layer).	0=Glazed roads (ice on roads from frozen rain or melted snow).
24 hours ended 0700		ocvy	crybc	bbbw	.	.	42	-	8.5	.	.	24 HR. ended 1800 G.M.T.	Max. Time.	Min. Time.	Stars.	Expos-ure.	Record.	1=Dry ground.	2=Wet ground.	3=Soft (muddy) wet ground.	4=Bare ground frozen (but less than 2 ins. deep).	5=Bare ground frozen (but more than 2 ins. deep).	6=Dew for wet grass but not ground.	7=Stating to-day in 1800 and 1800 reports (frost in 0100 and 0700 reports).	8=Snow (thin layer, often not continuous).	9=Snow (deep, impeding traffic, usually a continuous layer).	0=Glazed roads (ice on roads from frozen rain or melted snow).
Kew	...	ocvy	crybc	bbbw	.	.	42	-	8.5	.	.	24 HR. ended 1800 G.M.T.	Max. Time.	Min. Time.	Stars.	Expos-ure.	Record.	1=Dry ground.	2=Wet ground.	3=Soft (muddy) wet ground.	4=Bare ground frozen (but less than 2 ins. deep).	5=Bare ground frozen (but more than 2 ins. deep).	6=Dew for wet grass but not ground.	7=Stating to-day in 1800 and 1800 reports (frost in 0100 and 0700 reports).	8=Snow (thin layer, often not continuous).	9=Snow (deep, impeding traffic, usually a continuous layer).	0=Glazed roads (ice on roads from frozen rain or melted snow).
Croydon	...	ocvy	crybc	bbbw	.	.	46	-	8.5	.	.	24 HR. ended 1800 G.M.T.	Max. Time.	Min. Time.	Stars.	Expos-ure.	Record.	1=Dry ground.	2=Wet ground.	3=Soft (muddy) wet ground.	4=Bare ground frozen (but less than 2 ins. deep).	5=Bare ground frozen (but more than 2 ins. deep).	6=Dew for wet grass but not ground.	7=Stating to-day in 1800 and 1800 reports (frost in 0100 and 0700 reports).	8=Snow (thin layer, often not continuous).	9=Snow (deep, impeding traffic, usually a continuous layer).	0=Glazed roads (ice on roads from frozen rain or melted snow).
Greenwich (Boyd Obsy.)	...	ocvy	crybc	bbbw	.	.	39	-	8.0	42	49	24 HR. ended 1800 G.M.T.	Max. Time.	Min. Time.	Stars.	Expos-ure.	Record.	1=Dry ground.	2=Wet ground.	3=Soft (muddy) wet ground.	4=Bare ground frozen (but less than 2 ins. deep).	5=Bare ground frozen (but more than 2 ins. deep).	6=Dew for wet grass but not ground.	7=Stating to-day in 1800 and 1800 reports (frost in 0100 and 0700 reports).	8=Snow (thin layer, often not continuous).	9=Snow (deep, impeding traffic, usually a continuous layer).	0=Glazed roads (ice on roads from frozen rain or melted snow).
City (Bunhill Row)	...	.	.	.	.	.	.	-	7.4	.	.	24 HR. ended 1800 G.M.T.	Max. Time.	Min. Time.	Stars.	Expos-ure.	Record.	1=Dry ground.	2=Wet ground.	3=Soft (muddy) wet ground.	4=Bare ground frozen (but less than 2 ins. deep).	5=Bare ground frozen (but more than 2 ins. deep).	6=Dew for wet grass but not ground.	7=Stating to-day in 1800 and 1800 reports (frost in 0100 and 0700 reports).	8=Snow (thin layer, often not continuous).	9=Snow (deep, impeding traffic, usually a continuous layer).	0=Glazed roads (ice on roads from frozen rain or melted snow).
Westminster (St. James' Pk.)	...	.	.	.	79	56	50	-	8.6	47	53	24 HR. ended 1800 G.M.T.	Max. Time.	Min. Time.	Stars.	Expos-ure.	Record.	1=Dry ground.	2=Wet ground.	3=Soft (muddy) wet ground.	4=Bare ground frozen (but less than 2 ins. deep).	5=Bare ground frozen (but more than 2 ins. deep).	6=Dew for wet grass but not ground.	7=Stating to-day in 1800 and 1800 reports (frost in 0100 and 0700 reports).	8=Snow (thin layer, often not continuous).	9=Snow (deep, impeding traffic, usually a continuous layer).	0=Glazed roads (ice on roads from frozen rain or melted snow).
Regent's Pk. (Botanic Gdns.)	...	.	.	.	.	.	.	-	8.8	.	.	24 HR. ended 1800 G.M.T.	Max. Time.	Min. Time.	Stars.	Expos-ure.	Record.	1=Dry ground									

LONDON OBSERVATIONS.		WEATHER.			TEMPERATURE.			RAIN-FALL. mm.	SUNSHINE to Sunset. hrs.	HUMIDITY.		ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.	POLE STAR RECORD at Greenwich Obs.	CODE FOR STATE OF GROUND.			
		Morn- ing.	After- noon.	Night.	Max. OF.	Min. OF.	Min. on Grass. OF.			15h. G.M.T. %	9h. G.M.T. %						
24 HOURS ENDED 0900 G.M.T.								Des. N.		YESTERDAY. TO-DAY.		24 HR. ended 1800 G.M.T.		Exposure from 8h. 21m. to 30m.	8=Dry ground. 1=Wet ground. 2=Soft (muddy) wet ground. 3=Bare ground frozen (but less than 2 ins. deep). 4=Bare ground frozen (but more than 2 ins. deep). 5=Dew or wet grass but not at ground). 6=Seating to-day in 1900 and 1900 reports (frost in 0100 and 0700 reports). 7=Snow (thin layer, often not continuous). 8=Snow (deep, impeding traffic, usually a con- tinuous layer). 9=Glassed roads (ice on roads from frozen rain or settled snow).		
Kew	24 hours ended 0700	ocvy	cyvbc	bbbw	.	.	42	-	8.5	.	.	South Kensington	Max. Time. Min. Time.			Stars. Expos- ure. Record.	Polaris h. m. h. m. % S. 0 S. 0 100	J. Uranus S. 0 S. 0 100	Minoris
Croydon		ocvy	bcyb	bhwz	.	.	46	-	8.5	.	.	Max. Time. Min. Time.					
Greenwich (Royal Obs.)		oc	cbc	b	83	52	39	-	8.0	42	49						
City (Dunhill Row)		.	.	.	.	.	.	-	7.4	.	.						
Westminster (St. James' Pl.)		.	.	.	79	56	50	-	8.6	47	53						
Regent's Pl. (Botanic Gdns.)		.	.	.	.	.	.	-	8.8	.	.						
Golden Square		oc	cbc	.	82	57	55	-	.	.	61						
Kennington Palace		abc	bc	.	80	55	47	-	.	4 (18h)	57						
Hampstead Observatory		.	.	.	78	53	42	-	8.3	.	56						

RADIO DISTURBANCES (Atmospherics) AT CROYDON.		TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.				BEAUFORT NOTATION OF WEATHER.		THE BEAUFORT SCALE OF WIND is used only for surface observations. It is the accom- panying table the speed of the wind corresponding with the different numbers, is the speed at about 50 feet above the ground.		SEA DISTURBANCE.		BEAUFORT No.		Statute miles per hour.						
Time.	Type.	No. per sec.	Speed.	Dir.	STATIONS.	Sunrise.	Noon.	Sunset.	b blue sky (not more than a quarter covered). bc sky partly cloudy (one half covered). c generally cloudy (three-quarters covered). d drizzle, h hail. EQ line squall. l lightning. o overcast sky. m mist, visibility 1000-10000 m. f fog. 200-1000 m. F thick fog " less than 200 m. p precipitation within sight of station. p passing showers r rain. s snow. rs sleet. t thunder. v unusual visibility. y dry air. z dust haze; the turbid atmo- sphere of dry weather.		With present weather is com- bined, whenever possible, the general character of the weather. A "solidus" divides actual exist- ing weather from preceding condi- tions, thus: -bc/r= fair weather after rain; i= intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail".		Capital letters indicate intense, smaller o indicates slight and repetition of letters continuity, thus: - R = heavy rain. rr = continuous moderate rain. rso = continuous light rain.		0=no swell } Calm or 1=mod. swell } slight 2=heavy swell } sea. 3=no swell } Moderate 4=mod. swell } sea. 5=heavy swell } sea. 6=rather rough sea. 7=rough sea. 8=very rough sea. 9=mountainous sea.		0 1 2 3 4 5 6 7 8 9 10 11 12		Less than 1 1-3 4-7 8-19 12-13 19-24 26-21 23-26 26-45 47-54 55-58 64-76 Above 76	
1h.	CG	7	-	80	Yarmouth	3.42	11.58	8.14												
1h.	CC	7	-	115	Greenwich	3.43	11.58	8.14												
1h.	CC	6	-	150	Wick	3.53	12.5	8.15												
1h.	CC	6	-	145	Valencia	3.36	12.5	8.14												
						3.21	12.17	9.12												
						3.22	12.19	9.11												
						4.33	12.46	8.59												
						4.34	12.46	8.58												

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.					BEAUFORT NOTATION OF WEATHER.					The BEAUFORT SCALE of WIND is used only for surface observations. In the accom- panying table the speed of the wind corresponding with the different numbers, is the speed at about 50 feet above the ground.					SEA DISTURBANCE.					Beau- fort No.	State miles per hour.			
SEASIDE, 10th JULY, 1888.																								
STATIONS.					Sunrise. Noon. Sunset.																			
					G.M.T. G.M.T. G.M.T.																			
1st	cg	7	-	80	Yarmouth	3.42	11.58	8.14	d	drizzle. h	hail. KQ	line squall.	With present weather is com- bined, whenever possible, the general character of the weather.											
2nd	cc	7	-	115	Greenwich	3.43	11.58	8.14	e	sky partly cloudy (one half covered).			A "solidus" divides actual exist- ing weather from preceding condi- tions, thus i-bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail".											
3rd	cc	6	-	150	Wick	3.53	12.5	8.45	f	thick fog "	less than 200 m.		Capital letters indicate intense, smaller o indicates slight and repetition of letters continuity, thus i-											
4th	cc	6	-	145	Valencia	4.33	12.46	8.59	g	passing showers	r	rain.	R = heavy rain.											
						4.24	12.46	8.58	s	snow. rs	aloft. t	thunder.	rr = continuous moderate rain.											
									v	normal visibility.	y	dry air.	ro = continuous light rain.											
									x	dust haze; the turbid atmo- sphere of dry weather.														

STATIONS.	SUMMARIES FOR THE PAST 24 HOURS.												50th 8th Hours.
	WEATHER.				TEMPERATURE.				RAINFALL†				
	7h-13h. 8th	13h-18h. 8th	18h-8th to 1h-7h. 9th	1h-7h. 9th	MAX. Day. 7h-13h.	MIN. Night. 13h-7h.	MIN. on GRASS	Day. 7h-13h. mm.	Night. 13h-7h. mm.	Precipitation began.	Precipitation began.		
Lerwick ...	omr	omr	omr	ofr	60	53	.	6	11	10800	12100	2.2	
Stornoway ...	bc	bpc	bbe	b	67	48	.	-	1	-	-	9.3	
Wick ...	Rmt	amidj	ELRabje	offow	61	50	.	5	17	0900	12100	9.7	
Castlesay ecom omch	bbe	okk	ocbc	cbc	61	55	.	-	5	-	-	0.8	
Nairn ...	bcmt	okk	ocbc	cbc	70	52	.	9	-	1530	-	1.3	
Aberdeen ...	ELR	co	oizo	oc	70	53	46	2	-	10800	-	1.3	
Malin Head ...	bcr	bcr	bccov	ovr	69	57	.	-	1	-	0230	11.7	
Renfrew ...	omc	cbcrb	bccc	coo	72	54	44	-	-	-	-	8.5	
Edinburgh(Inchkeith) ...	lm	c	c	oo	65	55	47	-	-	-	-	6.0	
Leuchars ...	om	omlbrb	bybc	bcco	75	49	36	0.1	-	1530	-	5.9	
Eskdalemuir ...	ofeam	ozcbe	bccoz	ozo	66	52	52	-	-	-	-	4.7	
Tynemouth ...	oo	b-bc	bbe	bbcw	73	58	46	0.3	-	10800	-	.	
Blackad Point ...	c	c	b	b	69	55	.	-	3	-	-	.	
Donaghadee ...	bc	bc	bc	afd	70	56	.	-	0.4	-	0330	.	
Birr Castle ...	bcco	ovr	co	crc	71	59	57	1	1	1630	-	8.3	
Holyhead ...	coobe	bcc	bcco	oo	64	58	57	-	-	-	-	8.9	
Liverpool (Bidston) ...	bc	b	bco	bco	70	58	54	-	-	-	-	8.7	
Chester (Shotwick) ...	amoc	cbcb	bb	bcco	74	50	44	-	-	-	-	7.6	
Spurn Head ...	c	c	bbe	c	71	56	.	Trace	-	10800	-	4.5	
Birmingham (Edgbaston) ...	bcc	bcrv	bcc	bc	76	55	45	-	-	-	-	6.8	
Nottingham ...	c	c	b	bbe	75	51	47	-	-	-	-	5.9	
Cranwell ...	oc	bc	bbe	bbcw	74	49	42	-	-	-	-	8.2	
Gorleston ...	cmf	cmfcm	bmb	bbz	78	59	3	Trace	-	1100	-	6.0	
Valencia (Cahiroveon) ...	oid	amdr	ordm	orpd	64	59	58	6	5	1100	12100	1.6	
Roche Point ...	bco	odm	odm	odm	66	58	*	4	4	0830	12100	*	
Pembroke (St. Ann's H.) ...	b-bc	bcco	afmd	omdr	61	57	.	-	2	-	0130	10.4	
Rose-on-Wye ...	bccobg	beyby	cbeb	bccbe	45	57	51	-	-	-	-	10.2	
Benson ...	obc	bcb	bb	bb	79	47	39	-	-	-	-	.	
Andover ...	ocby	bey	bab	bfn	77	46	43	-	-	-	-	10.3	
S. Farnborough ...	ocv	cbc	bcb	bw	82	44	41	-	-	-	-	9.0	
London (Kew Obs.) ...	ocv	cybeb	bb	bbw	80	55	42	-	-	-	-	8.5	
Oxford ...	ocv	beyb	b	bwz	79	51	46	-	-	-	-	8.5	
Glaughton-on-Sea ...	cpz	cbcz	cbcz	cbcz	76	56	48	Trace	-	10800	-	7.1	
Shoeburyness ...	etcb	bc	bc	b	79	60	42	0.6	-	10800	-	8.8	
Grain ...	opcbc	bccy	bcb	bmw	79	49	42	Trace	-	-	-	8.7	
Lymington ...	omc	bcc	cw	bw	75	51	41	-	Trace	-	-	9.15	
Bally (St. Mary's) ...	bcc	co	oo	omr	66	58	.	-	2	-	0430	6.7	
Falmouth (Fendernis) ...	bcc	cbcc	cbco	oc	67	59	.	-	-	-	-	12.6	
Plymouth (Cattewater) ...	bcb	bbe	bco	oo	67	59	.	-	-	-	-	11.6	
Portland Bill ...	b-bc	b-bc	bbe	bbe	62	54	.	-	-	-	-	.	
Southampton (Calshot) ...	c	byb	b	bcco	70	55	50	Trace	-	0900	-	9.8	
Dungeness ...	oo	form	hbc	bbe	65	53	.	-	-	-	-	.	
Jersey ...	obcc	cb	b	b	70	54	.	-	-	-	-	11.0	

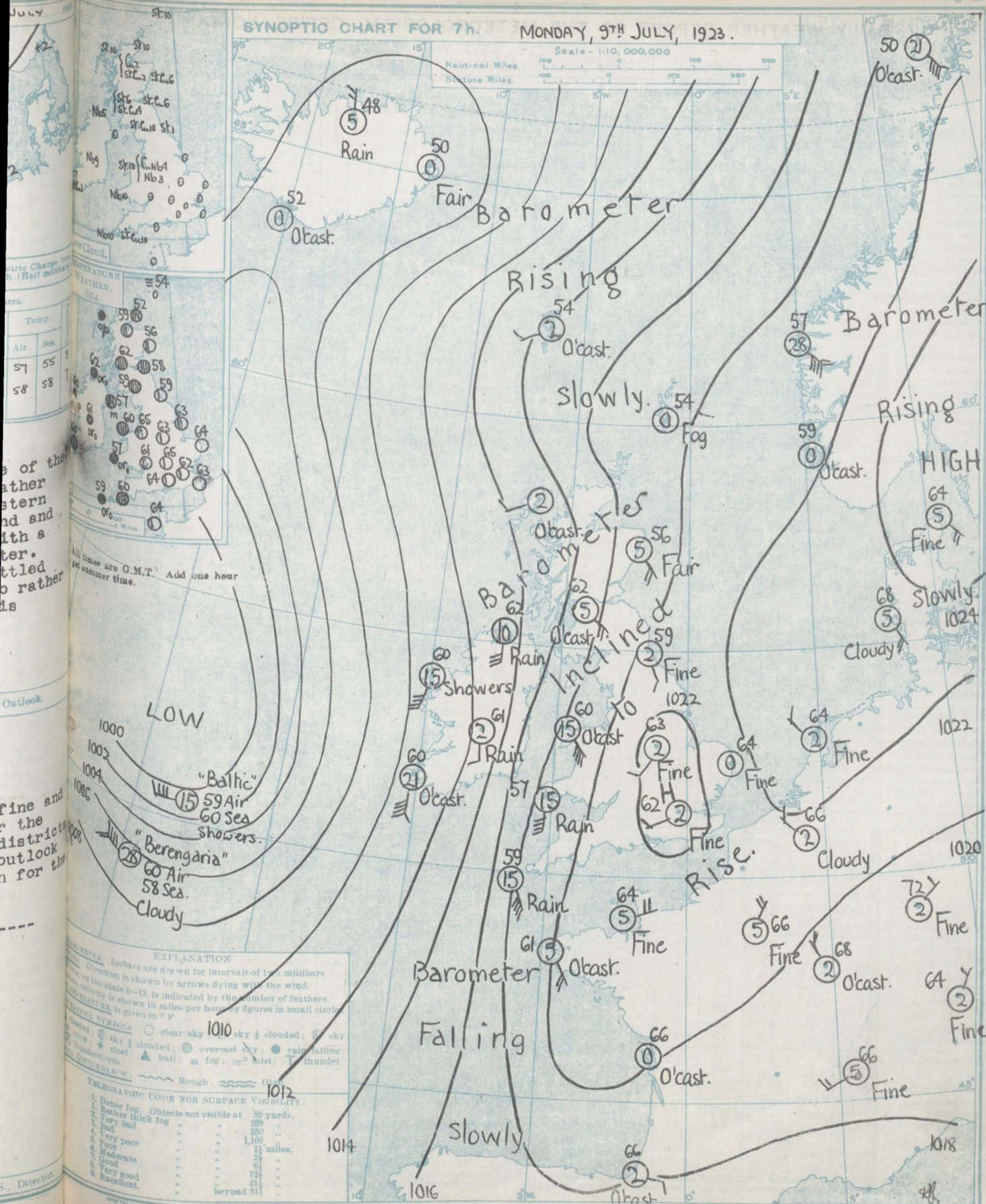


SYNOPTIC CHART FOR 7h.

MONDAY, 9TH JULY, 1923.

Scale - 1:10,000,000

Nautical Miles
Statute Miles



EXPLANATION

Isobars are drawn for intervals of two millibars. Direction is shown by arrows flying with the wind. Force on the scale 0-12, is indicated by the number of feathers. Temperature is shown in miles per hour by figures in small circles. Wind velocity is given in ° p.

SYMBOLS: ○ clear sky; ☁ sky & clouded; ☁☁ sky & clouded; ☁☁☁ overcast sky; ☁☁☁☁ rain falling; ☁☁☁☁☁ thunderstorm; ☁☁☁☁☁☁ fog; ☁☁☁☁☁☁☁ mist; ☁☁☁☁☁☁☁☁ thunder.

WIND: ~~~~~ Rough; ~~~~~ Heavy.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

0. Dense fog.	Objects not visible at 20 yards.
1. Rather thick fog.	" " 200 "
2. Very bad.	" " 500 "
3. Bad.	" " 1,000 "
4. Very poor.	" " 1,000 "
5. Poor.	" " 1,000 "
6. Moderate.	" " 2,000 "
7. Good.	" " 3,000 "
8. Very good.	" " 4,000 "
9. Excellent.	" " beyond 31 miles.

DIR

No. 190.

I have 1.00 minute page 1

Low CI

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B22510

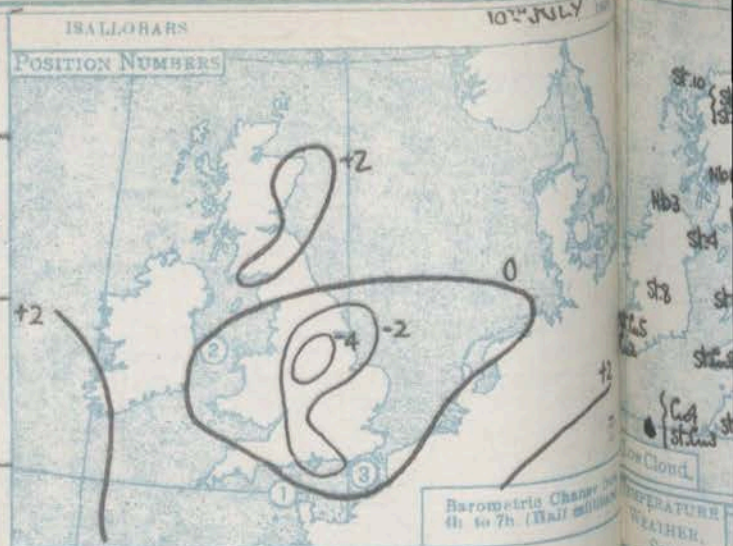
TUESDAY, 10th JULY, 1923.

Page 1

STATIONS.		Observations at 1800 G.M.T.												Observations at 1800 G.M.T.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. m.	Cloud.					Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. m.	Cloud.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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(For heights see p.4).		m.b.		0-12						Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12							Feet	Form	0-10		m.b.		0-12			

LONDON OBSERVATIONS.				WEATHER.			TEMPERATURE.			RAIN-FALL.		SUN-SHINE.		HUMIDITY.		ATMOSPHERIC POLLUTION.		POLE STAR RECORD at Greenwich Obs.		CODE FOR STATE OF GROUND.		
				Morn-ing.	After-noon.	Night.	Max. °F.	Min. °F.	Min. on Grass. °F.	Day.	Night.	Day.	Night.	15h. G.M.T. %	9h. G.M.T. %	Milligrams of Solid Impurity per cubic metre.		Exposure from		0 = Dry ground. 1 = Wet ground. 2 = Soft (muddy) wet ground. 3 = Bare ground frozen (but less than 3 ins. deep). 4 = Bare ground frozen (but more than 3 ins. deep). 5 = Dew (or wet grass but not wet ground). 6 = Skating to-day in 1900 and 1906 reports (None frost in 0100 and 0700 reports). 7 = Snow (thin layer, often not continuous). 8 = Snow (deep, impeding traffic, usually a continuous layer). 9 = Glazed roads (ice on roads from frozen rain or melted snow).		
24 HOURS ENDED 0900 G.M.T. 10-7-23.										YESTERDAY.		TO-DAY.				24 Hrs. ended 1800 G.M.T. 9-7-23.		South Kensington				
				Max.	Time.	Min.	Time.	Max.	Time.	Min.	Time.	Max.	Time.	Min.	Time.			Kew Observatory				
				0.3	7 00 8	< 0.3	0 10 4	0.3	0 00 3	< 0.3	0 40 3	0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris			
				0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris						3 Ursa					
				0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris						3 Ursa					
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				0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris						3 Ursa					
				0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris						3 Ursa					
				0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris						3 Ursa					
				0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris						3 Ursa					
				0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris						3 Ursa					
				0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris						3 Ursa					
				0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris						3 Ursa					
				0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris						3 Ursa					
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				0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris						3 Ursa					
				0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris						3 Ursa					
				0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris						3 Ursa					
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				0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris						3 Ursa					
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				0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris						3 Ursa					
				0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris						3 Ursa					
				0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris						3 Ursa					
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				0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris						3 Ursa					
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				0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris						3 Ursa					
				0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris						3 Ursa					
				0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris						3 Ursa					
				0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris						3 Ursa					
				0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris						3 Ursa					
				0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris						3 Ursa					
				0.4	0 00 5	0 00 9	< 0.3	rest of day			Polaris						3 Ursa					

STATIONS.	SUMMARIES FOR THE PAST 24 HOURS.												Sun. 9h. Hours.
	WEATHER.				TEMPERATURE.			RAINFALL.					
	7h-12h. 9h	12h-12h. 9h	12h-12h. to 1h 10h	1h-7h. 10h	MAX. Day. 7h-12h.	MIN. Night. 12h-7h.	MIN. on Grass	Day. 7h-12h. mm.	Night. 12h-7h. mm.	Precipitation began.	Precipitation ended.		
Lerwick	ot	ot	b	b	53	53	.	-	-	-	-	4.1	
Stornoway	ot	ot	b	b	65	54	.	1	Trace	-	-	2.0	
Wick	ot	ot	b	b	61	53	.	-	-	-	-	2.	
Castlety	ot	ot	b	b	60	56	.	0.6	0.6	-	-	0.0	
Nairn	ot	ot	b	b	70	59	.	-	-	-	-	8.0	
Aberdeen	ot	ot	b	b	70	54	47	-	-	-	-		
Malin Head	ot	ot	b	b	70	56	.	3	-	-	-	2.1	
Renfrew	ot	ot	b	b	68	55	45	-	0.5	-	-	0.1	
Edinburgh (Inchkeith)	ot	ot	b	b	67	55	54	-	Trace	-	-	2.1	
Leith	ot	ot	b	b	72	55	45	-	-	-	-	4.8	
Eastleam	ot	ot	b	b	70	56	54	-	1	-	-	5.3	
Tynemouth	ot	ot	b	b	66	54	51	-	2	-	-		
Blackhead Point	ot	ot	b	b	69	52	.	7	-	-	-		
Donaghadee	ot	ot	b	b	67	54	.	2	-	-	-		
Birr Castle	ot	ot	b	b	66	55	50	0.4	0.2	0800	0100	0.3	
Holyhead	ot	ot	b	b	68	58	58	0.1	0.5	16.30	0100	0.5	
Liverpool (Bidston)	ot	ot	b	b	78	57	55	-	5	-	-	6.0	
Chester (Shotwick)	ot	ot	b	b	78	58	55	-	4	-	-	7.2	
Spurn Head	ot	ot	b	b	66	56	.	-	2	-	-	0.3	
Birmingham (Edgbaston)	ot	ot	b	b	80	62	58	-	1	-	-	13.2	
Nottingham	ot	ot	b	b	82	61	60	-	26	-	-	14.0	
Cranwell	ot	ot	b	b	81	59	56	-	22	-	-	14.3	
Gorleston	ot	ot	b	b	67	59	.	-	-	-	-	14.1	
Valencia (Cahiroreen)	ot	ot	b	b	65	57	52	0.6	-	1100	-	6.7	
Roches Point	ot	ot	b	b	60	58	.	4	0.3	1330	0100		
Fenbrook (St. Ann's H.)	ot	ot	b	b	62	56	.	2	1	0800	0100	0.0	
Ross-on-Wye	ot	ot	b	b	76	60	56	-	0.6	-	-	8.5	
Benson	ot	ot	b	b	82	60	57	-	1	-	-		
Andover	ot	ot	b	b	81	53	56	-	0.3	-	-	10.4	
S. Farnborough	ot	ot	b	b	83	62	62	-	6	-	-	13.0	
London (Kew Obs.)	ot	ot	b	b	84	63	62	-	52	-	-	11.2	
Croydon	ot	ot	b	b	82	60	60	-	40	-	-	14.0	
Orleton-on-Sea	ot	ot	b	b	71	61	59	-	-	-	-	14.3	
Shoeburyness	ot	ot	b	b	76	61	55	-	-	-	-	13.9	
Grain	ot	ot	b	b	72	63	59	-	-	-	-	14.0	
Lympne	ot	ot	b	b	76	61	58	-	-	-	-	14.4	
Scilly (St. Mary's)	ot	ot	b	b	60	53	.	8	-	0800	-	0.2	
Falmouth (Pendennis)	ot	ot	b	b	64	57	.	1	1	0900	0430	0.0	
Plymouth (Cattewater)	ot	ot	b	b	70	59	61	Trace	1	15.30	0100	0.9	
Portland Bill	ot	ot	b	b	66	61	.	-	-	-	-		
Southampton (Cable)	ot	ot	b	b	76	61	59	-	Trace	-	-	9.8	
Dungeness	ot	ot	b	b	74	62	.	-	-	-	-		
Jersey	ot	ot	b	b	78	61	.	-	-	-	-	12.8	



Observations from Cross Channel Steamers									
Position	Date and Time	Steamship	Wind	Weather	Air	Sea	Temp.	Bar.	Wind
2	9 ^h 1000	Cambria	SSE	5	ap	57	54	58	59
1	9 ^h 1100	Ibex	ENE	3	bc	64	60	60	61
3	10 ^h 0300	Brighton	N	2	otl	64	60	60	61

GENERAL INFERENCE.

The anticyclone persists over Scandinavia and the Baltic but there are shallow depressions over the British Isles and France. Thunderstorms are likely to be experienced in most districts with very warm sultry weather.

Districts. Forecasts for the 24 hours commencing 15h G.M.T. Tuesday, 10th July, 1923.

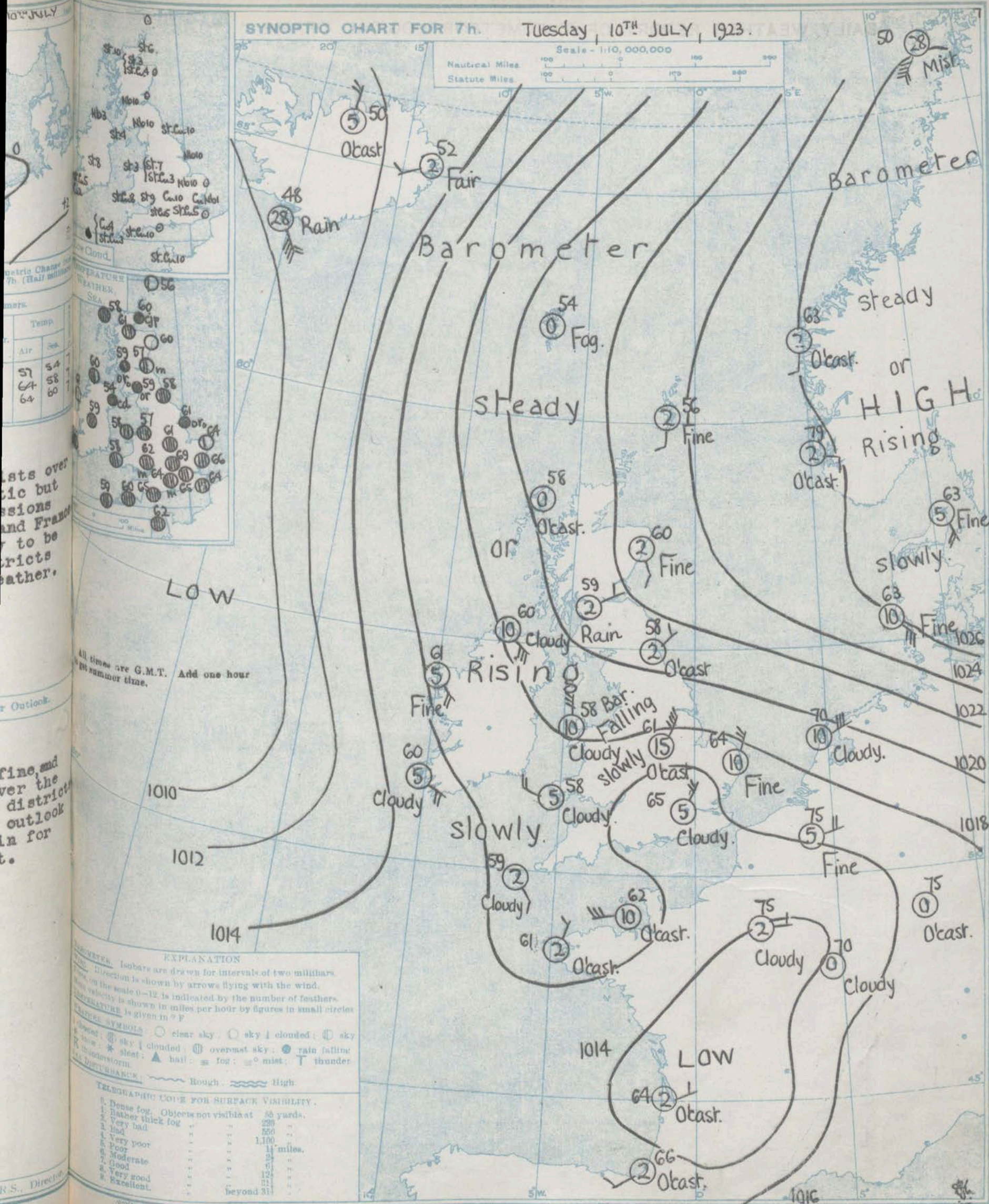
1. S.E. England	Light indefinite winds; much cloud at times, with local thunderstorms; some mist; very warm.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Light indefinite winds; cloudy, occasional rain, thunderstorms locally; some mist; warm.
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	As 0 - 4.
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	As 5 - 7.
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Mainly fine, and warm, over the eastern districts; further outlook uncertain for the West.

Tuesday, 10TH JULY, 1923.

Scale = 1:10,000,000

Nautical Miles
Statute Miles



M. M. Stoddard:Chile, Press Kingsway, W.C.3

DRE

No. 191.

[illegible]

©

A hand-drawn map of a coastal area. It features a wavy line representing the coastline. To the left of the coastline, the word 'St' is written. To the right, the word 'No' is written. Below 'No', the words 'Low Cloud' are written. Above the coastline, the words '1000 ft' are written. The map is drawn on a grid background.

How Clou

1 c. : footnote page 1



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.22511

WEDNESDAY, 11th JULY 1923.

Page 1

STATIONS. (For heights see p. 4).	Observations at 1800 G.M.T. 10 ¹⁵														Observations at 1800 G.M.T. 10 ¹⁵																	
	Barom. at M.S.L. Change in 3 Hours		Wind. Dir. Force		Weather.	Temp. °F.	Humidity. %	Visibility. m.	Cloud.				Barom. at M.S.L. Change in 3 Hours		Wind. Dir. Force		Weather.	Temp. °F.	Humidity. %	Visibility. m.	Cloud.											
									Low.			Upper Form.									Low.			Upper Form.	Total Amt.	State of Ground.	Low.			Upper Form.	Total Amt.	State of Ground.
									Height Feet	Form	Amt.										Height Feet	Form	Amt.				Height Feet	Form	Amt.			
Lerwick	10244	+1	SSW	1	0	61	75	6	-	-	-	10243	-1	S	1	0	59	85	6	1500	St	10	-	10	0							
Stornoway	10211	+1	-	0	0	62	92	7	800	St	8	-	8	10203	0	E	0	61	97	1	800	St	10	-	10	0						
Wick	10221	+1	SSE	2	0	58	92	6	800	St	6	As	10	10212	-1	E	1	55	92	7	1500	St	6	Cst	10	0						
Castellbay	10203	+0	SE	3	C	61	85	7	4000	St	7	-	7	10208	0	N.W.	2	bc	62	75	7	4000	?	?	?	2.						
Nairn	10203	0	-	-	-	-	-	-	-	-	-	-	-	10203	-	ENE	1	bc	62	85	7	4000	Cu	4	Cu	6	-					
Aberdeen	10235	0	-	0	0	62	85	6	1500	St	10	-	10	10215	-1	NE	3	0	60	85	6	1500	St	9	-	9	0					
Malla Head	10190	+1	E	3	0	60	92	8	5700	CuNb	2	Cu	6	10189	+1	E	2	C	58	97	7	-	-	0	Cu	7	0					
Renfrew	10241	-2	E	3	0	64	75	6	2500	St	5	Ac	10	10198	-2	ENE	3	C	70	65	7	-	-	0	Ac	7	0					
Edinburgh (Inchkeith)	10246	-3	E	3	C	53	97	6	-	St	2	Ac	7	10203	0	E	3	off	58	92	7	-	-	0	As	10	2					
Leuchars	10248	-3	ENE	1	off	59	97	5	450	St	10	-	10	10207	+0	E	2	0	58	92	6	450	St	8	As	10	-					
Baldernair	10192	-2	N	4	bc	65	75	7	2500	St	2	Cst	4	10198	+0	NIE	2	off	63	85	6	2500	Nb	4	As	10	-					
Tynemouth	10197	-3	NE	1	off	56	97	5	-	-	0	As	10	10197	-1	N	1	to	56	92	2	450	St	10	-	10	1					
Blackod Point	10133	+2	NW	2	bc	66	85	8	-	-	0	As	5	10195	+1	NW	2	b	66	75	9	-	-	0	As	2	0					
Donaghadee	10182	0	N	2	bc	61	85	8	-	-	0	As	5	10190	0	N	2	bc	62	85	8	-	-	0	Cst	4	2					
Birr Castle	10173	0	SE	1	c	66	75	8	4000	St	7	-	7	10171	0	SE	1	bc	73	65	8	4000	St	4	Ac	6	-					
Holyhead	10174	0	NIE	4	bc	63	85	6	-	-	0	Ac	6	10181	+0	NW	3	0	58	92	6	-	-	0	Ac	9	1					
Liverpool (Bidston)	10174	0	NW	1	c	65	92	6	2500	St	3	As	8	10180	+1	NW	1	off	65	97	5	1500	CuNb	10	-	10	2					
Chester (Shotwick)	10170	0	N.W.	3	0	71	75	6	4000	St	10	-	10	10174	+1	NW	1	off	66	92	4	1500	Nb	10	-	10	-					
Spurn Head	10188	-2	NNE	4	ffo	61	92	3	450	St	10	-	10	10190	+1	N	3	bc	61	97	6	-	-	0	Ac	6	3					
Birmingham (Edgbaston)	10177	+1	E	3	off	68	92	5	4000	Nb	10	-	10	10167	-0	NNE	4	C	73	75	6	4000	Cu	5	Ac	7	-					
Nottingham	10174	-1	NE	4	0	73	75	8	-	-	0	As	10	10168	-1	ENE	4	bc	70	85	8	-	-	0	Cst	5	-					
Cratwell	10183	+1	NEN	3	off	71	75	6	2500	St	8	-	8	10173	-1	NIE	3	bc	67	85	6	2500	St	3	Cst	5	-					
Gorleston	10176	0	NNE	1	bc	64	75	6	-	-	0	Cu	4	10171	-1	-	0	bc	68	75	6	-	-	0	Cu	4	0					
Valencia (Cahirciveen)	10176	+1	SE	3	b	68	65	8	4000	St	3	-	3	10188	+3	NW	2	bc	65	75	8	4000	St	4	-	4	0					
Roches Point	10183	+1	S	2	0	63	85	8	2500	CuNb	2	Ac	8	10192	0	S	1	b	64	85	8	4000	St	1	-	1	0					
Pembroke (St. Ann's H.)	10164	-1	NNE	3	c	64	75	8	4000	St	7	-	7	10174	-1	N	4	bc	64	85	6	2500	St	4	Cu	5	4					
Rose-on-Wye	10159	-1	NE	6	0	73	65	7	4000	Cu	2	As	10	10160	0	N	1	0	70	85	7	5700	Cu	2	Ac	10	-					
Benson	10156	-2	NNE	3	off	74	75	7	-	-	0	Cu	7	10152	-1	NNE	3	0	76	75	6	-	-	0	As	10	-					
Anlover	10157	-1	NNE	3	off	71	85	6	4000	St	10	-	10	10148	-1	NIE	2	0	74	85	6	2500	St	7	As	10	-					
S. Farnborough	10150	-2	NE	3	0	76	75	7	4000	St	2	As	10	10141	-1	W	2	off	78	75	5	1500	St	10	-	10	-					
London (Kew Obey.)	10148	-3	NE	3	c	74	65	7	-	-	0	Cu	7	10142	-1	NE	1	0	80	65	7	2500	CuNb	13	As	10	-					
Croydon	10144	-2	NE	3	c	74	65	7	5700	St	2	Cst	8	10146	-0	E	2	off	77	75	6	1500	CuNb	6	As	10	-					
Clackon-on-Sea	10144	-1	NE	4	mno	75	65	6	-	-	0	As	6	10150	0	NNE	3	bc	76	65	6	2500	CuNb	2	Cst	5	0					
Shoeburyness	10144	-1	NE	4	mno	75	65	6	-	-	0	As	6	10143	-1	NE	1	off	71	75	8	4000	CuNb	4	As	10	-					
Grain	10155	-1	ENE	4	bc	69	75	6	-	-	0	Cu	6	10145	-1	ENE	3	off	69	85	6	4000	CuNb	2	As	10	-					
Lymington	10143	-2	E'S	3	c	81	65	6	-	-	0	Cst	7	10152	+2	SW	3	off	75	65	7	4000	CuNb	5	As	10	-					
Bolton (St. Mary's)	10167	0	N.W.	2	c	64	85	7	4000	St	7	-	7	10176	+1	NW	3	C	65	85	8	4000	Cu	6	Cu	7	3					
Falmouth (Pendennis)	10172	-1	N	2	bc	72	55	7	4000	St	6	-	6	10170	0	N	3	C	63	65	7	4000	St	8	-	8	0					
Plymouth (Cattewater)	10155	-1	-	0	0	73	65	8	5700	St	2	Ac	10	10153	-0	N	2	0	73	75	7	-	-	0	Ac	10	0					
Portland Bill	10155	0	-	0	0	69	92	7	-	-	0	Ac	9	10146	-3	NNW	1	0	67	85	7	800	St	10	-	10	0					
Southampton (Calshot)	10150	-2	-	0	c	73	75	6	4000	St	8	-	8	10142	-1	NNW	2	off	68	85	6	7200	St	10	-	10	0					
Dungeness	10152	0	E	4	bc	71	75	5	-	-	0	Cu	4	10154	0	SW	3	off	66	85	6	-	-	0	As	10	4					
Jersey	10145	+1	W	3	0	68	85	8	4000	St	10	-	10	10145	0	W	3	0	68	85	8	4000	St	10	-	10	3					
LONDON OBSERVATIONS.		WEATHER.		TEMPERATURE.		RAIN-FALL.		SUN-SHINE.		HUMIDITY.		ATMOSPHERIC POLLUTION.		POLE STAR RECORD at Greenwich Obey.		CODE FOR STATE OF GROUND.																
Kew		Morn- ing.		Max. °F.		Min. °F.		15h. G.M.T.		15h. G.M.T.		24 Hrs. ended 1800 G.M.T. 10 ¹⁵		Exposure from 10 ¹⁵ to 11 ¹⁵ m.		0=Dry ground.																
Croydon		After- noon.		Min. °F.		Min. on Grass, °F.		To-day.		To-day.		South Kensington		10 ¹⁵ m. to 11 ¹⁵ m.		1=Wet ground.																
Greenwich (Royal Obey.)		Night.		Max. °F.		Min. °F.		YESTERDAY.		To-day.		Max. Time. Min. Time.		10 ¹⁵ m. to 11 ¹⁵ m.		2=Soft (muddy) wet ground.																
City (Dunhill Row)		24 HOURS ENDED 0900 G.M.T. 10 ¹⁵		Max. °F.		Min. °F.		3 3 4 7		5 5 6 3		0.5 2h. 9th. 0.1 1h. 10th.		10 ¹⁵ m. to 11 ¹⁵ m.		3=Bare ground frozen (but less than 2 ins. deep).																
Westminster (St. James' Pk.)		Kew Observatory		Max. Time. Min. Time.		Max. Time. Min. Time.		1 6 2 5 2 5 7		3 3 4 7		0.5 2h. 9th. 0.1 1h. 10th.		10 ¹⁵ m. to 11 ¹⁵ m.		4=Bare ground frozen (but more than 2 ins. deep).																
Regent's Pk. (Botanic Gds.)		Max. Time. Min. Time.		Max. Time. Min. Time.		Max. Time. Min. Time.		1 6 2 5 2 5 7		3 3 4 7		0.5 2h. 9th. 0.1 1h. 10th.		10 ¹⁵ m. to 11 ¹⁵ m.		5=Dew (or wet grass but not wet ground).																
Camden Square		Max. Time. Min. Time.		Max. Time. Min. Time.		Max. Time. Min. Time.		1 6 2 5 2 5 7		3 3 4 7		0.5 2h. 9th. 0.1 1h. 10th.		10 ¹⁵ m. to 11 ¹⁵ m.		6=Skating to-day in 15th and 18th reports (from frost in 0100 and 0700 reports).																
Kensington Palace		Max. Time. Min. Time.		Max. Time. Min. Time.		Max. Time. Min. Time.		1 6 2 5 2 5 7		3 3 4 7		0.5 2h. 9th. 0.1 1h. 10th.		10 ¹⁵ m. to 11 ¹⁵ m.		7=Snow (thin layer, often not continuous).																
Hamstead Observatory		Max. Time. Min. Time.		Max. Time. Min. Time.		Max. Time. Min. Time.		1 6 2 5 2 5 7		3 3 4 7		0.5 2h. 9th. 0.1 1h. 10th.		10 ¹⁵ m. to 11 ¹⁵ m.		8=Snow (deep, impeding traffic, usually a continuous layer).																
RADIO DISTURBANCES AT CROYDON.		TABLE SHOWING THE OBSERVED TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.		BEAUFORT NOTATION OF WEATHER.		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.		SEA DISTURBANCES.		BEAUFORT No.		Statute miles per hour.																				
Time.		Type.		No. per sec.		Speed.		Dir.		STATIONS.		Sunrise.		Noon.		Sunset.		G.M.T.		G.M.T.		G.M.T.		Yarmouth		Greenwich		Wick		Valencia		
11h. 40m.		7		-		130		130		Yarmouth		3.46		11.58		8.13		3.46		11.58		8.13		Yarmouth		Greenwich		Wick				

SUMMARIES FOR THE PAST 24 HOURS.													SUN.
STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.				10 TH	
	7h-12h.	12h-18h.	18h-10 TH	1h-7h.	MAX.	MIN.	MIN.	Day.	Night.	Precipitation	Precipitation	Hours.	
	10 TH	11 TH	to 1h 11 TH	11 TH	Day.	Night.	on GRASS.	7h-12h.	12h-7h.	begin.	begin.		
Lerwick	b	op	omf	off	63	54	.	1	2	1730	2100	11.3	
Stornoway	o	c	c	c	62	55	.	0.1	-	-	-	0.2	
Wick	om	mfr	ortle	truff	59	53	.	1	6	1330	2400	5.4	
Castlety	abcz	c.3.	czbc	bcoaf	65	53	.	-	-	-	-		
Nairn	adm	cum	bccr	rro	66	55	.	1	7	0900	2200	3.0	
Aberdeen	boico	tlre	om	om	66	55	54	16	-	1430	-	4.4	
Malin Head	coz	coz	cozbc	ifb	60	52	.	-	-	-	-	8.8	
Renfrew	omno	obcc	corr	orkm	70	57	56	7	6	10800	2100	4.6	
Edinburgh (Inchkeith)	om	oo	F	F	67	55	55	0.3	0.1	10800	2200	2.4	
Leuchars	oprnd	omco	omir	omr	64	54	45	0.6	0.5	10800	2200	1.7	
Eskdalemuir	armch	cozp	opoz	ozopa	68	55	57	5	1	10800	2100	2.2	
Tynemouth	RR	om	FuFe	FFtr	60	53	53	9	3	10800	0330	.	
Blackad Point	c	b.bc	c	c	68	48	.	-	-	-	-	.	
Donaghadee	c	bc	c	bc	65	58	.	0.2	-	10800	-	.	
Birr Castle	co	co	co	coz	73	51	43	-	-	-	-	6.6	
Holyhead	cumc	bccm	ocom	orfe	64	55	55	-	10	-	0130	7.1	
Liverpool (Bidston)	om	ag	om	om	68	57	56	1	2	1730	2100	3.5	
Chester (Shotwick)	om.0.0.0	ad	oromf	ofabf	72	59	51	0.5	0.5	1330	2100	2.3	
Spurn Head	tpof	f-m	oo	opm	64	55	58	1	0.3	10800	0530	4.1	
Birmingham (Edgbaston)	amr	orm	col	mod	74	62	58	1	Trace	1230	2200	0.3	
Nottingham	c	c	tlr	oo	74	61	60	-	8	-	2200	1.3	
Cranwell	ohrmc	ocbcm	olr	cmo	72	57	56	1	2	10800	2400	5.5	
Gorleston	bcz	bcz	bczbl	bz	72	62	.	-	-	-	-	12.3	
Valencia (Cahiroiveon)	bcb	oo	b	bw	69	49	44	-	-	-	-	11.3	
Boches Point	coc	cbcc	bw	bw	64	58	.	-	0.1	-	-	.	
Pembroke (St. Ann's H.)	c	oo	c	c	71	56	.	-	-	-	-	5.7	
Ross-on-Wye	o	copo	goutly	om	75	65	65	0.6	0.1	1530	2200	0.7	
Benson	olr	co	otr	bc	79	60	54	0.3	0.2	0900	2100	.	
Andover	omair	omcn	oprnd	opm	77	59	52	0.3	0.2	0900	2100	1.5	
S. Farnborough	omtp	comt	tlpr	of	82	62	60	3	1	0900	2100	2.1	
London (Kew Obs.)	bcmfrc	cbgyp	aurerac	clvbm	83	63	56	3	3	10800	2100	4.7	
Croydon	omtrzc	coztlr	otlkr	ocbcm	82	60	56	2	5	10800	2100	6.1	
Olveston-on-Sea	cbcz	bcz	bczcl	ozlcm	76	64	57	-	-	-	-	10.0	
Shoeburyness	bhc	bccolpr	otl	om	78	60	55	0.1	0.3	1630	2200	10.0	
Grain	c	bcmu	otl	om	71	62	56	-	0.3	-	2200	9.4	
Lympne	ocbcm	coylq	otl	bo	84	62	55	-	1	-	2100	9.6	
Seilly (St. Mary's)	cbcc	c	cbc	bcc	69	58	.	-	-	-	-	8.3	
Falmouth (Pendennis)	oprb	cbc	bc	bcc	74	61	.	-	-	-	-	7.6	
Plymouth (Cattewater)	o	oco	oo	oo	77	63	53	Trace	-	10800	-	1.6	
Portland Bill	c	c	r-d	c	68	58	.	-	4	-	2200	.	
Southampton (Calshot)	c	oo	otlrm	F	78	61	60	0.4	0.6	1730	2100	2.2	
Dungeness	c	ozt	c	c	76	61	.	-	Trace	-	-	.	
Jersey	abc	co	opom	om	74	62	.	-	0.2	-	2200	1.8	

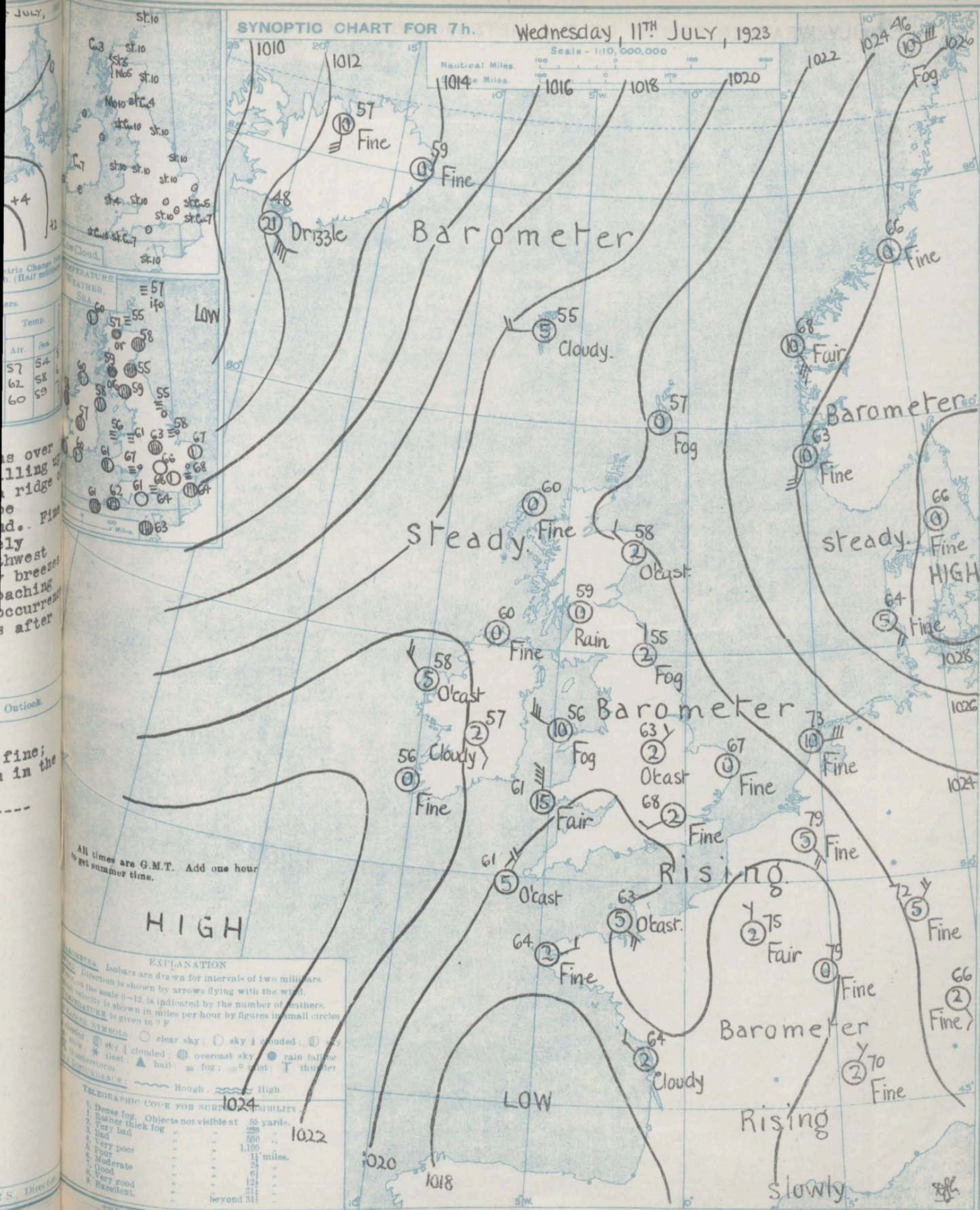


Observations from Cross Channel Steamers.							
Position.	Date and Time.	Steamship.	Wind.		Weather.	Temp.	
			Dirce.	Force.		Air.	S.
2	10 ^h 1000	Cambria	NE	2	0	57	5
1	10 ^h 1100	?	NNE	3	0-	62	5
3	11 ^h 0200	Dieppe	NE	1	0-	60	5

GENERAL INFERENCE.

The shallow depressions over England and France are filling up and it is probable that a ridge of high pressure will soon be established across England. Fine quiet hot weather is likely generally but in the Northwest westerly to southwesterly breezes due to a depression approaching Iceland may prevent the occurrence of very high temperatures after today.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Wednesday, 11th July, 1923.	Further Outlook.
1. S.E. England	Wind light and indefinite; fine; some mist; very warm.	Mainly fine; very warm in the South.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England	Light northerly to indefinite winds; fine; visibility mainly good; warm.	
6. South Wales		
7. North Wales	Light to moderate westerly winds; fine; visibility mainly good; warm.	
8. N.W. England		
9. N. Midlands	Light to moderate W. to S.W. winds; mainly fine and bright but rather cloudy at times; visibility mainly good; warm.	
10. N.E. England		
11. E. Scotland		
12. S.W. Scotland		
13. Isle of Man	As 7 - 8.	
14. N. & N.W. Scotland	Light to moderate southwesterly winds; fair; visibility mainly good but slight mist locally; rather warm.	
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland	Wind light and indefinite; fine; visibility mainly good; warm.	
19. S.E. Ireland		
20. S.W. Ireland		



DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION. WEDNESDAY, 11TH JULY 1923.

No. 192.

STATIONS.	Height above M.S.L. in feet.	Observations at 0100 G.M.T. 11 TH											Observations at 0700 G.M.T. 11 TH														
		Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. Miles.	Cloud.				Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. Miles.	Cloud.					
				Direc.	Force					Height Feet	Low.		Upper Form.			Total Amt.	Direc.					Force	Height Feet	Low. Form	Upper Amt.	Total Amt.	
											0-10	0-10															0-10
Lerwick ...	54	1021.4	-2	SE	1	otl	56	97	5	1500	St	10	-	10	1021.0	0	-	0	ifo	57	97	3	800	St	10	-	10
Stornoway ...	51	1021.7	0	-	0	bc	-	-	8	-	-	-	-	-	1021.3	0	-	0	b	60	92	8	4000	Cu	3	-	10
Wick ...	81	1021.4	0	NW	1	orr	54	92	7	2500	Nb	10	-	10	1021.2	0	N	1	FFo	55	97	1	<150	St	10	-	10
Castlebay ...	37	-	-	-	-	-	-	-	-	-	-	-	-	-	1021.7	0	WNW	2	FFo	54	97	3	1500	St	10	-	10
Kairn ...	82	-	-	-	-	-	-	-	-	-	-	-	-	-	1022.0	-	-	0	orr	57	92	7	1500	Nb	10	-	10
Aberdeen ...	46	-	-	-	-	-	-	-	-	-	-	-	-	-	1021.4	0	NW	4	0	58	97	6	1500	St	10	-	10
Malin Head ...	71	1021.1	0	S	1	mb	55	97	7	-	-	0	Alcu	3	1021.3	0	-	0	b/f	60	85	7	-	-	0	Cu	10
Renfrew ...	49	-	-	-	-	-	-	-	-	-	-	-	-	-	1020.9	0	-	0	o	59	97	4	2500	Nb	10	-	10
Edinburgh (Inchkeith)	190	1020.7	-2	ESE	1	Fo+	57	97	1	450	St	10	-	10	1020.5	-1	ENE	1	0	55	97	8	-	St.Cu	4	Alcu	10
Leuchars ...	36	-	-	-	-	-	-	-	-	-	-	-	-	-	1020.8	0	-	0	orr	56	97	5	220	Nb	10	-	10
Exdalemuir ...	794	-	-	-	-	-	-	-	-	-	-	-	-	-	1020.6	0	N'E	3	0	59	92	7	2500	St.Cu	10	-	10
Tynemouth ...	118	1020.6	0	N	3	FFo	53	97	0	<150	St	10	-	10	1020.4	0	N	1	fo-	55	97	3	450	St	10	-	10
Blackod Point ...	10	-	-	-	-	-	-	-	-	-	-	-	-	-	1021.5	0	NW	2	0	58	92	3	-	-	0	AST	10
Donaghadee ...	35	-	-	-	-	-	-	-	-	-	-	-	-	-	1020.6	+1	N	1	bc-	58	85	8	-	-	0	AST	10
Birr Castle ...	175	-	-	-	-	-	-	-	-	-	-	-	-	-	1021.2	-	SE	1	c+	57	92	6	4000	Cu	7	-	10
Holyhead ...	26	1019.0	0	WNW	1	or	59	92	6	2500	St	10	-	10	1020.9	+2	W/N	3	ffo	56	97	3	<150	St	10	-	10
Liverpool (Bidston)...	189	-	-	-	-	-	-	-	-	-	-	-	-	-	1020.2	+2	W	1	ffo	61	97	2	800	St	10	-	10
Chester (Shotwick)...	16	-	-	-	-	-	-	-	-	-	-	-	-	-	1020.1	+3	SSE	1	ffo	63	92	3	-	-	0	-	10
Spurn Head ...	26	1019.4	+1	NW	4	opr	59	97	6	2500	St	10	-	10	1021.2	+3	WNW	2	mm	58	92	4	1500	St	10	-	10
Birmingham (Edgbaston)	525	-	-	-	-	-	-	-	-	-	-	-	-	-	1020.9	+3	ESE	1	ad	63	97	4	450	St	10	-	10
Nottingham ...	82	-	-	-	-	-	-	-	-	-	-	-	-	-	1020.8	+3	NE	1	0	63	97	5	1500	St	10	-	10
Cranwell ...	237	1018.2	0	NW	3	o/r	61	97	5	800	Nb	10	-	10	1021.3	+3	-	0	0	62	92	4	800	St	10	-	10
Gorleston ...	13	1018.3	0	-	0	b-	63	85	6	-	-	0	-	0	1020.6	+2	-	0	b	67	85	6	-	-	0	Alcu	2
Valencia (Cabrero)...	30	1021.9	+2	-	0	b-	52	92	3	-	-	0	Cu	1	1021.4	+2	-	0	b	56	92	8	-	-	0	Alcu	3
Roches Point ...	32	-	-	-	-	-	-	-	-	-	-	-	-	-	1022.0	+1	NW	2	b+	60	92	8	-	-	0	-	4
Pembroke (St. Ann's H.)	149	1018.1	+2	N	4	0	59	92	7	2500	St	10	-	10	1020.1	+2	N	4	b	61	92	6	2500	St	4	-	10
Rose-on-Wye ...	223	-	-	-	-	-	-	-	-	-	-	-	-	-	1020.1	+2	-	0	mm	67	92	4	800	St	10	-	10
Benson ...	188	-	-	-	-	-	-	-	-	-	-	-	-	-	1020.5	+3	ENE	1	mo	66	97	4	-	St	10	-	10
Andover ...	295	-	-	-	-	-	-	-	-	-	-	-	-	-	1021.6	+3	-	0	ffo	63	97	2	<150	St	10	-	10
S. Fernborough ...	230	-	-	-	-	-	-	-	-	-	-	-	-	-	1020.4	+3	-	0	ffo	64	97	2	450	St	10	-	10
London (Kew Obs.)...	18	-	-	-	-	-	67	-	-	-	-	-	-	-	1021.2	+4	SW	1	b	63	85	6	-	-	0	Alcu	2
Croydon ...	244	1018.3	+2	-	0	q/ldr	63	97	5	4000	St.Cu	6	Alcu	9	1020.3	+3	-	0	bc+	67	92	6	5700	St.Cu	1	Alcu	10
Clacton-on-Sea ...	54	-	-	-	-	-	-	-	-	-	-	-	-	-	1020.3	+3	ESE	1	mc-	68	85	6	7200	St.Cu	5	Alcu	7
Shoeburyness ...	11	-	-	-	-	-	-	-	-	-	-	-	-	-	1020.9	+3	-	0	mo	68	85	5	7200	Cu	6	Alcu	9
Grain ...	20	-	-	-	-	-	-	-	-	-	-	-	-	-	1020.7	+4	-	0	0	69	85	6	-	-	0	Alcu	8
Lympne ...	350	1018.0	+3	S	1	b	65	85	7	4000	Cu	2.1	-	1	1020.6	+3	-	0	c-	67	85	7	7200	St.Cu	7	AST	10
Boilly (St. Mary's) ...	131	1019.2	0	N	2	bc+	59	97	8	4000	Cu	5	Cu	5	1019.7	0	NNE	2	0	61	92	7	4000	St.Cu	10	-	10
Falmouth (Pendennis)	200	1017.7	+1	N	4	bc	61	85	7	4000	St.Cu	6	-	6	1019.4	+3	N	3	c-	62	85	6	4000	St.Cu	7	-	10
Plymouth (Cattewater)	82	-	-	-	-	-	-	-	-	-	-	-	-	-	1019.4	+3	-	0	mo	67	85	6	<150	St	10	-	10
Portland Bill ...	19	1016.5	+1	N	1	ot	68	85	6	4000	St	10	-	10	1019.1	+4	NNE	1	b-	61	92	6	-	-	0	-	10
Southampton (Ca. shot)	12	1017.7	+1	E'S	3	bldr	62	97	6	-	-	0	-	0	1020.8	+3	SE'S	2	Fb-	62	97	1	-	-	0	-	10
Dungeness ...	21	1019.5	+1	-	0	bldr	61	97	7	-	-	0	-	0	1020.6	+3	SE	2	c+	64	85	5	7200	St.Cu	7	-	10
Jersey Th. ...	25	1018.1	+2	NE'E	1	ffb	62	97	2	-	-	0	-	0	1020.2	+1	SE	2	0	63	97	5	1500	St	10	-	10
Guernsey Th. ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 10TH JULY.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.	
	Fore-noon.	After-noon.	Min. Night. 9-10.	Max. Day. 10-.	Night 17h-9h. 9-10.	Day 9h-17h. 10-.	Sunrise to 17h. 10-.	Sunrise to Sunset. 9-.		Fore-noon.	After-noon.	Min. Night. 9-10.	Max. Day. 10-.	Night 17h-9h. 9-10.	Day 9h-17h. 10-.	Sunrise to 17h. 10-.	Sunrise to Sunset. 9-.
Montrose ...	bzeR	cbzeR	54	68	-	4	4.2	5.5	Ilfracombe ...	ac	cbcc	58	71	0.5	-	5.4	0.5
Berwick-on-Tweed	FFme	FFam	59	61	0.4	4	1.8	9.1	Bude ...	roacc	cbcc	59	70	7.3	-	3.9	4.6
Llandudno ...	bc	bcc	55	72	-	-	6.4	5.2	Penzance ...	bc	bc	56	73	2	-	0.9	5.9
Colwyn Bay ...	bc	bcc	57	69	-	-	6.3	6.2	Paignton ...	cbcc	ccoy	60	75	1	-	1.4	11.5
Rhyl ...	cbc	bcc	57	69	-	-	3.7	6.6	Terquay ...	c	c	60	75	0.3	-	2.3	-
Southport ...	bcc	acaro	60	74	4	0.2	2.6	9.0	Weymouth ...	cbc	co	60	81	-	-	-	-
Blackpool ...	or	cor	61	76	5	0.5	3.2	9.4	Bournemouth ...	o	o	60	77	-	-	0.7	9.8
Ilkley ...	omthr	gbcbe	58	72	6	-	1.9	9.2	Portsmouth (S'thaes)	orbi	bco	64	78	1	3	2.9	13.4
Harrogate ...	mc	co	56	70	8	-	2.4	9.4	Worthing ...	ab	ba	62	80	7	-	3.8	13.4
Skegness ...	Hracmb	mb	59	68	0.5	-	3.4	13.9	Brighton ...	qcbcc	bch	62	81	4.6	-	5.0	14.5
Aberystwyth ...	acb	b	59	68	-	-	7.5	0.5	Eastbourne ...	cbcc	ccat	63	75	4.3	7	6.9	14.8
Bath ...	o	co	62	79	-	-	1.2	9.9	Hastings ...	acchb	bccat	64	82	-	-	7.6	15.0
Leamington Spa ...	cbpr	bz	61	77	2	-	2.3	14.6	Folkestone ...	l	bcc	64	81	-	-	9.2	14.6
Lowestoft ...	b	b	59	70	-	-	4.5	13.9	Tanbridge Wells ...	bjb	bccat	62	84	22	-	7.0	13.5
Felixstowe ...	bcm	bm	61	74	-	-	10.6	13.7	Ramsgate ...	bcb	bhc	61	81	-	-	8.9	14.3
Southend ...	bc	bcco	62	81	2	-	8.5	13.5	Margate ...	b	b	61	77	-	-	9.5	14.3
									Deal ...	cbcc	bcc	60	77	-	-	9.3	14.3

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

* Information for these columns not usually received.

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

‡ For code see page 2.

§ See footnote page 1.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.22512

THURSDAY 12TH JULY 1923.

Page L

STATIONS. (For heights see p.4).	Observations at 1500 G.M.T. 11 ¹⁵												Observations at 1800 G.M.T. 11 ¹⁵																									
	Barom. at M.S.L. m.b.	Change in 3 Hours	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. m.	Cloud.				Barom. at M.S.L. m.b.	Change in 3 Hours	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. m.	Cloud.																	
			Direc.	Force					0-15	0-10	0-10	0-10			0-10	0-10					Direc.	Force	0-15	0-10	0-10	0-10	0-10	0-10										
																													Low.		Upper Form.	Total Amt.	State of ground.	Low.		Upper Form.	Total Amt.	State of ground.
																													Height Feet	Form				Amt.	Height Feet			
Lerwick	1021.8	+1	SE	1	ob	59	97	3	800	St	10	-	10	1020.5	0	-	-	b/f	61	85	5	1500	St	1	Ci	2	0											
Stornoway	1021.5	0	NW	2	b	64	92	8	4000	Cu	3	-	3	1020.5	-1	SW	3	b/r	68	75	8	4000	Cu	6	-	6	2											
Wick	1021.6	0	S	1	o/r	57	97	7	2500	Nb	6	As	10	1020.1	-2	SSW	2	c	57	92	8	-	-	0	Ci	7	3											
Castlebay	1022.2	0	SSW	3	bc	58	85	8	1000	St	2	Cu	4	1021.8	0	SSW	4	mno	57	92	7	1500	St	10	-	10	3											
Nairn	1021.6	0	NW	3	bc	66	85	6	1500	St	2	Ac	4	1020.2	-	-	0	c+	63	65	7	-	Sta	7	-	-	0											
Aberdeen	1021.6	0	NW	3	bc	66	85	6	1500	St	2	Ac	4	1021.6	0	E	1	bc	61	85	6	5700	Sta	2	A-cu	4	0											
Malin Head	1021.1	+1	ENE	3	b/f	57	97	7	-	-	0	Ci	2	1022.0	0	-	-	bc+	60	92	7	-	-	0	Ci-cu	6	0											
Reafrew	1021.8	+1	NE	1	o	62	95	5	4000	St-cu	10	-	10	1021.8	+1	WNW	2	bc-	74	65	7	-	-	0	Ci	4	0											
Edinburgh (Leith)	1021.4	0	ESE	1	c/f	63	85	7	-	-	0	Cu-st	8	1021.2	-1	SE	1	bc-	69	75	7	-	-	0	Ci-st	3	1											
Leuchars	1021.2	0	SSE	1	bc	69	95	7	-	-	0	Ac	4	1020.7	0	-	0	bc	73	75	6	-	-	0	Ci-st	4	0											
Edinburgh	1021.7	+1	SE	2	bc	74	95	6	4000	Cu	6	-	6	1021.4	+1	S'W	2	bc	73	75	6	2500	St-cu	5	-	5	0											
Tynemouth	1021.5	+1	-	0	b/f	61	92	6	-	-	0	-	0	1022.0	+1	-	0	b	61	97	6	-	-	0	-	0	0											
Blackod Point	1021.2	+1	NW	2	b	68	85	9	-	-	0	-	3	1022.7	0	NW	2	bc	63	85	8	-	-	0	-	6	0											
Donaghadee	1021.9	+1	N	2	b	66	75	8	-	-	0	Cu-st	3	1022.2	0	-	-	b	65	75	8	-	-	0	A-cu	3	2											
Birr Castle	1021.6	0	W	1	bc-	76	55	8	4000	St-cu	4	Ci	6	1023.2	-	NW	1	bc	76	65	8	4000	St-cu	6	-	6	0											
Holyhead	1021.6	+2	NW	1	b	62	85	6	-	-	0	-	0	1022.9	0	-	0	bc+	66	75	7	-	-	0	Ci	6	0											
Liverpool (Birkenhead)	1021.3	+2	W'S	1	b	67	85	6	-	-	0	-	0	1022.9	+1	WNW	1	bc	67	85	7	2500	St	5	-	5	2											
Chester (Bloxwich)	1021.6	+1	WNW	3	b	74	95	6	-	-	0	-	0	1021.7	+1	WNW	2	o/r	69	85	6	4000	St-cu	10	-	10	0											
Spurn Head	1021.5	+1	ENE	3	b	62	85	6	-	-	0	-	0	1022.5	0	SE	2	b	62	92	7	-	-	0	-	0	1											
Birmingham (Edgbaston)	1022.5	+2	SSW	3	o-	72	95	6	7000	St-cu	10	-	10	1021.7	0	WSW	2	b+	81	65	6	-	-	0	A-st	3	0											
Nottingham	1021.9	+1	SW	2	bc-	79	65	7	4000	Cu	3	Cu-st	5	1021.5	0	SW	2	b-	83	55	8	-	-	0	-	0	0											
Cranwell	1021.9	+1	SW	1	b	82	65	6	4000	Cu	1	-	1	1021.6	0	SW	1	b	83	55	7	-	-	0	-	0	0											
Gorleston	1021.4	+1	SSE	2	b	70	75	6	-	-	0	Ci	2	1021.7	0	E'N	3	b	68	75	6	-	-	0	Ci-cu	3	0											
Valencia (Cahiroiveen)	1021.8	+1	W'N	3	b	63	85	8	2500	Cu	1	Ac	2	1025.3	0	W'N	2	bc-	63	75	8	-	-	0	A-cu	5	0											
Roche's Point	1023.3	+1	SSW	3	bc+	70	65	8	5700	Cu	2	Ci	4	1023.5	0	SW	1	b-	70	85	8	4000	Sta	1	Ci	2	0											
Pembroke (St Ann's H.)	1021.7	+2	NNE	3	b	72	85	6	-	-	0	-	0	1022.4	0	N	2	b	72	75	6	-	-	0	-	0	3											
Ross-on-Wye	1021.6	+1	SSW	2	b	79	65	6	4000	Cu	2	-	2	1021.3	-1	W	2	b	83	55	7	5700	Cu	1	Ci	2	0											
Benson	1021.9	0	S	2	b-	86	55	7	-	-	1	-	1	1021.5	-1	SW	1	b-	89	45	7	-	-	0	-	0	0											
Andover	1021.7	+1	SSE	1	b-	84	55	7	4000	Cu	1	-	1	1021.8	0	SSE	1	b	84	55	8	-	-	0	-	0	0											
S. Farnborough	1021.7	+1	WSW	2	b-	86	45	8	4000	Cu	1	-	1	1021.4	0	SSW	2	b	87	45	8	-	-	0	-	0	0											
London (Kew Obey.)	1022.2	0	SSW	1	b	83	55	8	-	-	0	-	0	1021.9	-1	SE'S	1	b	88	45	8	-	-	0	-	0	0											
Croydon	1021.8	+1	SSW	2	b	85	55	8	5700	Cu	1	-	1	1021.8	0	-	0	b	83	55	8	5700	Cu	1	-	1	0											
Orleton-on-Sea	1021.5	+2	SE	3	b-	81	55	8	-	-	0	Ci	1	1022.3	-1	ESE	1	b	74	65	6	-	-	0	A-cu	2	0											
Shoeburyness	1021.5	+2	SE	3	b-	79	65	7	4000	Cu	1	Ci	2	1022.2	0	ESE	1	b	78	65	6	-	-	0	Ci	1	0											
Lyapne	1021.4	+1	SW	1	b	82	55	8	4000	Cu	1	Ac	2	1021.9	-1	SE	2	b	81	65	8	-	-	0	A-cu	1	0											
Billy (St. Mary's)	1021.9	+2	NNE	5	o	65	85	6	4000	St-cu	10	-	10	1022.3	0	NE	1	o	63	92	6	4000	Sta	10	-	10	1											
Falmouth (Pendennis)	1021.8	+1	SSE	2	b	70	75	7	-	-	0	-	0	1022.4	0	-	0	o	66	85	6	4000	Cu	2	-	2	0											
Plymouth (Cattewater)	1021.0	0	SSW	3	b	73	75	7	2500	Cu	1	-	1	1022.6	0	S	3	fo	61	97	1	-	-	0	-	10	0											
Portland Bill	1022.6	+3	E	1	ffb	63	92	2	-	-	0	-	0	1022.2	-2	WNW	1	b	64	97	6	-	-	0	-	0	2											
Southampton (Calshot)	1022.3	0	SSE	2	b	73	75	7	-	-	0	-	0	1022.1	-1	SW'S	2	b	77	65	7	-	-	0	-	0	0											
Dungeness	1022.5	+1	S	1	b	77	65	7	-	-	0	-	0	1022.4	0	SE	2	b-	71	75	7	-	-	0	Ci-cu	3	2											
Jersey	1020.3	0	SE	2	b	77	55	7	-	-	0	Ci	2	1021.3	0	N	2	b	71	75	7	-	-	0	-	0	0											

[illegible]

* For explanation see Introduction.

* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

5. For each node u and v :

SUMMARIES FOR THE PAST 24 HOURS.	STATIONS.	WEATHER.	TEMPERATURE.	RAINFALL.	SUN. 11. Hours.	ISALOBARS	POSITION NUMBERS					
7h-12h 11 ^h	12h-18h 11 ^h	18h-11h to 12h	1h-7h 12 ^h	MAX. Day. 7h-12h	MIN. Night 12h-7h	MIN. on Grass	Day. 7h-12h mm.	Night. 12h-7h mm.	Precipitation began.	Precipitation ended.		
Lerwick ...	of	of	of	62	52	.	0.4	trace	11.00	0530	2.5	
Stornoway ...	b-bc	ob	cl	70	55	.	0.6	-	<0800	-	11.1	
Wick ...	ffagcm	oo	c	60	52	.	0.6	-	<0800	-	7.5	
Castlebay ...	oafbc	bc of	ofo	60	56	.	1	-	<0800	-	5.6	
Nairn ...	trfbc	bc	bcm	67	56	.	1	-	<0800	-	2.7	
Aberdeen ...	tlfoia	obcm	bc	67	53	48	1	-	<0800	-		
Malin Head ...	dcifb	bcg	co	64	57	.	-	0.1	-	0630	12.8	
Renfrew ...	arcom	agc, bc	bcb	76	56	47	0.1	-	<0800	-	7.4	
Edinburgh (Inchkeith) ...	m	bc	c	57	54	54	-	-	-	-	6.0	
Leuchars ...	orambc	bcm	bcm	73	55	41	0.1	-	<0800	-	6.4	
Baldalemuir ...	ocbc	bcg	bcz	77	47	45	trace	-	-	-	6.9	
Tynemouth ...	tfbm	b-bcm	bcbmm	62	57	51	-	-	-	-	.	
Blackad Point ...	bbc	b-bc	bcm	66	55	.	-	1	-	-	.	
Donaghadee ...	bc	bc	bcm	67	55	.	-	-	-	-	.	
Birr Castle ...	co	co	c	79	53	45	-	-	-	-	13.8	
Holyhead ...	ofebm	bm, bc	bcbbc	66	56	58	trace	-	-	-	10.5	
Liverpool (Bidston) ...	obcbm	bm	bm	69	61	56	-	-	-	-	6.1	
Chester (Shotwick) ...	bfbcbz	b, o, g	otico	76	55	50	trace	-	1100	-	7.2	
Spurn Head ...	c	b-bc	bbc	65	60	.	-	-	-	-	11.2	
Birmingham (Edgbaston) ...	cm	bz	oz	84	63	55	trace	-	-	-	4.4	
Nottingham ...	o	b-bc	bc	84	63	61	-	-	-	-	8.4	
Cranwell ...	beb	b-bc	bbc	84	64	59	-	-	-	-	11.5	
Gorleston ...	b-bc	b-bc	bcbz	73	62	.	-	-	-	-	10.7	
Valencia (Cahirovee) ...	b	b, bc	bcbw	64	55	50	-	0.5	-	0530	13.5	
Roche Point ...	b-bc	bc, b	bcb	75	55	1	trace	-	-	-	.	
Pembroke (St. Ann's H.) ...	bz	bz	bbc	74	60	.	-	-	-	-	9.8	
Ross-on-Wye ...	omambz	byg	bcb	84	59	54	-	-	-	-	7.0	
Benson ...	b	b	bb	91	59	53	-	-	-	-	.	
Andover ...	ambcb	by	byb	88	58	53	-	-	-	-	12.4	
S. Farnborough ...	fob	bbyy	b	90	48	58	-	-	-	-	12.1	
London (Kew Obs.) ...	bzby	by	bybw	89	66	59	-	-	-	-	14.0	
Croydon ...	bmbz	by	bym	87	65	62	trace	-	-	-	14.4	
Glaston-on-Sea ...	cm, bz	bc, bz	bcbcz	79	65	59	-	-	-	-	9.8	
Shoeburyness ...	amcbz	b	bip	84	62	50	-	-	-	-	9.6	
Grain ...	abcz	b-bc	bip	84	63	56	-	-	-	-	10.5	
Lymington ...	b-bc	by	b	84	64	55	-	-	-	-	12.0	
Boilly (St. Mary's) ...	am	ocm	obm	68	58	.	-	-	-	-	5.6	
Falmouth (Pendennis) ...	cbcb	bbc	bcbf	72	57	.	trace	-	-	2200	9.1	
Plymouth (Cattewater) ...	omb	b, ofe	ofeb	76	58	57	-	-	-	-	7.0	
Portland Bill ...	f	b-bc	abc	71	61	.	-	-	-	-	.	
Southampton (Ovalshot) ...	bm	b-bc	bbc	81	63	58	-	-	-	-	12.2	
Dungeness ...	b-bc	c	bbc	83	64	.	-	-	-	-	.	
Jersey ...	amb	b	b	79	66	.	-	-	-	-	11.5	

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

Observations from Cross Channel Steamers.

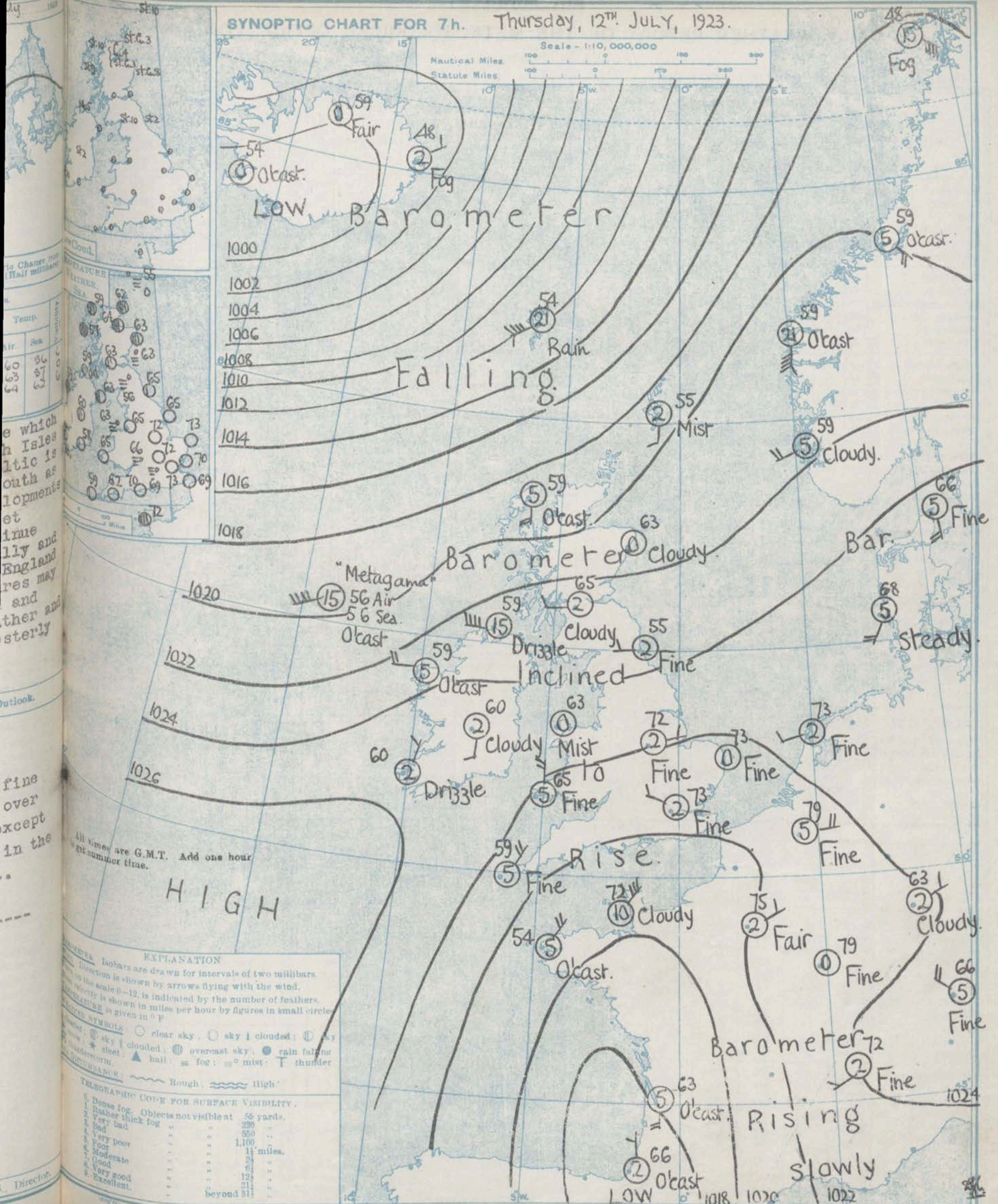
Position	Date and Time	Steamship	Wind		Weather	Temp	
			Dirac.	Force		Air	Sea
2	11 ^h 1000	Cambria	-	0	o	60	56
1	11 ^h 1200	-	-	0	fo+	63	57
3	12 ^h 0400	Brighton	-	0	b	64	62

GENERAL INFERENCE

The ridge of high pressure which extends across the British Isles from the Azores to the Baltic is likely to move slightly south as a result of cyclonic development further north. Fine, quiet weather is likely to continue today over England generally and for longer over Southern England where very high temperatures may be expected. In Scotland and Ireland rather cloudy weather and light to moderate southwesterly winds are probable.

SYNOPTIC CHART FOR 7h. Thursday, 12th JULY, 1923.

Scale - 1:10,000,000
Nautical Miles
Statute Miles



EXPLANATION

Isobars are drawn for intervals of two millibars.
Direction is shown by arrows flying with the wind.
The scale 0-12, is indicated by the number of feathers.
Temperature is shown in miles per hour by figures in small circles.
Temperature is given in ° F.

SYMBOLS
 ○ clear sky, ○ sky & clouded, ○ sky
 ○ sky & clouded, ○ overcast sky, ● rain falling
 ○ sky & clouded, ○ overcast sky, ● rain falling
 ▲ hail, = fog, = mist, T thunder

WIND
 Rough, High

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

Code	Meaning
1	Dense fog. Objects not visible at 50 yards.
2	Rather thick fog " " 100 "
3	Very bad " " 200 "
4	Bad " " 400 "
5	Very poor " " 1,000 "
6	Poor " " 2,000 "
7	Moderate " " 4,000 "
8	Good " " 8,000 "
9	Very good " " 12,000 "
0	Excellent " " beyond 12,000 "

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION. THURSDAY, 12th JULY, 1923.

No. 193.

STATIONS.	Height above M.S.L. in feet.	Observations at 0100 G.M.T. 12 th											Observations at 0700 G.M.T. 12 th																																																																																							
		Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity %.	Visibility 0-3.	Cloud.				Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity %.	Visibility 0-3.	Cloud.																																																																														
				Direc.	Force					Height	Form	Amt. 0-10	Total Amt. 0-10			Direc.	Force					Height	Form	Amt. 0-10	Upper Form.	Total Amt. 0-10																																																																										
Lerwick ...	54	1020.6	0	SW	1	fb	54	97	3	300	Sc	10	-	10	1019.3	-2	S	1	mm	53	97	4	900	Sc	10	-	10	1019.3	-2	S	1	mm	53	97	4	900	Sc	10	-	10																																																												
Stornoway ...	51	1019.3	-2	SW	3	bc	56	97	3	-	-	-	0	AC	7	1019.2	0	S	3	0	59	97	8	450	Sc	10	-	10	1019.2	0	S	3	0	59	97	8	450	Sc	10	-	10																																																											
Wick ...	81	1019.9	0	SSW	2	c	56	97	7	-	-	-	0	AC	7	1019.2	-1	SSW	2	0	62	97	8	7200	Sc	3	AC	1021.2	0	2N	2	0	64	97	9	1500	Sc	9	-	8																																																												
Castledy ...	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1021.2	0	2N	2	0	64	97	8	4000	Sc	8	-	8	1021.0	-1	0	0	0	64	97	8	4000	Sc	8	-	8																																																											
Nairn ...	82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1021.0	-	-	0	0	64	97	8	4000	Sc	8	-	8	1021.0	-	-	0	0	64	97	8	4000	Sc	8	-	8																																																											
Aberdeen ...	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1021.8	0	-	0	0	63	92	4	4000	Sc	8	-	8	1021.8	0	-	0	0	63	92	4	4000	Sc	8	-	8																																																											
Malin Head ...	71	1022.3	0	-	0	c	59	92	8	5700	Sc	3	CC	7	1022.4	0	2	4	od.	53	97	7	4000	Nb	3	AC	1022.8	0	2	1	1	65	93	6	-	-	65	93	6	-	-																																																											
Renfrew ...	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1022.8	-	-	1	1	65	93	6	-	-	-	-	-	-	1022.8	-	-	1	1	65	93	6	-	-																																																													
Edinburgh (Inchkeith) ...	190	1022.5	+4	WSW	2	c+	62	92	7	-	Sc	2	CC	7	1022.0	+1	WSW	1	mm	63	83	6	-	-	-	-	-	-	-	-	1022.0	+1	WSW	1	mm	63	83	6	-	-																																																												
Leuchars ...	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1021.7	0	WSW	2	bc	66	75	6	-	-	-	-	-	-	-	1021.7	0	WSW	2	bc	66	75	6	-	-																																																												
Blackdunmill ...	794	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1024.8	0	-	0	FFG	56	97	1	150	Sc	10	CC	1024.4	0	-	0	0	56	97	1	150	Sc	10	CC	1024.4	0	-	0	0	56	97	1	150	Sc	10	CC																																																	
Tynemouth ...	118	1023.0	0	-	0	b	58	97	5	-	-	0	-	0	1023.4	0	2	1	b	63	85	6	800	Sc	2	CC	1023.9	+1	2	1	1	63	85	6	800	Sc	2	CC	1023.9	+1	2	1	1	63	85	6	800	Sc	2	CC																																																		
Blackod Point ...	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1023.9	+1	2	2	od.	55	97	6	-	-	-	-	-	-	-	1023.9	+1	2	2	od.	55	97	6	-	-																																																												
Donaghadee ...	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1023.5	0	2E	1	od.	63	92	6	-	-	-	-	-	-	-	1023.5	0	2E	1	od.	63	92	6	-	-																																																												
Birr Castle ...	175	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1024.8	-	-	1	od.	63	92	6	-	-	-	-	-	-	-	1024.8	-	-	1	od.	63	92	6	-	-																																																												
Holyhead ...	26	1023.9	0	-	0	b	62	85	6	-	-	0	AC	2	1024.2	+1	-	0	mb	63	85	6	300	Sc	2	CC	1024.2	+1	2	1	1	63	85	6	300	Sc	2	CC	1024.2	+1	2	1	1	63	85	6	300	Sc	2	CC																																																		
Liverpool (Bidston) ...	189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1024.2	+1	2	1	b	63	85	6	-	-	-	-	-	-	-	1024.2	+1	2	1	1	63	85	6	-	-																																																												
Chester (Shotwick) ...	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1024.0	+2	2	2	od.	64	85	4	-	-	-	-	-	-	-	1024.0	+2	2	2	od.	64	85	4	-	-																																																												
Spurn Head ...	28	1023.1	0	SW	2	b	66	92	7	-	-	0	-	0	1024.5	+2	2	1	b	65	75	6	-	-	-	-	-	-	-	-	1024.5	+2	2	1	1	65	75	6	-	-																																																												
Birmingham (Edgbaston) ...	525	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1023.4	0	2	1	b	72	75	4	-	-	-	-	-	-	-	1023.4	0	2	1	1	72	75	4	-	-																																																												
Nottingham ...	82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1023.6	+1	2	1	b	72	85	3	-	-	-	-	-	-	-	-	1023.6	+1	2	1	1	72	85	3	-	-																																																											
Cranwell ...	237	1023.6	0	-	0	b	67	97	7	-	-	0	-	0	1023.5	0	2	1	b	73	85	6	-	-	-	-	-	-	-	-	-	1023.5	0	2	1	1	73	85	6	-	-																																																											
Gorleston ...	13	1024.3	1	SE	1	b	62	85	6	-	-	0	AC	2	1023.4	0	-	0	b	73	65	6	-	-	-	-	-	-	-	-	-	1023.4	0	-	0	0	73	65	6	-	-																																																											
Valencia (Cabrera) ...	30	1024.7	+2	-	0	b	58	97	9	-	-	0	-	0	1025.8	+1	2	1	od.	60	97	6	800	Sc	10	CC	1024.4	+1	2	1	1	60	97	6	800	Sc	10	CC	1024.4	+1	2	1	1	60	97	6	800	Sc	10	CC																																																		
Roche Point ...	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1024.4	+1	2	1	b	58	92	6	-	-	-	-	-	-	-	-	1024.4	+1	2	1	1	58	92	6	-	-																																																											
Pembroke (St. Ann's H.) ...	149	1023.1	0	NNW	3	b	61	65	9	2500	Sc	3	-	3	1023.4	+1	2	2	mb	65	85	6	-	-	-	-	-	-	-	-	-	1023.4	+1	2	2	mb	65	85	6	-	-																																																											
Ross-on-Wye ...	223	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1023.6	+1	2	1	mb	66	85	6	-	-	-	-	-	-	-	-	1023.6	+1	2	1	1	66	85	6	-	-																																																											
Benson ...	186	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1023.1	+1	-	0	b	72	85	7	-	-	-	-	-	-	-	-	1023.1	+1	-	0	0	72	85	7	-	-																																																											
Andover ...	295	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1023.1	0	-	0	b	70	85	8	-	-	-	-	-	-	-	-	1023.1	0	-	0	0	70	85	8	-	-																																																											
S. Fernborough ...	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1023.0	0	-	0	mm	69	92	6	-	-	-	-	-	-	-	-	1023.0	0	-	0	0	69	92	6	-	-																																																											
London (Kew Obs.) ...	18	-	-	-	-	-	72	-	-	-	-	-	-	-	-	1023.4	0	WN	1	b	73	85	6	-	-	-	-	-	-	-	-	1023.4	0	WN	1	1	73	85	6	-	-																																																											
Croydon ...	244	1023.1	0	-	0	b	67	97	6	-	-	0	-	0	1023.0	0	-	0	b	75	75	5	-	-	-	-	-	-	-	-	-	1023.0	0	-	0	0	75	75	5	-	-																																																											
Clacton-on-Sea ...	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1023.6	+1	ESE	1	b	70	75	6	-	-	-	-	-	-	-	-	1023.6	+1	ESE	1	1	70	75	6	-	-																																																											
Shoeburyness ...	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1023.8	0	E	1	b	73	63	6	-	-	-	-	-	-	-	-	1023.8	0	E	1	1	73	63	6	-	-																																																											
Grain ...	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1023.5	+1	ESE	1	b	71	85	6	-	-	-	-	-	-	-	-	1023.5	+1	ESE	1	1	71	85	6	-	-																																																											
Lympne ...	350	1023.7	0	E	1	b	71	92	7	-	-	0	-	0	1023.1	0	E	2	b	74	75	6	-	-	-	-	-	-	-	-	-	1023.1	0	E	2	2	74	75	6	-	-																																																											
Seilly (St. Mary's) ...	131	1023.1	0	-	0	b	65	97	6	-	-	0	-	0	1023.2	0	NE	2	b	59	97	6	-	-	-	-	-	-	-	-	-	1023.2	0	NE	2	2	59	97	6	-	-																																																											
Falmouth (Pendennis) ...	200	1023.2	+1	-	0	FFB	59	97	1	-	-	0	-	0	1023.6	0	2	2	mb	62	97	6	-	-	-	-	-	-	-	-	-	1023.6	0	2	2	mb	62	97	6	-	-																																																											
Plymouth (Cattewater) ...	82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1022.5	0	-	0	mm	65	85	5	-	-	-	-	-	-	-	-	1022.5	0	-	0	0	65	85	5	-	-																																																											
Portland Bill ...	19	1022.8	0	NNH	2	b	64	92	7	-	-	0	-	0	1022.9	0	ENE	1	mb	70	85	6	-	-	-	-	-	-	-	-	-	1022.9	0	ENE	1	1	70	85	6	-	-																																																											
Southampton (Cassidy) ...	12	1023.3	-1	NNH	2	mb	65	92	6	-	-	0	-	0	1023.1	0	NNH	1	mm	68	92	5	-	-	-	-	-	-	-	-	-	1023.1	0	NNH	1	1	68	92	5	-	-																																																											
Dungeness ...	21	1022.5	0	2	1	b	65	85	8	-	-	0	-	0	1022.9	+1	E	2	b	69	75	8	-	-	-	-	-	-	-	-	-	1022.9	+1	E	2	2	69	75	8	-	-																																																											
Jersey 7th ...	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1020.8	0	NE	3	od.	72	75	6	-	-	-	-	-	-	-	-	1020.8	0	NE	3	3	72	75	6	-	-																																																											
Guernsey 1st ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.	
	Forenoon.	Afternoon.	Min. Night.	Max. Day.	Night 17h-11h.	Day 9h-17h.	Sunrise to 17h.	Sunset to 10h.		Forenoon.	Afternoon.	Min. Night.	Max. Day.	Night 17h-11h.	Day 9h-17h.	Sunrise to 17h.	Sunset to 10h.
			10°-11°	11°	10-11	11	11	10-11				11	10-11	11	10-11	11	10-11
Montrose ...	mroc	bsbm	53	66	3	-	5.7	4.4	Ilfracombe ...	b2	b2	60	71	-	-	10.5	5.4
Berwick-on-Tweed ...	Feom	abzb	53	61	0.5	0.1	4.7	1.8	Bude ...	ocbc	bcbzb	59	72	-	-	8.2	4.0
Llandudno ...	b	b	59	73	-	-	9.2	6.4	Penzance ...	bcbz	bcbz	61	75	-	-	4.9	1.7
Colwyn Bay ...	bc	bc	60	70	-	-	6.8	3.7	Paignton ...	ambm	bmc	66	69	-	-	6.9	1.4
Rhyl ...	cbe	decbe	57	70	-	-	7.0	2.6	Terquay ...	cobc	befc	65	74	-	-	8.5	2.8
Southport ...	cbe	bpe	63	71	0.1	-	9.2	3.2	Weymouth ...	fbz	b	60	77	2	-	-	-
Blackpool ...	ag	b	62	74	0.6	-	9.2	3.2	Bournemouth ...	mb	b	60	79	2	-	8.3	0.7
Ilkley ...	bcb	b	59	72	9	-	3.0	3.4	Portsmouth (S. Sea) ...	b	b	62	81	-	-	11.2	2.9
Harrogate ...	b2	b2	55	78	6	-	8.0	3.3	Worthing ...	b	b	61	80	3	-	11.9	3.8
Skegness ...	b	b	57	69	-	-	10.8	9.3	Brighton ...	b	b	62	82	3	-	11.5	5.9
Aberystwyth ...	feb	b	59	69	-	-	6.5	7.5	Eastbourne ...	b	b	62	84	1	-	11.0	6.9
Bath ...	mcbcb	b	67	86	2	-	7.0	1.2	Hastings ...	b	b	65	81	0.5	-	10.6	7.6
Leamington Spa ...	cb	b2	60	85	2	-	7.4	2.3	Folkestone ...	b	b	64	82	-	-	7.9	7.0
Lowestoft ...	bbe	abbb	62	80	-	-	3.7	13.0	Tunbridge Wells ...	b	b	62	87	1	-	8.6	3.5
Felixstowe ...	bcnt	b2	62	77	-	-	8.3	11.1	Ramsgate ...	abcb	b	64	83	-	-	8.2	3.2
Southend ...	cbe	b	66	85	-	-	7.5	9.6	Margate ...	bcb	b	65	84	-	-	9.2	3.3
									Deal ...	bcb	b	61	82	-	-		

TERMS OF SUBSCRIPTION.—8/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information for these columns not usually received.

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

‡ For code see page 2.

§ See footnote page 1.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.22512

FRIDAY, 13th JULY, 1923.

Page 1.

Observations at 1800 G.M.T. 12 ^h															Observations at 1800 G.M.T. 12 ^h														
STATIONS		Barom. at M.S.L.	Change in 3 hours	Wind. Direc.	Force	Weather.	Temp. of air	Humidity. %	Visibility. 0-9	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind. Direc.	Force	Weather.	Temp. of air	Humidity. %	Visibility. 0-9	Cloud.							
(For heights see p. 4.)		m.b.			0-12		°F.	%	0-9	Height Feet	Form	Am't. 0-10	Upper Form.	Total Am't. 0-10	m.b.			0-12		%	0-9	Height Feet	Form	Am't. 0-10	Upper Form.	Total Am't. 0-10			
Lerwick	1019.2	0	SW	2	bc	60	85	8	-	-	0	Acu	6	1020.7	+1	WSW	2	b-	58	85	7	-	0	Acu	3	1			
Stornoway	1020.6	+2	SSW	4	c-	64	75	7	4000	Nb	7	7	1022.4	+2	SW	3	o+	60	85	6	450	st.	10	-	10	2			
Wick	1020.8	+3	ENE	2	c	60	85	8	2500	Cnb	5	Acu	8	1021.5	+1	SSW	2	c	57	85	8	4000	Cnb	6	Cst	8	0		
Castellbay	1022.9	+1	SW	4	bc	59	85	8	2500	Stcu	3	Cst	4	1023.9	+1	SW	4	c	57	85	8	2500	Stcu	8	-	8	3		
Naim	1021.3	-1	S	3	o	72	66	6	2500	Stcu	9	-	9	1022.7	+	W	2	c	66	65	8	4000	Cu	7	-	7	0		
Aberdeen	1021.3	-1	S	3	o	72	66	6	2500	Stcu	9	-	9	1022.7	+	NE	1	ct	65	75	7	4000	Cu	8	-	8	0		
Malin Head	1024.3	+1	W	4	c	61	85	8	5700	Cu	2	Acu	7	1024.9	0	W	4	b	61	97	8	4000	Cu	2	Cst	3	1		
Bentfrew	1024.3	+2	WSW	3	o	68	75	8	4000	Stcu	10	-	10	1024.8	+1	NW	1	b	64	75	8	2500	st.	10	-	10	2		
Edinburgh (Leith)	1021.6	-0	W	4	o	70	65	7	-	-	1	Cst	7	1023.2	+3	W	3	c	65	85	8	4000	st.	3	Acu	7	2		
Leith	1021.9	0	SW	4	bc	77	45	7	-	-	0	Acu	6	1022.6	+1	W	4	bc	73	65	8	4000	st.	2	Cst	4	0		
Leith (N. Pier)	1023.2	0	SW	4	b-	74	55	7	4000	Cu	3	-	3	1023.0	-1	W	3	b	73	65	8	2500	Cu	1	Cst	2	0		
Tynemouth	1023.8	0	S	1	b	73	65	5	450	St	2	Cst	3	1023.3	0	SW	1	b	71	65	6	450	St	2	-	2	0		
Blackhead Point	1025.4	+1	SW	2	o	63	85	8	-	-	-	10	1026.0	0	SW	2	b	63	85	9	-	-	-	3	0	0			
Donaghadee	1024.0	+1	S	2	bc	68	65	8	4000	Cu	5	-	5	1025.0	0	N	2	ct	59	85	8	2500	st.	8	-	8	0		
Birr Castle	1025.5	+	S	1	st	66	92	7	4000	Stcu	9	-	9	1024.8	+	W	1	c-	70	75	7	4000	st.	8	-	8	0		
Holyhead	1024.4	-0	NW/W	2	b	62	85	7	-	-	0	0	0	1023.4	0	N	2	b	64	85	8	5700	st.	1	-	1	0		
Liverpool (Bidston)	1023.3	-1	NW	1	b	73	65	6	-	-	0	0	0	1023.8	+1	NW	3	b	68	75	7	-	-	0	-	0	3		
Chester (Shotwick)	1023.1	-1	WNW	3	b	78	55	7	-	-	0	0	0	1023.1	+1	WNW	4	b	69	75	6	4000	Cnb	1	Acu	2	0		
Spurn Head	1024.2	-1	ENE	1	b	69	75	6	-	-	0	0	0	1024.6	-3	SE	2	b	63	85	6	-	-	0	-	0	0		
Marazion (Edgworth)	1022.2	-1	SSW	2	bc	87	45	7	7200	Cu	6	-	6	1024.9	-1	NW	2	oh	81	65	7	7200	Cnb	10	-	10	0		
Nottingham	1022.3	-2	SE	2	b+	88	55	8	2500	Cu	2	-	2	1020.9	0	SE	1	bct	85	65	8	1500	Cnb	5	Cst	6	0		
Canterbury	1023.1	0	ESE	2	b+	88	55	7	4000	Cu	1	-	1	1021.9	0	E	1	b	84	65	8	4000	Cu	1	-	1	0		
Orkney	1023.5	0	-	0	b	70	75	6	-	-	0	0	0	1022.3	-1	-	0	b	67	85	6	-	-	0	-	0	0		
Valencia (Oshirovee)	1026.2	+1	HNW	4	bc	65	75	8	2500	Stcu	6	-	6	1025.4	-1	NW	4	b-	66	75	8	2500	Stcu	2	-	2	0		
Roches Point	1024.4	0	SE	1	bc	71	65	8	4000	Stcu	5	-	5	1023.3	-1	NNW	3	b	69	65	8	4000	st.	1	-	1	0		
Pembroke (St. Ann's H.)	1022.0	0	WNW	1	b	77	65	6	-	-	0	0	0	1021.9	-1	NE	5	b	70	65	7	4000	st.	3	Cst	5	2		
Beaumont-Wye	1021.8	-3	SE	1	b	88	45	7	-	-	0	0	0	1019.7	-6	-	0	ch	90	45	8	4000	Cnb	7	Cst	8	0		
Beaumont	1021.9	-2	ESE	2	b	91	45	7	-	-	0	0	0	1020.9	-3	SE	3	bc	90	55	7	-	-	0	-	4	0		
Andover	1021.4	-2	SE/E	3	b	92	45	7	-	-	0	0	0	1020.1	-2	S	2	o+	88	55	7	5700	Cnb	3	Cst	9	0		
S. Yarnborough	1021.0	-2	ENE	3	b+	90	45	7	-	-	0	0	0	1020.3	-1	SE	3	ct	88	55	7	4000	Cu	4	Cst	7	0		
London (Kew Obs.)	1022.1	-2	ESE	2	b	89	55	7	-	-	0	0	0	1020.8	-2	E	2	bct	88	45	6	-	-	0	Cst	5	0		
Croydon	1021.9	-2	E	2	b	88	45	7	-	-	0	0	0	1020.8	-2	ENE	1	bct	85	55	7	-	-	0	Cst	5	0		
Clacton-on-Sea	1023.3	0	E	2	b	79	55	6	-	-	0	0	0	1021.6	-1	ENE	3	b	77	55	6	-	-	0	Acu	3	1		
Shoeburyness	1023.3	0	E	2	b	79	55	6	-	-	0	0	0	1021.6	-3	ESE	2	b	77	55	6	-	-	0	Cst	3	0		
Grain	1023.2	-1	NE/E	2	b	71	75	7	-	-	0	0	0	1021.6	-1	NE/E	3	b+	71	75	6	-	-	0	Cst	3	0		
Lymington	1022.2	-1	E	3	b	86	45	7	-	-	0	0	0	1021.1	-1	ENE	3	bct	80	55	7	-	-	0	Cst	6	0		
Bolton (St. Mary's)	1022.2	-1	NNE	2	ct	65	85	6	4000	Stcu	8	-	8	1020.8	-2	NNE	4	c	63	92	6	4000	Stcu	4	Acu	8	4		
Falmouth (Pendennis)	1022.1	-2	-	0	bct	82	45	8	7200	Cu	4	-	4	1019.9	-3	N	4	bc	77	65	8	7200	Cu	4	-	4	0		
Plymouth (Cattewater)	1021.5	-1	SSW	3	bct	75	65	7	4000	Cu	1	Acu	5	1019.3	-2	E	2	o+	81	55	7	4000	Stcu	8	Acu	9	0		
Portland Bill	1021.6	0	E	1	b+	74	85	6	-	-	0	0	0	1020.4	-4	ENE	2	o+	70	85	6	-	-	0	Cst	9	0		
Bournemouth (Cable St.)	1021.3	-2	SE/S	4	b	77	65	7	-	-	0	0	0	1020.5	-1	SE	4	c	72	75	6	-	-	0	Cst	8	3		
Bournemouth	1022.3	-1	E	4	o	75	65	7	-	-	0	0	0	1020.8	-1	E	4	bc	71	65	7	-	-	0	Cst	5	4		
Jersey	1020.0	0	E	3	o	84	65	8	-	-	0	0	0	1019.4	0	ESE	3	o	76	65	8	-	-	0	Acu	10	3		

LONDON OBSERVATIONS										ATMOSPHERIC POLLUTION										POLAR STAR RECORD at Greenwich Obs.										CODE FOR STATE OF GROUND																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
WEATHER.					TEMPERATURE.					RAIN-FALL.					SUN-SHINE.					HUMIDITY.					24 Hrs. ended 1800 G.M.T.					Exposure from					Stars.					Polaris					Minoris																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Morning.					Afternoon.					Night.					Max. of.					Min. of.					Min. on Grass.					Day.					Night.					YESTERDAY.					TO-DAY.					Max.					Time.					Min.					Time.					h. m.					h. m.					%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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LONDON OBSERVATIONS.

WEATHER.

TEMPERATURE.

HUMIDITY.

ATMOSPHERIC POLLUTION.

POLAR STAR RECORD at Greenwich Observatory.

CODE FOR STATE OF GROUND.

24 HOURS ENDED 0000 G.M.T. 12 ^h															24 HOURS ENDED 0000 G.M.T. 12 ^h												
Barom.	Temp.	Humidity.	Wind.	Weather.	Cloud.	Height.	Form.	Amount.	Upper Form.	Total Amount.	Barom.	Temp.	Humidity.	Wind.	Weather.	Cloud.	Height.	Form.	Amount.	Upper Form.	Total Amount.	Barom.	Temp.	Humidity.	Wind.	Weather.	Cloud.
Kew	57	130	138	37	52	11.7	12.6	38	45	56	51	50	0.6	9h.12	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3
Croydon	57	130	138	37	52	11.7	12.6	38	45	56	51	50	0.6	9h.12	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3
Greenwich (Royal Observatory)	57	130	138	37	52	11.7	12.6	38	45	56	51	50	0.6	9h.12	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3
City (Bunhill Row)	57	130	138	37	52	11.7	12.6	38	45	56	51	50	0.6	9h.12	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3
Westminster (St. James' Pk.)	57	130	138	37	52	11.7	12.6	38	45	56	51	50	0.6	9h.12	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3
Regent's Pk. (Botanic Gdns.)	57	130	138	37	52	11.7	12.6	38	45	56	51	50	0.6	9h.12	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3
Camden Square	57	130	138	37	52	11.7	12.6	38	45	56	51	50	0.6	9h.12	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3
Kensington Palace	57	130	138	37	52	11.7	12.6	38	45	56	51	50	0.6	9h.12	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3
Metropolitan Observatory	57	130	138	37	52	11.7	12.6	38	45	56	51	50	0.6	9h.12	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3	15h.11	10.3

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

SUMMARIES FOR THE PAST 24 HOURS.														Sun. 12 ^h
STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.				Hours.		
	7h-12h. 12 ^h	12h-18h. 12 ^h	18h-12 ^h to 12h-13 ^h	1h-7h. 13 ^h	Max. Day. 7h-12h.	Min. Night 12h-7h.	Min. on GRASS	Day. 7h-12h. mm.	Night. 12h-7h. mm.	Precipitation began.	Precipitation ended.			
Lerwick	bc	b	oc	op	62	52	.	-	trace	-	0.30	4.4		
Stornoway	c	c	c	oo	65	53	.	-	-	-	-	8.4		
Wick	c	c	c	oo	71	51	.	-	-	-	-	.		
Castlety	obc	bco	o	opo	60	54	.	-	trace	-	-	7.5		
Nairn	cbca	bqce	cg	cg	72	50	.	-	-	-	-	9.1		
Aberdeen	c	c	co	oo	81	56	31	-	-	-	-	3.3		
Malin Head	cov	cov	bccov	c	64	55	.	-	-	-	-	4.7		
Renfrew	co	oo	b.b	bbcW	72	46	36	-	-	-	-	6.8		
Edinburgh (Inchkeith)	c	c	c	b	71	53	50	-	-	-	-	13.4		
Leuchars	bzy	bey	b	b	81	48	35	-	-	-	-	12.9		
Eskdalemuir	b-bc	byb	b	b	76	48	.	-	-	-	-	12.5		
Tynemouth	b-bcm	b.bm	cm	b.bcm	75	56	54	-	-	-	-	.		
Blackad Point	oo	b.b	c	oo	68	49	.	-	-	-	-	.		
Donaghadee	b-bc	b.c	c	b.c	70	53	.	-	-	-	-	.		
Birr Castle	co	co	co	co	71	51	43	-	-	-	-	0.7		
Holyhead	bmb	b	b	b.b	66	56	53	-	-	-	-	14.4		
Liverpool (Bidston)	b-bc	b.b	b	b	74	59	56	-	-	-	-	13.4		
Chester (Shotwick)	bmb	b.b	b	b	79	61	57	-	-	-	-	13.1		
Spurn Head	b-bc	b.b	c	c	76	59	.	-	-	-	-	12.5		
Birmingham (Edgbaston)	bzy	out	tlr	om	92	63	60	-	0.5	-	<2100	10.2		
Nottingham	b-bc	oo	c	c	92	67	64	-	trace	-	<2100	10.3		
Cranwell	bz	cb	ol	om	89	64	61	-	-	-	-	13.4		
Gorleston	b-bc	b.b	b	b.b	76	63	.	-	-	-	-	14.3		
Valencia (Cahirovren)	omcb	bcb	b	vbb	66	57	49	-	-	-	-	8.4		
Boches Point	b.b	b.b	b	b	73	58	.	-	-	-	-	.		
Pembroke (St. Ann's H.)	by	b.b	b	c	77	59	.	-	-	-	-	12.9		
Ross-on-Wye	bzby	byby	tlc	oc	91	62	62	-	-	-	-	11.8		
Benson	b	b	b	b	93	63	57	-	-	-	-	.		
Andover	by	bzy	oob	ocbm	94	65	.	-	trace	-	2200	13.3		
S. Farnborough	b	b.b	tl.b	bm	93	64	59	-	-	-	-	12.8		
London (Kew Obs.)	bzy	bybz	bz	bz	91	68	57	-	-	-	-	13.0		
Croydon	bzy	bybz	bz	bz	89	63	58	-	trace	-	-	13.8		
Clacton-on-Sea	b3	bzy	bzy	bz	77	66	62	-	-	-	-	14.2		
Shoeburyness	bzy	bzy	bz	bz	83	60	49	-	-	-	-	13.6		
Grain	bmb	b.b	bz	bz	74	65	60	-	-	-	-	14.0		
Lymington	boy	b.b	b.c	c	89	68	67	-	-	-	-	14.4		
Scilly (St. Mary's)	bmc	cm	cm	cm	72	59	.	-	-	-	-	5.9		
Falmouth (Pendennis)	bmb	b.c	b.c	b.c	84	57	.	-	-	-	-	9.8		
Plymouth (Cattewater)	bmy	b.c	o.c	ob	86	66	61	-	-	-	-	12.5		
Portland Bill	c	c	c	tlr	83	64	.	-	-	-	-	.		
Southampton (Ovalshot)	b-bc	b-b	b.c	bmm	81	66	62	-	-	-	0.30	11.4		
Dungeness	c	b.b	b.b	b.b	77	64	.	-	-	-	-	.		
Jersey	co	co	co	otib	86	61	.	-	-	-	-	5.5		



Observations from Cross Channel Steamers									
Position	Date and Time	Steamship	Wind	Temp.	Weather	Air	Sea	Cloud	Other
			Dirac.	Force					
2	12 th 1000	Cambria	NNW	2	bc	61	57	5	
1	" 1100	Reindeer	NE	4	b/f	66	58	5	
3	13 th 0300	Dieppe	E	1	b	60	60	7	

GENERAL INFERENCE.

A shallow depression is now centred over the Channel but pressure is rising over Scotland and Iceland. Winds will be mainly from E. and N.E. and the weather is likely to be generally fine but there is still a risk of local thunderstorms in the South. The temperature is likely to decrease somewhat though high temperatures are probable in the South today.

Districts	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 13th July, 1923.	Further Outlook
1. S.E. England	Light to moderate NE to E winds; mainly fine and bright but a risk of local thunderstorms; visibility moderate to good; slightly less warm.	Mainly fine and warm but a risk of local thunderstorms over England.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales	Wind N or NE, light to moderate; fine; visibility moderate to good; rather cooler than of late.	
7. North Wales		
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. E. Scotland	Light winds, mainly from N. and N.E.; fine, morning mist inland; temperature moderate or rather warm.	
12. S.W. Scotland		
13. Isle of Man		
14. N. & N.W. Scotland		
15. Hebrides		
16. Orkneys and Shetlands	As 4 - 10.	
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		

SYNOPTIC CHART FOR 7h.

FRIDAY, 13TH JULY, 1923.

Scale - 1:10,000,000

Nautical Miles
Statute Miles

LOW

Barometer

Rising

Slowly

Falling Low slowly

Bar

Rising

Slowly

HIGH 59

HIGH 1026

1026 1024 1022

1020

1018

1016

1014

1012

1010

1008

1006

1004

1002

1000

998

996

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No. 194.

¹ See footnote page 1

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.22514

SATURDAY 14TH JULY 1923.

Page 1.

STATIONS.	Observations at 1500 G.M.T. 13 th													Observations at 1800 G.M.T. 13 th																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			Dir.	Force					0-12	Height.	Form.	Amt.			0-10	0-20					State of ground.	Dir.	Force	0-12	Height.	Form.	Amt.	0-10	0-20	State of ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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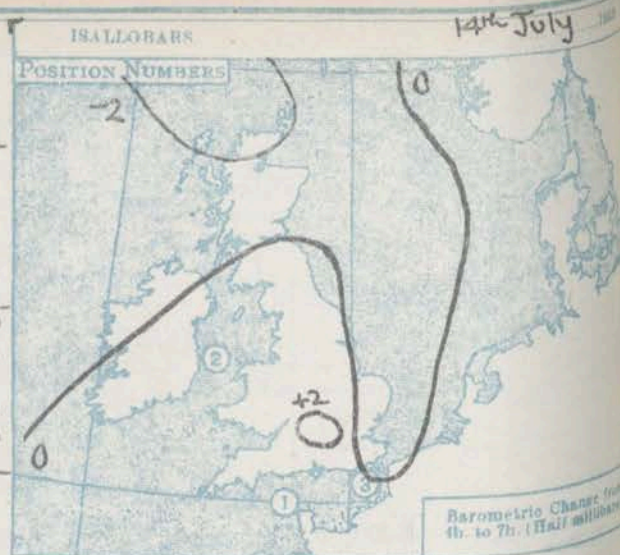
LONDON OBSERVATIONS.

STATION.	WEATHER.			TEMPERATURE.			RAIN-FALL.	SUN-SHINE.	HUMIDITY.		ATMOSPHERIC POLLUTION.				POLE STAR RECORD at Greenwich Obsy.			CODE FOR STATE OF GROUND.			
	Morn-ing.	After-noon.	Night.	Max. °F.	Min. °F.	Min. on Grass °F.	mm.	hrs.	1st. %	2nd. %	Milligrams of Solid Impurity per cubic metre.				Exposure from 13 th 21 30.			1=Dry ground. 2=Wet ground. 3=Soft (muddy) wet ground. 4=Bare ground frozen (but less than 2 ins. deep). 5=Bare ground frozen (but more than 2 ins. deep). 6=Dew (or wet grass but not wet ground). 7=Skating to-day in 1900 and 1900 reports (Hear frost in 1900 and 1900 reports). 8=Snow (thin layer, often not continuous). 9=Snow (deep, impeding traffic, usually a continuous layer). 10=Glassed roads (ice on roads from frozen rain or melted snow).			
Kew	bby	bby	bby	32	63	52	0.4	13.2	36	67	24 Hr. ended 1800 G.M.T. 13 th				South Kensington			East Observatory			
Croydon	bby	bby	bby	32	63	52	0.4	13.2	36	67	Max. Time. Min. Time.				Stars			Polaris			
Greenwich (Royal Obsy.)	bby	bby	bby	32	63	52	0.4	13.2	36	67	East Observatory				Stars			Polaris			
City (Bunhill Row)	bby	bby	bby	32	63	52	0.4	13.2	36	67	Max. Time. Min. Time.				Stars			Polaris			
Westminster (St. James' Pk.)	bby	bby	bby	32	63	52	0.4	13.2	36	67	Max. Time. Min. Time.				Stars			Polaris			
Regent's Pk. (Botanic Gds.)	bby	bby	bby	32	63	52	0.4	13.2	36	67	Max. Time. Min. Time.				Stars			Polaris			
Camden Square	bby	bby	bby	32	63	52	0.4	13.2	36	67	Max. Time. Min. Time.				Stars			Polaris			
Kensington Palace	bby	bby	bby	32	63	52	0.4	13.2	36	67	Max. Time. Min. Time.				Stars			Polaris			
Hampstead Observatory	bby	bby	bby	32	63	52	0.4	13.2	36	67	Max. Time. Min. Time.				Stars			Polaris			

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

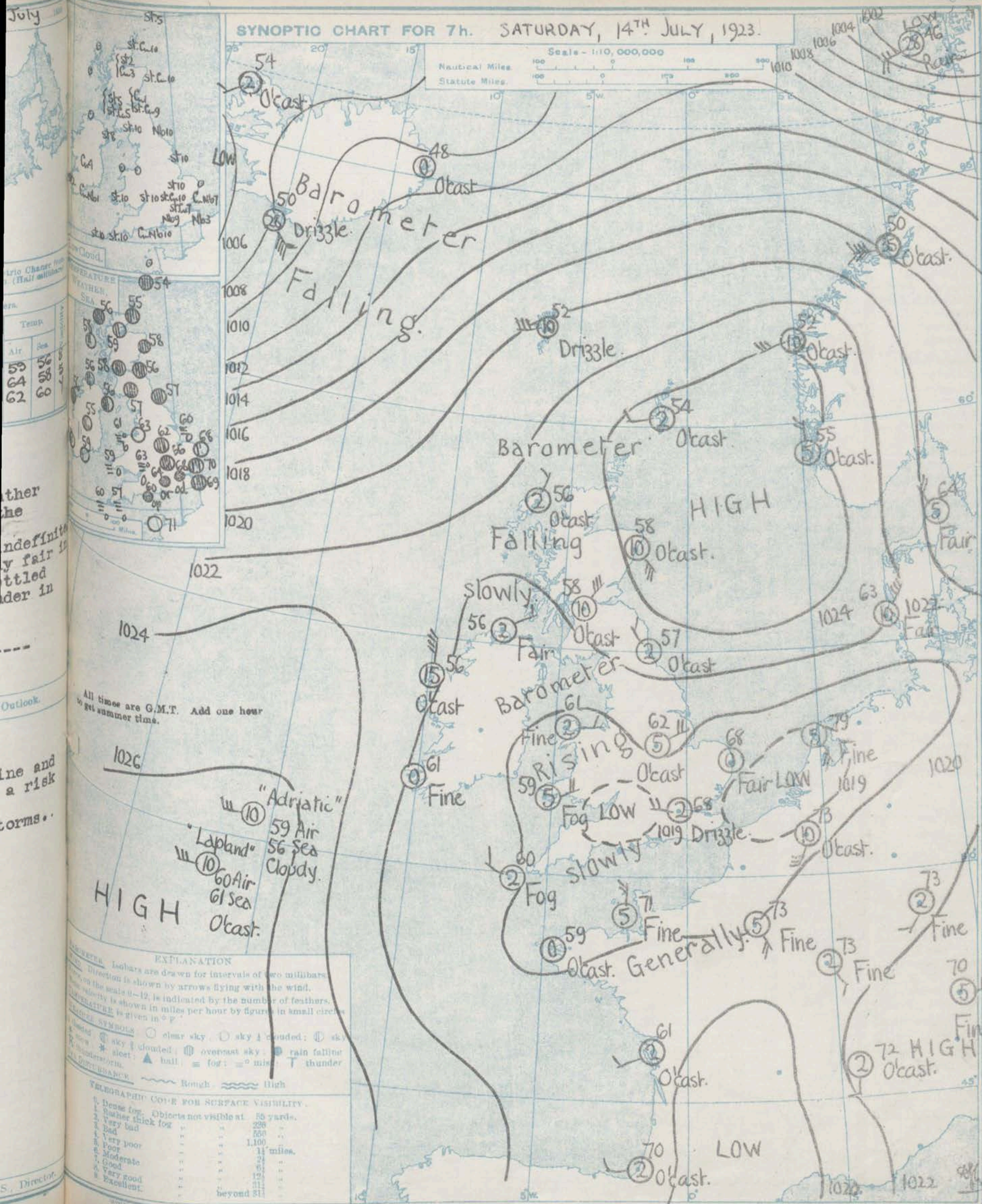
14 & 15 JULY 1923.			
STATIONS.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	3.47 3.48	11.39 11.39	8.10 8.9
Greenwich ...	4.0 4.2	12.6 12.6	8.11 8.10
Wick ...	3.29 3.31	12.18 12.18	9.6 9.4
Valencia ...	4.38 4.39	12.47 12.47	8.55 8.54

SUMMARY FOR THE PAST 24 HOURS.													Sun. 13 Hours.
STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.				Hours.	
	7h-12h 13	12h-1h 13	1h-2h 13	2h-3h 14	MAX. Day. 7h-12h	MIN. Night. 12h-7h	MIN. on Grass.	Day. 7h-12h mm.	Night. 12h-7h mm.	Precipitation began.	Precipitation ended.		
Lerwick	00	c	c	c	52	52	.	-	-	-	-	1.1	
Stornoway	00	00	o	o	50	43	.	-	-	-	-	0.5	
Wick	00	00	00	00	51	51	.	-	-	-	-	.	
Castlebay	00	00	obc	bcc	53	53	.	-	-	-	-	1.3	
Nairn	cbc	bcc	bc	bc	54	54	.	-	-	-	-	9.3	
Aberdeen	ocbcb	bcc	o	o	64	52	44	-	-	-	-	5.2	
Malin Head	c	c	obcy	bcc	58	53	.	-	-	-	-	0.0	
Benfrew	bb	omcb	bbo	bbo	72	54	49	-	-	-	-	1.5	
Edinburgh (Inchkeith)	cmcb	b	c	o	63	55	51	-	-	-	-	11.5	
Leuchars	b-bcc	bcb	bcb	bo	64	46	54	-	-	-	-	10.5	
Eskdalemuir	cbcb	bc	bcbcc	bcc	75	53	54	-	-	-	-	10.5	
Tynemouth	b-bcm	b-bcm	ommm	om	62	56	56	-	-	-	-	.	
Blackrod Point	00	c	o	o	63	53	.	-	-	-	-	.	
Donaghadee	bc	b	c	o	61	55	.	-	-	-	-	.	
Birr Castle	cbcb	b-bc	bc	coz	74	50	43	-	-	-	-	13.9	
Holyhead	bcb	bb	brlr	cbcm	60	55	54	-	Trace	-	24.00	10.9	
Liverpool (Bidston)	abcbm	b	cozlr	cbcm	66	60	54	-	3	-	04.30	9.5	
Chester (Shotwick)	cbcb	bz	cozlr	cbcm	69	61	50	-	2	-	24.00	10.3	
Spurn Head	c	b-bc	cbcm	F	66	61	.	-	-	-	-	6.8	
Birmingham (Edgbaston)	cm	cm	cm	om	86	61	59	-	-	-	-	4.2	
Nottingham	c	b-bc	bc	o	82	61	61	-	-	-	-	5.3	
Cranwell	bcm	b-bc	c	om	82	59	57	-	-	-	-	10.1	
Gorleston	bcc	bz	bz	bz	72	62	.	-	-	-	-	11.3	
Valencia (Cahirovee)	b-bc	b	b	bw	41	56	50	-	-	-	-	14.9	
Roche Point	bb	bcbp	bcb	bb	45	58	.	-	-	-	-	.	
Pembroke (St. Ann's H.)	c	o	offr	bcb	66	56	04	-	2	14.30	21.00	1.4	
Ross-on-Wye	bzc	bzc	cbcm	feom	89	59	58	34	0.1	16.30	-	4.1	
Benson	b	b	obc	bcom	93	60	50	-	-	-	-	.	
Andover	cprb	bzy	bzy	omw	91	56	52	Trace	-	0300	-	14.1	
S. Farnborough	bmb	bby	bby	bcor	92	60	56	-	0.1	-	0630	13.5	
London (Kew Obsv.)	bzy	by	by	bod	91	65	57	-	-	-	-	13.2	
Croydon	bzy	by	bm	bomf	88	63	58	-	0.4	-	0530	12.9	
Olveston-on-Sea	bcbz	bz	bcbz	bccz	78	63	57	-	-	-	-	13.2	
Shoeburyness	bz	bzby	b	bccp	82	58	48	-	Trace	-	-	13.6	
Grain	bbbz	bzby	bb	borm	88	60	53	-	2	-	0530	13.5	
Lymington	by	by	b	bact	83	62	55	-	1	-	0330	13.5	
Billy (St. Mary's)	bcm	cmoff	cmoff	cmoff	44	54	.	-	-	-	-	6.9	
Falmouth (Pendennis)	bcm	bcm	bcm	bcm	46	56	.	-	-	-	-	8.3	
Plymouth (Cattewater)	bcbcm	bcm	bcm	bcm	44	59	.	-	-	-	-	8.3	
Portland Bill	b-bc	f-m	f-m	f-m	48	58	.	-	-	-	-	0630	
Southampton (Olaishot)	bmm	bmm	bm	bcm	80	61	57	-	0.4	-	0630	.	
Dungeness	b-bc	b-bc	b-bc	b	79	62	.	-	0.1	-	0630	14.4	
Jersey	bcb	b	b	b	67	63	.	-	-	-	-	11.8	



SYNOPTIC CHART FOR 7h. SATURDAY, 14TH JULY, 1923.

Scale - 1:10,000,000
Nautical Miles 100 0 100 200 300
Statute Miles 100 0 100 200 300



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

EXPLANATION

Isobars are drawn for intervals of two millibars. Direction is shown by arrows flying with the wind. The scale 0-12 is indicated by the number of feathers. The velocity is shown in miles per hour by figures in small circles. The temperature is given in °F.

WEATHER SYMBOLS
 ○ clear sky ○ sky & clouded ☐ sky & clouded
 ☐ sky & clouded ☐ overcast sky ☐ rain falling
 * sleet ▲ hail = fog ° mist T thunder

SEA DISTURBANCE
 ~~~~~ Rough    ~~~~~ High

## TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

|                                                |           |
|------------------------------------------------|-----------|
| 1. Dense fog. Objects not visible at 50 yards. |           |
| 2. Rather thick fog.                           | 226       |
| 3. Very bad.                                   | 550       |
| 4. Bad.                                        | 1,100     |
| 5. Very poor.                                  | 11 miles. |
| 6. Poor.                                       | 21        |
| 7. Moderate.                                   | 6         |
| 8. Good.                                       | 12        |
| 9. Very good.                                  | 21        |
| 10. Excellent.                                 | beyond 21 |



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION. Saturday 14<sup>th</sup> July

1923.

No. 195

| STATIONS.                   | Height above M.S.L. in feet. | Observations at 0100 G.M.T. 14 <sup>th</sup> |                    |        |        |          |           |             |                 |         |       | Observations at 0700 G.M.T. 14 <sup>th</sup> |                  |                    |        |        |          |           |             |                 |         |       |      |     |    |    |
|-----------------------------|------------------------------|----------------------------------------------|--------------------|--------|--------|----------|-----------|-------------|-----------------|---------|-------|----------------------------------------------|------------------|--------------------|--------|--------|----------|-----------|-------------|-----------------|---------|-------|------|-----|----|----|
|                             |                              | Barom. at M.S.L.                             | Change in 3 hours. | Wind.  |        | Weather. | Temp. °F. | Humidity. % | Visibility. 0-6 | Cloud.  |       |                                              | Barom. at M.S.L. | Change in 3 hours. | Wind.  |        | Weather. | Temp. °F. | Humidity. % | Visibility. 0-6 | Cloud.  |       |      |     |    |    |
|                             |                              |                                              |                    | Direc. | Force. |          |           |             |                 | Height. | Form. | Amt.                                         |                  |                    | Direc. | Force. |          |           |             |                 | Height. | Form. | Amt. |     |    |    |
|                             |                              |                                              |                    |        |        |          |           |             |                 |         |       |                                              |                  |                    |        |        |          |           |             |                 |         |       |      |     |    |    |
| Lerwick ...                 | 54                           | 1024                                         | 0                  | -      | 0      | 53       | 85        | 8           | -               | -       | 0     | ASr                                          | 10               | 1024               | 1      | N      | 1        | 0         | 54          | 82              | 2500    | St    | 5    | ASr | 10 |    |
| Stornoway ...               | 51                           | 1025                                         | 0                  | -      | 0      | 53       | 92        | 8           | 5100            | St      | 10    | -                                            | 10               | 1025               | 2      | NNE    | 1        | 0         | 55          | 88              | 5100    | St    | 0    | ASr | 10 |    |
| Wick ...                    | 81                           | 1025                                         | -1                 | -      | 0      | 53       | 92        | 8           | -               | -       | -     | -                                            | -                | 1025               | 2      | E      | 0        | 0         | 53          | 88              | 1500    | St    | 0    | ASr | 10 |    |
| Castlebay ...               | 37                           | 1025                                         | 0                  | -      | 0      | 53       | 92        | 8           | -               | -       | -     | -                                            | -                | 1025               | 2      | E      | 0        | 0         | 53          | 88              | 1500    | St    | 0    | ASr | 10 |    |
| Nairn ...                   | 82                           | 1025                                         | 0                  | -      | 0      | 53       | 92        | 8           | -               | -       | -     | -                                            | -                | 1025               | 2      | E      | 0        | 0         | 53          | 88              | 1500    | St    | 0    | ASr | 10 |    |
| Aberdeen ...                | 46                           | 1025                                         | 0                  | -      | 0      | 53       | 92        | 8           | -               | -       | -     | -                                            | -                | 1025               | 2      | E      | 0        | 0         | 53          | 88              | 1500    | St    | 0    | ASr | 10 |    |
| Malin Head ...              | 71                           | 1023                                         | -1                 | N      | 3      | 54       | 94        | 8           | -               | -       | 0     | ACu                                          | 2                | 1023               | 0      | NE     | 1        | 0         | 54          | 94              | 1500    | St    | 0    | ACu | 4  |    |
| Renfrew ...                 | 49                           | 1024                                         | 0                  | ENE    | 2      | 55       | 94        | 8           | -               | -       | 0     | ASr                                          | 10               | 1024               | 0      | E      | 2        | 0         | 55          | 94              | 1500    | St    | 0    | ASr | 10 |    |
| Edinburgh (Inchkeith) ...   | 190                          | 1024                                         | 0                  | ENE    | 2      | 55       | 94        | 8           | -               | -       | 0     | ASr                                          | 10               | 1024               | 0      | E      | 2        | 0         | 55          | 94              | 1500    | St    | 0    | ASr | 10 |    |
| Leuchars ...                | 36                           | 1024                                         | 0                  | -      | 0      | 55       | 94        | 8           | -               | -       | -     | -                                            | -                | 1024               | 0      | E      | 2        | 0         | 55          | 94              | 1500    | St    | 0    | ASr | 10 |    |
| Baldernair ...              | 794                          | 1024                                         | 0                  | -      | 0      | 55       | 94        | 8           | -               | -       | -     | -                                            | -                | 1024               | 0      | E      | 2        | 0         | 55          | 94              | 1500    | St    | 0    | ASr | 10 |    |
| Tynemouth ...               | 118                          | 1024                                         | 0                  | NNW    | 2      | 51       | 94        | 6           | 800             | St      | 10    | -                                            | 10               | 1024               | 0      | NNW    | 1        | 0         | 51          | 92              | 800     | Nb    | 10   | -   | 10 |    |
| Blackhead Point ...         | 10                           | 1022                                         | 0                  | -      | 0      | 53       | 92        | 8           | -               | -       | -     | -                                            | -                | 1022               | 0      | N      | 1        | 0         | 53          | 92              | 1500    | St    | 0    | ASr | 10 |    |
| Donaghadee ...              | 35                           | 1022                                         | 0                  | -      | 0      | 53       | 92        | 8           | -               | -       | -     | -                                            | -                | 1022               | 0      | N      | 1        | 0         | 53          | 92              | 1500    | St    | 0    | ASr | 10 |    |
| Birr Castle ...             | 175                          | 1022                                         | 0                  | -      | 0      | 53       | 92        | 8           | -               | -       | -     | -                                            | -                | 1022               | 0      | N      | 1        | 0         | 53          | 92              | 1500    | St    | 0    | ASr | 10 |    |
| Holyhead ...                | 26                           | 1022                                         | 0                  | NNW    | 1      | 56       | 92        | 4           | 4000            | CuNb    | 4     | -                                            | 4                | 1022               | 0      | NNW    | 1        | 0         | 56          | 92              | 4000    | Cu    | 4    | ASr | 10 |    |
| Liverpool (Bidston) ...     | 189                          | 1022                                         | 0                  | -      | 0      | 53       | 92        | 8           | -               | -       | -     | -                                            | -                | 1022               | 0      | N      | 1        | 0         | 53          | 92              | 1500    | St    | 0    | ASr | 10 |    |
| Chester (Shotwick) ...      | 16                           | 1022                                         | 0                  | -      | 0      | 53       | 92        | 8           | -               | -       | -     | -                                            | -                | 1022               | 0      | N      | 1        | 0         | 53          | 92              | 1500    | St    | 0    | ASr | 10 |    |
| Spurn Head ...              | 26                           | 1021                                         | -3                 | N      | 5      | 50       | 60        | 94          | 2               | 450     | St    | 10                                           | -                | 10                 | 1021   | -1     | N        | 4         | 0           | 60              | 94      | 220   | St   | 10  | -  | 10 |
| Birmingham (Edgbaston) ...  | 525                          | 1021                                         | 0                  | -      | 0      | 62       | 94        | 4           | -               | -       | 0     | ASr                                          | 10               | 1021               | 0      | N      | 4        | 0         | 62          | 94              | 220     | St    | 10   | -   | 10 |    |
| Nottingham ...              | 82                           | 1021                                         | 0                  | -      | 0      | 62       | 94        | 4           | -               | -       | 0     | ASr                                          | 10               | 1021               | 0      | N      | 4        | 0         | 62          | 94              | 220     | St    | 10   | -   | 10 |    |
| Cranwell ...                | 237                          | 1021                                         | 0                  | -      | 0      | 62       | 94        | 4           | -               | -       | 0     | ASr                                          | 10               | 1021               | 0      | N      | 4        | 0         | 62          | 94              | 220     | St    | 10   | -   | 10 |    |
| Gorleston ...               | 13                           | 1020                                         | 0                  | -      | 0      | 63       | 85        | 6           | -               | -       | 0     | ASr                                          | 10               | 1020               | 0      | N      | 4        | 0         | 63          | 85              | 6       | -     | 0    | ASr | 10 |    |
| Valencia (Cahirciveen) ...  | 30                           | 1022                                         | 0                  | NE     | 2      | 6        | 59        | 94          | 3               | -       | -     | 0                                            | -                | 0                  | 1022   | 0      | NE       | 2         | 0           | 61              | 94      | 1500  | St   | 10  | -  | 10 |
| Roches Point ...            | 32                           | 1022                                         | 0                  | NE     | 2      | 6        | 59        | 94          | 3               | -       | -     | 0                                            | -                | 0                  | 1022   | 0      | NE       | 2         | 0           | 61              | 94      | 1500  | St   | 10  | -  | 10 |
| Pembroke (St. Ann's H.) ... | 149                          | 1022                                         | 0                  | NE     | 2      | 6        | 59        | 94          | 3               | -       | -     | 0                                            | -                | 0                  | 1022   | 0      | NE       | 2         | 0           | 61              | 94      | 1500  | St   | 10  | -  | 10 |
| Rose-on-Wye ...             | 223                          | 1022                                         | 0                  | NE     | 2      | 6        | 59        | 94          | 3               | -       | -     | 0                                            | -                | 0                  | 1022   | 0      | NE       | 2         | 0           | 61              | 94      | 1500  | St   | 10  | -  | 10 |
| Benson ...                  | 188                          | 1022                                         | 0                  | NE     | 2      | 6        | 59        | 94          | 3               | -       | -     | 0                                            | -                | 0                  | 1022   | 0      | NE       | 2         | 0           | 61              | 94      | 1500  | St   | 10  | -  | 10 |
| Anderer ...                 | 295                          | 1022                                         | 0                  | NE     | 2      | 6        | 59        | 94          | 3               | -       | -     | 0                                            | -                | 0                  | 1022   | 0      | NE       | 2         | 0           | 61              | 94      | 1500  | St   | 10  | -  | 10 |
| S. Fernborough ...          | 230                          | 1022                                         | 0                  | NE     | 2      | 6        | 59        | 94          | 3               | -       | -     | 0                                            | -                | 0                  | 1022   | 0      | NE       | 2         | 0           | 61              | 94      | 1500  | St   | 10  | -  | 10 |
| London (Kew Obs.) ...       | 18                           | 1022                                         | 0                  | NE     | 2      | 6        | 59        | 94          | 3               | -       | -     | 0                                            | -                | 0                  | 1022   | 0      | NE       | 2         | 0           | 61              | 94      | 1500  | St   | 10  | -  | 10 |
| Croydon ...                 | 244                          | 1022                                         | 0                  | NE     | 2      | 6        | 59        | 94          | 3               | -       | -     | 0                                            | -                | 0                  | 1022   | 0      | NE       | 2         | 0           | 61              | 94      | 1500  | St   | 10  | -  | 10 |
| Olaeton-on-Sea ...          | 54                           | 1022                                         | 0                  | NE     | 2      | 6        | 59        | 94          | 3               | -       | -     | 0                                            | -                | 0                  | 1022   | 0      | NE       | 2         | 0           | 61              | 94      | 1500  | St   | 10  | -  | 10 |
| Shoeburyness ...            | 11                           | 1022                                         | 0                  | NE     | 2      | 6        | 59        | 94          | 3               | -       | -     | 0                                            | -                | 0                  | 1022   | 0      | NE       | 2         | 0           | 61              | 94      | 1500  | St   | 10  | -  | 10 |
| Grain ...                   | 20                           | 1022                                         | 0                  | NE     | 2      | 6        | 59        | 94          | 3               | -       | -     | 0                                            | -                | 0                  | 1022   | 0      | NE       | 2         | 0           | 61              | 94      | 1500  | St   | 10  | -  | 10 |
| Lymington ...               | 350                          | 1022                                         | 0                  | NE     | 2      | 6        | 59        | 94          | 3               | -       | -     | 0                                            | -                | 0                  | 1022   | 0      | NE       | 2         | 0           | 61              | 94      | 1500  | St   | 10  | -  | 10 |
| Selly (St. Mary's) ...      | 131                          | 1022                                         | 0                  | NNW    | 1      | 0        | 59        | 94          | 5               | 1500    | St    | 10                                           | -                | 10                 | 1022   | 0      | NNW      | 1         | 0           | 60              | 94      | 1500  | St   | 10  | -  | 10 |
| Falmouth (Pendennis) ...    | 200                          | 1022                                         | 0                  | NNW    | 1      | 0        | 59        | 94          | 5               | 1500    | St    | 10                                           | -                | 10                 | 1022   | 0      | NNW      | 1         | 0           | 60              | 94      | 1500  | St   | 10  | -  | 10 |
| Plymouth (Cattewater) ...   | 82                           | 1022                                         | 0                  | NNW    | 1      | 0        | 59        | 94          | 5               | 1500    | St    | 10                                           | -                | 10                 | 1022   | 0      | NNW      | 1         | 0           | 60              | 94      | 1500  | St   | 10  | -  | 10 |
| Portland Bill ...           | 19                           | 1022                                         | 0                  | NNW    | 1      | 0        | 59        | 94          | 5               | 1500    | St    | 10                                           | -                | 10                 | 1022   | 0      | NNW      | 1         | 0           | 60              | 94      | 1500  | St   | 10  | -  | 10 |
| Southampton (Cannon) ...    | 12                           | 1022                                         | 0                  | NNW    | 1      | 0        | 59        | 94          | 5               | 1500    | St    | 10                                           | -                | 10                 | 1022   | 0      | NNW      | 1         | 0           | 60              | 94      | 1500  | St   | 10  | -  | 10 |
| Dungeness ...               | 21                           | 1022                                         | 0                  | NNW    | 1      | 0        | 59        | 94          | 5               | 1500    | St    | 10                                           | -                | 10                 | 1022   | 0      | NNW      | 1         | 0           | 60              | 94      | 1500  | St   | 10  | -  | 10 |
| Jersey Th. ...              | 25                           | 1022                                         | 0                  | NNW    | 1      | 0        | 59        | 94          | 5               | 1500    | St    | 10                                           | -                | 10                 | 1022   | 0      | NNW      | 1         | 0           | 60              | 94      | 1500  | St   | 10  | -  | 10 |
| Guernsey Th. ...            | 25                           | 1022                                         | 0                  | NNW    | 1      | 0        | 59        | 94          | 5               | 1500    | St    | 10                                           | -                | 10                 | 1022   | 0      | NNW      | 1         | 0           | 60              | 94      | 1500  | St   | 10  | -  | 10 |

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 13<sup>th</sup>

| STATIONS.            | WEATHER.  |            | TEMPERATURE.       |               | RAINFALL†    |            | SUNSHINE.      |                        | STATIONS.                | WEATHER.  |            | TEMPERATURE.       |               | RAINFALL†    |            | SUNSHINE.      |                        |
|----------------------|-----------|------------|--------------------|---------------|--------------|------------|----------------|------------------------|--------------------------|-----------|------------|--------------------|---------------|--------------|------------|----------------|------------------------|
|                      | Forenoon. | Afternoon. | Min. Night, 12-13. | Max. Day, 13. | Night 12-13. | Day 12-13. | Sunrise to 12. | Sunrise to Sunset, 12. |                          | Forenoon. | Afternoon. | Min. Night, 12-13. | Max. Day, 13. | Night 12-13. | Day 12-13. | Sunrise to 12. | Sunrise to Sunset, 12. |
| Montrose ...         | bc        | bbz        | 55                 | 65            | -            | -          | 7.9            | 13.0                   | Ilfracombe ...           | oz        | ct         | 66                 | 76            | -            | 2          | 48             | 13.4                   |
| Barwick-on-Tweed ... | ffz       | bb         | 55                 | 63            | -            | -          | 11.1           | 13.7                   | Bude ...                 | lp        | ter        | 64                 | 76            | -            | 4          | 5.4            | 12.5                   |
| Llandudno ...        | b         | b          | 57                 | 66            | -            | -          | 10.1           | 12.5                   | Penance ...              | bc        | hcc        | 64                 | 75            | -            | -          | 8.3            | 10.7                   |
| Colwyn Bay ...       | bc        | bc         | 59                 | 68            | -            | -          | 9.8            | 11.8                   | Falgunton ...            | bc        | hr         | 66                 | 82            | 0.1          | 4          | 8.3            | 10.6                   |
| Rhyl ...             | bc        | bc         | 60                 | 66            | -            | -          | 9.8            | 12.7                   | Torquay ...              | tr        | b          | 67                 | 84            | -            | -          | 8.3            | 10.5                   |
| Southport ...        | cbz       | bcz        | 61                 | 70            | -            | -          | 7.5            | 13.0                   | Weymouth ...             | bc        | b          | 67                 | 86            | -            | -          | 10.3           | -                      |
| Blackpool ...        | cb        | cz         | 61                 | 72            | -            | -          | 7.6            | 12.1                   | Bournemouth ...          | b         | b          | 67                 | 86            | -            | -          | 11.8           | 11.9                   |
| Ilkley ...           | bc        | b          | 62                 | 79            | -            | -          | 10.2           | 10.6                   | Portsmouth (S. then) ... | b         | b          | 70                 | 83            | -            | -          | 11.6           | 12.6                   |
| Harrogate ...        | b         | b          | 58                 | 75            | -            | -          | 8.7            | 7.2                    | Worthing ...             | b         | b          | 70                 | 77            | -            | -          | 11.5           | 13.0                   |
| Skegness ...         | b         | b          | 60                 | 69            | -            | -          | 8.2            | 13.0                   | Brighton ...             | b         | b          | 71                 | 77            | -            | -          | 11.6           | 14.2                   |
| Aberystwyth ...      | cb        | b          | 63                 | 71            | -            | -          | 7.0            | 11.0                   | Eastbourne ...           | b         | b          | 68                 | 79            | -            | -          | 12.0           | -                      |
| Bath ...             | zb        | bcz        | 66                 | 82            | -            | -          | 8.6            | 12.2                   | Hastings ...             | b         | b          | 71                 | 81            | -            | -          | 11.8           | 14.5                   |
| Leamington Spa ...   | bc        | bcz        | 66                 | 83            | -            | -          | 10.0           | 11.4                   | Folkestone ...           | b         | b          | 66                 | 81            | -            | -          | 10.6           | 13.5                   |
| Lowestoft ...        | bc        | b          | 64                 | 72            | -            | -          | 9.2            | 14.3                   | Tanbridge Wells ...      | b         | b          | 66                 | 86            | -            | -          | 10.6           | 13.4                   |
| Felixstowe ...       | b         | bm         | 63                 | 75            | -            | -          | 10.2           | 14.6                   | Ramsgate ...             | bc        | b          | 63                 | 81            | -            | -          | 11.7           | 14.6                   |
| Southend ...         | b         | b          | 65                 | 87            | -            | -          | 11.1           | 13.1                   | Margate ...              | b         | b          | 64                 | 81            | -            | -          | 11.0           | 13.8                   |
|                      |           |            |                    |               |              |            |                |                        | Dial ...                 | cb        | bb         | 62                 | 80            | -            | -          |                |                        |



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B22515

SUNDAY, 15<sup>th</sup> JULY.....1923.

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| STATIONS.                                    |        | Observations at 1300 G.M.T. 14 <sup>th</sup> |                   |              |                            |          |                    |                            |                |                            |             |                            |             |                                               |                   | Observations at 1800 G.M.T. 14 <sup>th</sup> |        |                                     |           |            |                |                            |        |      |      |       |       |      |      |
|----------------------------------------------|--------|----------------------------------------------|-------------------|--------------|----------------------------|----------|--------------------|----------------------------|----------------|----------------------------|-------------|----------------------------|-------------|-----------------------------------------------|-------------------|----------------------------------------------|--------|-------------------------------------|-----------|------------|----------------|----------------------------|--------|------|------|-------|-------|------|------|
|                                              |        | Barom. at M.S.L.                             | Change in 3 Hours | Wind.        |                            | Weather. | Temp. °F.          | Humidity %                 | Visibility 0-8 | Cloud.                     |             |                            |             | Barom. at M.S.L.                              | Change in 3 Hours | Wind.                                        |        | Weather.                            | Temp. °F. | Humidity % | Visibility 0-8 | Cloud.                     |        |      |      |       |       |      |      |
|                                              |        |                                              |                   | Direc.       | Force                      |          |                    |                            |                | Height                     | Form        | Amt.                       | Upper       |                                               |                   | Total                                        | Direc. |                                     |           |            |                | Force                      | Height | Form | Amt. | Upper | Total |      |      |
|                                              |        |                                              |                   |              |                            |          |                    |                            |                |                            |             |                            |             |                                               |                   |                                              |        |                                     |           |            |                |                            |        |      |      |       |       | 0-12 | 0-10 |
| (For heights see p. 4.)                      |        | m.b.                                         |                   |              |                            |          |                    |                            |                | Feet                       |             |                            |             | m.b.                                          |                   |                                              |        |                                     |           |            |                | Feet                       |        |      |      |       |       |      |      |
| Lerwick                                      | 1022.4 | -2                                           | S                 | 1            | 0                          | 57       | 75                 | 7                          | 1500           | Str                        | 10          | 10                         | 10          | 1020.1                                        | -3                | S                                            | 1      | 0                                   | 56        | 85         | 7              | -                          | -      | 0    | C-Sr | 8     | 0     |      |      |
| Stornoway                                    | 1019.4 | -3                                           | WSW               | 2            | 0                          | 62       | 85                 | 8                          | 4000           | Cu                         | 2           | 2                          | 2           | 1016.5                                        | -3                | SSE                                          | 2      | 0                                   | 61        | 92         | 8              | 800                        | Str    | 7    | 0    | C-Sr  | 7     | 0    |      |
| Wick                                         | 1020.7 | -4                                           | SE                | 3            | 0                          | 67       | 85                 | 8                          | -              | -                          | -           | -                          | -           | 1017.7                                        | -4                | SE                                           | 3      | 0                                   | 55        | 92         | 8              | -                          | -      | 0    | C-Sr | 4     | 3     |      |      |
| Castellbay                                   | 1019.4 | -1                                           | SSW               | 2            | 0                          | 62       | 75                 | 7                          | -              | -                          | -           | -                          | -           | 1016.8                                        | -3                | SW                                           | 2      | 0                                   | 59        | 85         | 7              | 4000                       | Str    | 10   | 0    | C     | 4     | 0    |      |
| Nairn                                        | 1022.5 | -3                                           | SSE               | 3            | 0                          | 59       | 75                 | 7                          | 1500           | Str                        | 10          | 10                         | 10          | 1019.7                                        | -3                | SSE                                          | 2      | 0                                   | 58        | 85         | 7              | 1500                       | Str    | 7    | -    | 7     | 0     |      |      |
| Aberdeen                                     | 1022.5 | -3                                           | SSE               | 3            | 0                          | 59       | 75                 | 7                          | 1500           | Str                        | 10          | 10                         | 10          | 1019.7                                        | -3                | SSE                                          | 2      | 0                                   | 58        | 85         | 7              | 1500                       | Str    | 7    | -    | 7     | 0     |      |      |
| Malin Head                                   | 1018.9 | -2                                           | N                 | 2            | 0                          | 57       | 97                 | 7                          | 2500           | Str                        | 8           | 8                          | 8           | 1016.7                                        | -2                | NW                                           | 1      | 0                                   | 58        | 85         | 7              | 2500                       | Str    | 10   | -    | 10    | 0     |      |      |
| Benbulbin                                    | 1020.1 | -4                                           | NE                | 3            | 0                          | 61       | 85                 | 8                          | 2500           | Str                        | 9           | 9                          | 9           | 1018.2                                        | -2                | NE                                           | 3      | 0                                   | 63        | 75         | 6              | 1500                       | Str    | 10   | -    | 10    | 0     |      |      |
| Edinburgh (Inchkeith)                        | 1020.7 | -4                                           | ENE               | 4            | 0                          | 61       | 85                 | 8                          | 2500           | Str                        | 5           | 5                          | 5           | 1019.0                                        | -1                | ENE                                          | 4      | 0                                   | 56        | 92         | 7              | -                          | -      | 0    | A-Sr | 10    | 3     |      |      |
| Leuchars                                     | 1021.7 | -3                                           | E                 | 2            | 0                          | 59       | 85                 | 8                          | 2500           | Str                        | 10          | 10                         | 10          | 1019.5                                        | -3                | E                                            | 2      | 0                                   | 57        | 85         | 7              | 2500                       | Str    | 10   | -    | 10    | 0     |      |      |
| Blackburne                                   | 1020.7 | -3                                           | ENE               | 4            | 0                          | 66       | 75                 | 7                          | 2500           | Str                        | 8           | 8                          | 8           | 1018.4                                        | -2                | NE                                           | 3      | 0                                   | 62        | 85         | 7              | 2500                       | Str    | 10   | -    | 10    | 0     |      |      |
| Tynemouth                                    | 1021.9 | -2                                           | NE                | 1            | 0                          | 57       | 92                 | 6                          | -              | -                          | -           | -                          | -           | 1019.6                                        | -2                | -                                            | 0      | 0                                   | 58        | 92         | 6              | 800                        | Str    | 10   | -    | 10    | 0     |      |      |
| Blackhead Point                              | 1020.6 | -2                                           | NW                | 2            | 0                          | 60       | 65                 | 8                          | -              | -                          | 10          | 10                         | 10          | 1018.7                                        | 0                 | NW                                           | 3      | 0                                   | 57        | 85         | 8              | -                          | -      | 10   | -    | 10    | 4     |      |      |
| Donaghadee                                   | 1019.2 | -1                                           | NNE               | 2            | 0                          | 63       | 75                 | 8                          | -              | -                          | 0           | 0                          | 0           | 1017.1                                        | -2                | -                                            | 0      | 0                                   | 63        | 85         | 7              | -                          | -      | 0    | AC   | 3     | 3     |      |      |
| Rirt Castle                                  | 1019.5 | -1                                           | N                 | 1            | 0                          | 63       | 85                 | 8                          | -              | -                          | 0           | 0                          | 0           | 1015.6                                        | -2                | NNW                                          | 1      | 0                                   | 60        | 70         | 7              | 2500                       | Cu     | 8    | -    | 8     | 0     |      |      |
| Holyhead                                     | 1018.3 | -1                                           | -                 | 0            | 0                          | 63       | 85                 | 8                          | 5700           | Cu                         | 1           | 1                          | 1           | 1017.3                                        | -2                | SSW                                          | 1      | 0                                   | 63        | 85         | 7              | -                          | -      | 0    | AC   | 1     | 1     |      |      |
| Liverpool (Bidston)                          | 1017.9 | -2                                           | ESE               | 1            | 0                          | 65       | 85                 | 8                          | 4000           | Str                        | 1           | 1                          | 1           | 1016.4                                        | -1                | SSW                                          | 1      | 0                                   | 63        | 75         | 6              | 4000                       | Cu     | 8    | -    | 8     | 2     |      |      |
| Chester (Shotwick)                           | 1018.2 | -2                                           | S                 | 2            | 0                          | 65       | 85                 | 8                          | -              | -                          | 0           | 0                          | 0           | 1016.3                                        | -1                | E                                            | 1      | 0                                   | 64        | 75         | 5              | 2500                       | Str    | 9    | -    | 9     | 0     |      |      |
| Spart Head                                   | 1019.8 | -1                                           | NNE               | 4            | 0                          | 63       | 85                 | 7                          | 800            | Str                        | 10          | 10                         | 10          | 1018.1                                        | -3                | NNE                                          | 2      | 0                                   | 60        | 97         | 6              | 2500                       | Str    | 10   | -    | 10    | 2     |      |      |
| Birmingham (Edgbaston)                       | 1019.5 | -1                                           | NE                | 2            | 0                          | 65       | 85                 | 8                          | 1500           | Str                        | 10          | 10                         | 10          | 1017.8                                        | -2                | NE                                           | 1      | 0                                   | 66        | 97         | 5              | 2500                       | Nb     | 10   | -    | 10    | 0     |      |      |
| Nottingham                                   | 1019.4 | -1                                           | NE                | 2            | 0                          | 65       | 85                 | 8                          | 2500           | Nb                         | 10          | 10                         | 10          | 1017.9                                        | -1                | NE                                           | 2      | 0                                   | 65        | 85         | 7              | 2500                       | Nb     | 10   | -    | 10    | 0     |      |      |
| Crawley                                      | 1019.9 | 0                                            | NNW               | 2            | 0                          | 64       | 85                 | 6                          | 800            | Str                        | 10          | 10                         | 10          | 1018.2                                        | -2                | NNW                                          | 2      | 0                                   | 63        | 92         | 6              | 800                        | Str    | 10   | -    | 10    | 0     |      |      |
| Orleston                                     | 1018.3 | -1                                           | NE                | 2            | 0                          | 63       | 85                 | 6                          | -              | -                          | 0           | 0                          | 0           | 1018.0                                        | 0                 | SE                                           | 2      | 0                                   | 65        | 85         | 6              | -                          | -      | 0    | CC   | 3     | 0     |      |      |
| Valencia (Castroverde)                       | 1020.4 | 0                                            | NW                | 4            | 0                          | 62       | 75                 | 8                          | 2500           | Str                        | 6           | 6                          | 6           | 1019.2                                        | -1                | NW                                           | 3      | 0                                   | 59        | 85         | 8              | 1500                       | Str    | 8    | ASr  | 10    | 3     |      |      |
| Roche Point                                  | 1018.9 | 0                                            | SSE               | 1            | 0                          | 63       | 85                 | 8                          | 4000           | Str                        | 10          | 10                         | 10          | 1017.3                                        | -1                | SW                                           | 1      | 0                                   | 67        | 85         | 8              | 4000                       | Str    | 3    | -    | 3     | 0     |      |      |
| Pembroke (St. Ann's H.)                      | 1019.0 | 0                                            | b/f               | 0            | 0                          | 63       | 85                 | 5                          | -              | -                          | 0           | 0                          | 0           | 1018.4                                        | -1                | -                                            | 0      | 0                                   | 59        | 92         | 7              | 4000                       | Str    | 8    | -    | 8     | 0     |      |      |
| Rose-on-Wye                                  | 1019.0 | -1                                           | ESE               | 2            | 0                          | 69       | 85                 | 5                          | 800            | Str                        | 10          | 10                         | 10          | 1017.5                                        | -2                | ESE                                          | 1      | 0                                   | 70        | 85         | 5              | 1500                       | Str    | 10   | -    | 10    | 0     |      |      |
| Benson                                       | 1018.5 | 0                                            | -                 | 0            | 0                          | 73       | 85                 | 6                          | 4000           | Str                        | 10          | 10                         | 10          | 1018.1                                        | -2                | N                                            | 1      | 0                                   | 75        | 75         | 6              | -                          | -      | 10   | -    | 10    | 0     |      |      |
| Adover                                       | 1018.6 | -1                                           | NNW               | 2            | 0                          | 76       | 75                 | 6                          | -              | -                          | 0           | 0                          | 0           | 1017.6                                        | -1                | NNW                                          | 1      | 0                                   | 77        | 75         | 6              | 4000                       | Cu     | 7    | -    | 7     | 0     |      |      |
| S. Farnborough                               | 1018.4 | -1                                           | WSW               | 4            | 0                          | 79       | 55                 | 8                          | 4000           | Cu                         | 1           | 1                          | 1           | 1017.6                                        | -1                | N                                            | 3      | 0                                   | 77        | 65         | 6              | 2500                       | Cu     | 6    | -    | 6     | 0     |      |      |
| London (Kew Obs.)                            | 1018.6 | -1                                           | NNW               | 1            | 0                          | 77       | 65                 | 7                          | 2500           | Str                        | 3           | 3                          | 3           | 1017.3                                        | -1                | N'S                                          | 1      | 0                                   | 79        | 65         | 7              | 2500                       | Cu     | 1    | AC   | 3     | 0     |      |      |
| Croydon                                      | 1018.8 | -1                                           | SW                | 2            | 0                          | 76       | 65                 | 8                          | 5700           | Str                        | 7           | 7                          | 7           | 1017.5                                        | -1                | N                                            | 2      | 0                                   | 78        | 65         | 8              | 4000                       | Cu     | 2    | -    | 2     | 0     |      |      |
| Clacton-on-Sea                               | 1018.2 | 0                                            | ESE               | 1            | 0                          | 80       | 55                 | 5                          | -              | -                          | 0           | 0                          | 0           | 1017.2                                        | -1                | SSE                                          | 1      | 0                                   | 74        | 75         | 6              | -                          | -      | 0    | ASr  | 5     | 0     |      |      |
| Shoeburyness                                 | 1017.9 | -1                                           | WSW               | 3            | 0                          | 81       | 45                 | 6                          | 4000           | Cu                         | 3           | 3                          | 3           | 1017.2                                        | -2                | WSW                                          | 1      | 0                                   | 81        | 75         | 7              | 4000                       | Cu     | 1    | -    | 1     | 0     |      |      |
| Grain                                        | 1017.9 | -1                                           | WSW               | 3            | 0                          | 81       | 45                 | 6                          | 4000           | Cu                         | 3           | 3                          | 3           | 1017.3                                        | -1                | SW                                           | 3      | 0                                   | 80        | 45         | 9              | 5700                       | Cu     | 1    | -    | 1     | 0     |      |      |
| Lymington                                    | 1018.1 | 0                                            | SSW               | 3            | 0                          | 77       | 65                 | 8                          | 4000           | Str                        | 6           | 6                          | 6           | 1017.8                                        | -1                | SW                                           | 1      | 0                                   | 74        | 65         | 8              | 4000                       | Cu     | 1    | C-Sr | 2     | 0     |      |      |
| Bally (St. Mary's)                           | 1019.6 | 0                                            | N                 | 1            | 0                          | 65       | 85                 | 6                          | 4000           | Str                        | 10          | 10                         | 10          | 1018.3                                        | -1                | N                                            | 2      | 0                                   | 62        | 85         | 7              | 4000                       | Str    | 10   | -    | 10    | 0     |      |      |
| Plymouth (Pensance)                          | 1019.1 | -2                                           | SW                | 3            | 0                          | 68       | 75                 | 7                          | 4000           | Str                        | 7           | 7                          | 7           | 1018.3                                        | -1                | WSW                                          | 2      | 0                                   | 70        | 65         | 7              | 4000                       | Str    | 6    | -    | 6     | 0     |      |      |
| Plymouth (Castewater)                        | 1019.0 | -1                                           | SSW               | 2            | 0                          | 65       | 85                 | 8                          | 4000           | Str                        | 1           | 1                          | 1           | 1018.8                                        | 0                 | -                                            | 0      | 0                                   | 63        | 97         | 6              | 800                        | Nb     | 7    | AC   | 10    | 0     |      |      |
| Portland Bill                                | 1019.3 | 0                                            | S                 | 2            | 0                          | 64       | 92                 | 7                          | 7200           | Str                        | 3           | 3                          | 3           | 1018.4                                        | -2                | S                                            | 1      | 0                                   | 63        | 92         | 6              | 7200                       | Cu     | 8    | -    | 8     | 0     |      |      |
| Southampton (Calshot)                        | 1019.0 | -1                                           | SSW               | 4            | 0                          | 63       | 65                 | 6                          | 7200           | Str                        | 6           | 6                          | 6           | 1018.0                                        | -1                | SW                                           | 4      | 0                                   | 69        | 75         | 7              | 5700                       | Cu     | 1    | C-Sr | 3     | 0     |      |      |
| Dunsummit                                    | 1019.1 | 0                                            | SW                | 4            | 0                          | 63       | 65                 | 6                          | -              | -                          | 0           | 0                          | 0           | 1018.2                                        | -1                | SW                                           | 3      | 0                                   | 67        | 85         | 8              | -                          | -      | 0    | C-Cu | 3     | 3     |      |      |
| Jersey                                       | 1019.8 | 0                                            | S                 | 2            | 0                          | 67       | 75                 | 8                          | 4000           | Str                        | 10          | 10                         | 10          | 1018.6                                        | 0                 | SW                                           | 3      | 0                                   | 69        | 75         | 8              | 4000                       | Str    | 8    | -    | 8     | 0     |      |      |
| LONDON OBSERVATIONS.                         |        | WEATHER.                                     |                   |              | TEMPERATURE.               |          |                    | RAIN-FALL.                 |                | SUN-SHINE.                 |             | HUMIDITY.                  |             | ATMOSPHERIC POLLUTION.                        |                   |                                              |        | FOLE STAR RECORD at Greenwich Obsy. |           |            |                | CODE FOR STATE OF GROUND.  |        |      |      |       |       |      |      |
|                                              |        | Morning.                                     | Afternoon.        | Night.       | Max. °F.                   | Min. °F. | Min. on Grass. °F. | Day.                       | Night.         | 1st. G.M.T.                | 2nd. G.M.T. | 1st. G.M.T.                | 2nd. G.M.T. | Milligrams of Solid Impurity per cubic metre. |                   |                                              |        | Max. Time.                          |           |            |                | to State of Ground.        |        |      |      |       |       |      |      |
| 24 hours ended 0700                          |        | 24 hours ended 0600 G.M.T.                   |                   |              | 24 hours ended 0600 G.M.T. |          |                    | 24 hours ended 0600 G.M.T. |                | 24 hours ended 0600 G.M.T. |             | 24 hours ended 0600 G.M.T. |             | 24 hours ended 1800 G.M.T.                    |                   |                                              |        | 24 hours ended 1800 G.M.T.          |           |            |                | 24 hours ended 1800 G.M.T. |        |      |      |       |       |      |      |
| Croydon                                      |        | bc                                           | etbc              | bbw          | .                          | .        | 56                 | 0                          | 2              | 2                          | 6           | 43                         | 58          | South Kensington                              |                   |                                              |        | Max. Time.                          |           |            |                | to State of Ground.        |        |      |      |       |       |      |      |
| Greenwich (Royal Obsy.)                      |        | bc                                           | etbc              | bbw          | .                          | .        | 56                 | 0                          | 2              | 2                          | 6           | 43                         | 58          | Max. Time.                                    |                   |                                              |        | to State of Ground.                 |           |            |                | to State of Ground.        |        |      |      |       |       |      |      |
| City (Humbly Row)                            |        | bc                                           | etbc              | bbw          | .                          | .        | 56                 | 0                          | 2              | 2                          | 6           | 43                         | 58          | Max. Time.                                    |                   |                                              |        | to State of Ground.                 |           |            |                | to State of Ground.        |        |      |      |       |       |      |      |
| Westminster (St. James' Pl.)                 |        | bc                                           | etbc              | bbw          | .                          | .        | 56                 | 0                          | 2              | 2                          | 6           | 43                         | 58          | Max. Time.                                    |                   |                                              |        | to State of Ground.                 |           |            |                | to State of Ground.        |        |      |      |       |       |      |      |
| Regent's Pl. (Botanic Gdn.)                  |        | bc                                           | etbc              | bbw          | .                          | .        | 56                 | 0                          | 2              | 2                          | 6           | 43                         | 58          | Max. Time.                                    |                   |                                              |        | to State of Ground.                 |           |            |                | to State of Ground.        |        |      |      |       |       |      |      |
| Garden Square                                |        | bc                                           | etbc              | bbw          | .                          | .        | 56                 | 0                          | 2              | 2                          | 6           | 43                         | 58          | Max. Time.                                    |                   |                                              |        | to State of Ground.                 |           |            |                | to State of Ground.        |        |      |      |       |       |      |      |
| Kensington Palace                            |        | bc                                           | etbc              | bbw          | .                          | .        | 56                 | 0                          | 2              | 2                          | 6           | 43                         | 58          | Max. Time.                                    |                   |                                              |        | to State of Ground.                 |           |            |                | to State of Ground.        |        |      |      |       |       |      |      |
| Hampton Observatory                          |        | bc                                           | etbc              | bbw          | .                          | .        | 56                 | 0                          | 2              | 2                          | 6           | 43                         | 58          | Max. Time.                                    |                   |                                              |        | to State of Ground.                 |           |            |                | to State of Ground.        |        |      |      |       |       |      |      |
| RADIO DISTURBANCES (Atmospheric) AT CROYDON. |        | Type.                                        |                   | No. of Dist. |                            | Dist.    |                    | Dist.                      |                | Dist.                      |             | Dist.                      |             | Dist.                                         |                   |                                              |        | Dist.                               |           |            |                | Dist.                      |        |      |      |       |       |      |      |
| 1st.                                         |        | Cg                                           |                   | 8            |                            | 130      |                    | 130                        |                | 130                        |             | 130                        |             | 130                                           |                   |                                              |        | 130                                 |           |            |                | 130                        |        |      |      |       |       |      |      |
| 2nd.                                         |        | Cg                                           |                   | 8            |                            | 130      |                    | 130                        |                | 130                        |             | 130                        |             | 130                                           |                   |                                              |        | 130                                 |           |            |                | 130                        |        |      |      |       |       |      |      |
| 3rd.                                         |        | Cg                                           |                   | 8            |                            | 130      |                    | 130                        |                | 130                        |             | 130                        |             | 130                                           |                   |                                              |        | 130                                 |           |            |                | 130                        |        |      |      |       |       |      |      |
| 4th.                                         |        | Cg                                           |                   | 8            |                            | 130      |                    | 130                        |                | 130                        |             | 130                        |             | 130                                           |                   |                                              |        | 130                                 |           |            |                | 130                        |        |      |      |       |       |      |      |
| 5th.                                         |        | Cg                                           |                   | 8            |                            | 130      |                    | 130                        |                | 130                        |             | 130                        |             | 130                                           |                   |                                              |        | 130                                 |           |            |                | 130                        |        |      |      |       |       |      |      |
| 6th.                                         |        | Cg                                           |                   | 8            |                            | 130      |                    | 130                        |                | 130                        |             | 130                        |             | 130                                           |                   |                                              |        | 130                                 |           |            |                | 130                        |        |      |      |       |       |      |      |
| 7th.                                         |        | Cg                                           |                   | 8            |                            | 130      |                    | 130                        |                | 130                        |             | 130                        |             | 130                                           |                   |                                              |        | 130                                 |           |            |                | 130                        |        |      |      |       |       |      |      |
| 8th.                                         |        | Cg                                           |                   | 8            |                            | 130      |                    | 130                        |                | 130                        |             | 130                        |             | 130                                           |                   |                                              |        | 130                                 |           |            |                | 130                        |        |      |      |       |       |      |      |
| 9th.                                         |        | Cg                                           |                   | 8            |                            | 130      |                    | 130                        |                | 130                        |             | 130                        |             | 130                                           |                   |                                              |        | 130                                 |           |            |                | 130                        |        |      |      |       |       |      |      |
| 10th.                                        |        | Cg                                           |                   | 8            |                            | 130      |                    | 130                        |                | 130                        |             | 130                        |             | 130                                           |                   |                                              |        | 130                                 |           |            |                | 130                        |        |      |      |       |       |      |      |
| 11th.                                        |        | Cg                                           |                   | 8            |                            | 130      |                    | 130                        |                | 130                        |             | 130                        |             | 130                                           |                   |                                              |        | 130                                 |           |            |                | 130                        |        |      |      |       |       |      |      |
| 12th.                                        |        | Cg                                           |                   | 8            |                            | 130      |                    | 130                        |                | 130                        |             | 130                        |             | 130                                           |                   |                                              |        | 130                                 |           |            |                | 130                        |        |      |      |       |       |      |      |
| 13th.                                        |        | Cg                                           |                   | 8            |                            | 130      |                    | 130                        |                | 130                        |             | 130                        |             | 130                                           |                   |                                              |        | 130                                 |           |            |                | 130                        |        |      |      |       |       |      |      |
| 14th.                                        |        | Cg                                           |                   | 8            |                            | 13">     |                    |                            |                |                            |             |                            |             |                                               |                   |                                              |        |                                     |           |            |                |                            |        |      |      |       |       |      |      |

## LONDON OBSERVATIONS.

| WEATHER.                                   |            | TEMPERATURE. |          |          | HUMIDITY.      |             | ATMOSPHERIC POLLUTION. |                                               | FOUL STATE RECORDED at Greenwich Obs. |            | CODE FOR STATE OF GROUND. |               |
|--------------------------------------------|------------|--------------|----------|----------|----------------|-------------|------------------------|-----------------------------------------------|---------------------------------------|------------|---------------------------|---------------|
| Morning.                                   | Afternoon. | Night.       | Max. °F. | Min. °F. | Min. on Grass. | 10h. G.M.T. | 15h. G.M.T.            | Milligrams of Solid Impurity per cubic metre. | Max. Time.                            | Min. Time. | 1=Dry ground.             | 2=Wet ground. |
| 24 HOURS ENDED 000 G.M.T. 15 <sup>th</sup> |            |              |          |          |                |             |                        |                                               |                                       |            |                           |               |
| Kew                                        | bc         | cbcb         | 85       | 61       | 51             | 56          | 59                     | 2.6                                           | 5.9                                   | 6.2        | 43                        | 58            |
| Croydon                                    | bc         | cbcb         | 85       | 61       | 51             | 56          | 59                     | 2.6                                           | 5.9                                   | 6.2        | 43                        | 58            |
| Greenwich (Royal Obs.)                     | bc         | cbcb         | 85       | 61       | 51             | 56          | 59                     | 2.6                                           | 5.9                                   | 6.2        | 43                        | 58            |
| City (Bunhill Row)                         | bc         | cbcb         | 85       | 61       | 51             | 56          | 59                     | 2.6                                           | 5.9                                   | 6.2        | 43                        | 58            |
| Westminster (St. James' Pl.)               | bc         | cbcb         | 85       | 61       | 51             | 56          | 59                     | 2.6                                           | 5.9                                   | 6.2        | 43                        | 58            |
| Regent's Pl. (Botanic Gdn.)                | bc         | cbcb         | 85       | 61       | 51             | 56          | 59                     | 2.6                                           | 5.9                                   | 6.2        | 43                        | 58            |
| Camden Square                              | bc         | cbcb         | 85       | 61       | 51             | 56          | 59                     | 2.6                                           | 5.9                                   | 6.2        | 43                        | 58            |
| Kensington Palace                          | bc         | cbcb         | 85       | 61       | 51             | 56          | 59                     | 2.6                                           | 5.9                                   | 6.2        | 43                        | 58            |
| Hamstead Observatory                       | bc         | cbcb         | 85       | 61       | 51             | 56          | 59                     | 2.6                                           | 5.9                                   | 6.2        | 43                        | 58            |

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

| STATIONS. |  | Sunrise, Noon, Sunset. |        |        |
|-----------|--|------------------------|--------|--------|
|           |  | G.M.T.                 | G.M.T. | G.M.T. |
| Farnmouth |  | 3.49                   | 11.59  | 8.9    |
| Greenwich |  | 4.2                    | 12.6   | 8.10   |
| Wick      |  | 3.31                   | 12.18  | 9.4    |
| Valencia  |  | 4.39                   | 12.47  | 8.54   |

## BRADFORD NOTATION OF WEATHER.

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

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

Capital letters indicate intensity, suffix e indicates slight and repetition of letters continuity, thus: R = heavy rain. rr = continuous moderate rain. rfo = continuous light rain.

## THE BRADFORD SCALE OF WIND.

WIND is used only for surface observations. In the



| SUMMARIES FOR THE PAST 24 HOURS |                            |                             |                             |                           |                       |                         |                     |                  |                  |                         |                         |        | SUN.<br>14 <sup>th</sup><br>Hours. |
|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|-----------------------|-------------------------|---------------------|------------------|------------------|-------------------------|-------------------------|--------|------------------------------------|
| STATIONS.                       | WEATHER.                   |                             |                             |                           | TEMPERATURE.          |                         |                     | RAINFALL.        |                  |                         |                         | Hours. |                                    |
|                                 | 7h-12h<br>14 <sup>th</sup> | 12h-12h<br>14 <sup>th</sup> | 12h-12h<br>14 <sup>th</sup> | 1h-7h<br>15 <sup>th</sup> | MAX.<br>Day<br>7h-12h | MIN.<br>Night<br>12h-7h | MIN.<br>on<br>GRASS | Day<br>7h-12h    | Night<br>12h-7h  | Precipitation<br>began. | Precipitation<br>ended. |        |                                    |
|                                 | 14 <sup>th</sup>           | 14 <sup>th</sup>            | 14 <sup>th</sup>            | 15 <sup>th</sup>          | 14 <sup>th</sup>      | 14 <sup>th</sup>        | 14 <sup>th</sup>    | 14 <sup>th</sup> | 14 <sup>th</sup> | 14 <sup>th</sup>        | 14 <sup>th</sup>        |        |                                    |
| Lerwick ... ..                  | 0                          | c                           | 0                           | 0                         | 58                    | 52                      | .                   | .                | .                | .                       | .                       | 1.4    |                                    |
| Stornoway ... ..                | bbc                        | c                           | 0                           | 0                         | 58                    | 52                      | .                   | .                | .                | .                       | .                       | 3.1    |                                    |
| Wick ... ..                     | 00                         | 00                          | 0                           | 0                         | 58                    | 52                      | .                   | .                | .                | .                       | .                       | 4.8    |                                    |
| Orkney ... ..                   | cz                         | cz                          | 0                           | 0                         | 58                    | 52                      | .                   | .                | 0.6              | .                       | .                       | 11.4   |                                    |
| Nairn ... ..                    | bc                         | bcb                         | bccg                        | cwq                       | 70                    | 54                      | .                   | .                | .                | .                       | .                       | 1.0    |                                    |
| Aberdeen ... ..                 | 00                         | 00                          | 00                          | 00                        | 62                    | 53                      | 54                  | .                | .                | .                       | .                       | .      |                                    |
| Malin Head ... ..               | bzc0                       | 02                          | 0mm                         | wjfo                      | 50                    | 54                      | .                   | .                | 0.3              | .                       | 24.00                   | 3.2    |                                    |
| Renfrew ... ..                  | 02                         | 02                          | 030                         | 0                         | 68                    | 54                      | 54                  | .                | .                | .                       | .                       | 5.4    |                                    |
| Edinburgh (Inchkeith) ... ..    | 00                         | 00                          | 0                           | 0                         | 62                    | 52                      | 55                  | .                | .                | .                       | .                       | 2.3    |                                    |
| Leuchars ... ..                 | 00                         | 00                          | 00                          | 0m                        | 62                    | 52                      | 55                  | .                | .                | .                       | .                       | 3.4    |                                    |
| Baldernair ... ..               | 00                         | 00                          | 00                          | 0m                        | 68                    | 55                      | 55                  | .                | .                | Trace                   | .                       | 4.3    |                                    |
| Tynemouth ... ..                | 00m                        | 00m                         | 0m                          | 0m                        | 53                    | 50                      | 54                  | .                | .                | .                       | .                       | .      |                                    |
| Blackhead Point ... ..          | 00                         | 00                          | 0                           | 0                         | 60                    | 53                      | .                   | .                | .                | .                       | .                       | .      |                                    |
| Doraghadee ... ..               | bc                         | bcm                         | 0                           | 0                         | 66                    | 54                      | .                   | .                | .                | .                       | .                       | .      |                                    |
| Birr Castle ... ..              | 02                         | 02                          | 0                           | 0                         | 70                    | 56                      | 54                  | .                | .                | .                       | .                       | 1.6    |                                    |
| Holyhead ... ..                 | bmbz                       | bz                          | bcc                         | offe                      | 41                    | 56                      | 56                  | .                | .                | .                       | .                       | 12.8   |                                    |
| Liverpool (Bidston) ... ..      | brem                       | bcm                         | 0                           | 0                         | 48                    | 60                      | 60                  | .                | .                | Trace                   | .                       | 10.4   |                                    |
| Chester (Shotwick) ... ..       | bcombz                     | bcoz                        | 0m                          | 0m                        | 77                    | 61                      | 58                  | .                | .                | Trace                   | .                       | 05.30  |                                    |
| Spurn Head ... ..               | f-m                        | 00                          | f-m                         | 0                         | 63                    | 56                      | .                   | .                | .                | .                       | .                       | 0.0    |                                    |
| Birmingham (Edgbaston) ... ..   | fm                         | tr                          | f-m                         | 0                         | 68                    | 59                      | 51                  | .                | 38               | .                       | 21.00                   | 0.0    |                                    |
| Nottingham ... ..               | 00                         | 00                          | 0                           | 0m                        | 65                    | 59                      | 51                  | .                | .                | .                       | .                       | 0.0    |                                    |
| Oranwell ... ..                 | 00mm                       | 00                          | 0                           | 0m                        | 66                    | 59                      | 53                  | .                | Trace            | .                       | .                       | 0.0    |                                    |
| Gorleston ... ..                | 00pc                       | 00                          | 0                           | 0                         | 80                    | 59                      | .                   | 0.5              | .                | 09.00                   | .                       | 0.1    |                                    |
| Valencia (Cahiroveon) ... ..    | bbc                        | bcc                         | c                           | 0                         | 66                    | 55                      | 51                  | .                | 4                | .                       | 04.30                   | 7.1    |                                    |
| Boohie Point ... ..             | bc                         | bc                          | 0                           | 0                         | 63                    | 55                      | .                   | .                | .                | .                       | .                       | .      |                                    |
| Pembroke (St. Ann's H.) ... ..  | f-m                        | c                           | f                           | 0                         | 65                    | 54                      | .                   | 0.1              | .                | <0.00                   | .                       | 7.6    |                                    |
| Ross-on-Wye ... ..              | 0m                         | 0m                          | qncb                        | bmm                       | 71                    | 53                      | 49                  | .                | .                | .                       | .                       | 0.0    |                                    |
| Benson ... ..                   | cz                         | 0                           | 0                           | 0                         | 78                    | 56                      | 49                  | .                | .                | .                       | .                       | .      |                                    |
| Andover ... ..                  | 0f                         | 00                          | 0f                          | 0                         | 81                    | 66                      | 55                  | .                | 0.5              | 09.00                   | 21.00                   | 3.2    |                                    |
| S. Farnborough ... ..           | 00                         | 00                          | 0                           | 0                         | 81                    | 64                      | 56                  | .                | .                | 07.00                   | .                       | 2.6    |                                    |
| London (Kew Obs.) ... ..        | 0c                         | 0c                          | 0                           | 0                         | 80                    | 61                      | 57                  | .                | 0.2              | <0.00                   | .                       | 5.9    |                                    |
| Oxford ... ..                   | 0f                         | 00                          | 0f                          | 0                         | 81                    | 67                      | 54                  | .                | .                | 09.00                   | .                       | 2.5    |                                    |
| Clacton-on-Sea ... ..           | 0f                         | 00                          | 0f                          | 0                         | 84                    | 68                      | 44                  | .                | .                | .                       | .                       | 8.8    |                                    |
| Shoeburyness ... ..             | 0f                         | 00                          | 0f                          | 0                         | 83                    | 58                      | 52                  | .                | .                | .                       | .                       | 10.0   |                                    |
| Grain ... ..                    | 0f                         | 00                          | 0f                          | 0                         | 83                    | 58                      | 52                  | .                | .                | .                       | .                       | 12.4   |                                    |
| Lymington ... ..                | 0f                         | 00                          | 0f                          | 0                         | 79                    | 54                      | 50                  | .                | .                | Trace                   | .                       | .      |                                    |
| Silly (St. Mary's) ... ..       | 0f                         | 00                          | 0f                          | 0                         | 65                    | 54                      | .                   | 0.5              | .                | 02.30                   | .                       | 0.5    |                                    |
| Falmouth (Pendennis) ... ..     | 0f                         | 00                          | 0f                          | 0                         | 64                    | 60                      | 54                  | .                | .                | .                       | .                       | 5.3    |                                    |
| Plymouth (Cattewater) ... ..    | 0f                         | 00                          | 0f                          | 0                         | 66                    | 60                      | 54                  | .                | 0.1              | 17.30                   | 21.00                   | 5.9    |                                    |
| Portland Bill ... ..            | 0f                         | 00                          | 0f                          | 0                         | 64                    | 60                      | 54                  | .                | .                | .                       | .                       | .      |                                    |
| Southampton (Calshot) ... ..    | 0m                         | 00                          | 0m                          | 0                         | 64                    | 60                      | 54                  | .                | .                | .                       | .                       | 5.2    |                                    |
| Dungeness ... ..                | 0c                         | 0c                          | 0                           | 0                         | 64                    | 60                      | 54                  | .                | .                | .                       | .                       | .      |                                    |
| Jersey ... ..                   | 0c                         | 0c                          | 0                           | 0                         | 64                    | 60                      | 54                  | .                | .                | .                       | .                       | 5.3    |                                    |



| Observations from Cross Channel Steamers |               |           |  | Wind. |       | Weather. |  | Temp. |     |
|------------------------------------------|---------------|-----------|--|-------|-------|----------|--|-------|-----|
| Position                                 | Date and Time | Steamship |  | Dir.  | Force |          |  | Air   | Sea |
| 2                                        | 4h 10m        | Anglia    |  | N     | 5     | b3       |  | 55    | 55  |
| 1                                        | 4h 10m        | Reindeer  |  | -     | 0     | b3       |  | 68    | 56  |
| 3                                        | 5h 20m        | Dreppa    |  | -     | 0     | b        |  | 60    | 53  |

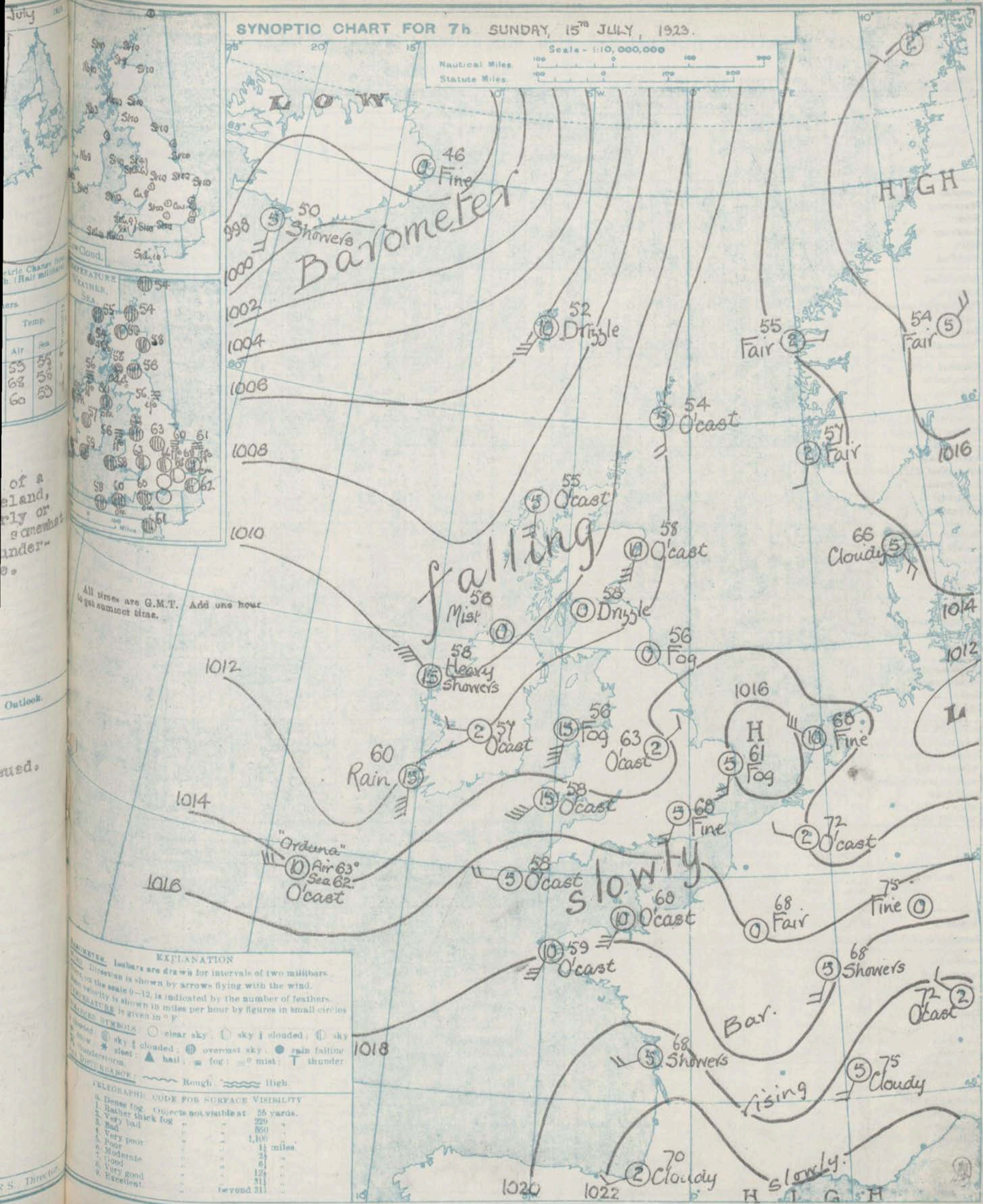
## GENERAL INFERENCE.

Under the influence of a large depression near Iceland, winds will be southwesterly or westerly for a time with somewhat cooler weather. Local thunderstorms are still probable.

| Districts.                | Forecasts for the 24 hours commencing 15h G.M.T. Sunday, 15th July, 1923.                                           | Further Outlook. |
|---------------------------|---------------------------------------------------------------------------------------------------------------------|------------------|
| 1. S.E. England           | Light W. or S.W. winds; variable skies, thunderstorms in places; coastal mist locally; warm.                        | None issued.     |
| 2. E. England             |                                                                                                                     |                  |
| 3. E. Midlands            |                                                                                                                     |                  |
| 4. W. Midlands            |                                                                                                                     |                  |
| 5. S.W. England           |                                                                                                                     |                  |
| 6. South Wales            |                                                                                                                     |                  |
| 7. North Wales            | Light or moderate southwesterly to westerly winds; cloudy, local rain or drizzle; visibility moderate; rather warm. |                  |
| 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          |                                                                                                                     |                  |



SYNOPTIC CHART FOR 7h SUNDAY, 15<sup>th</sup> JULY, 1923.



| Temp |     |
|------|-----|
| Air  | Sea |
| 53   | 55  |
| 62   | 56  |
| 60   | 59  |

**EXPLANATION**

**BAROMETER:** Isobars are drawn for intervals of two millibars. Direction is shown by arrows flying with the wind.

**WIND:** On the scale 0-12, is indicated by the number of feathers.

**WIND VELOCITY:** is shown in miles per hour by figures in small circles.

**TEMPERATURE:** is given in ° F.

**SKYED SYMBOLS:**

|        |                 |      |                 |        |                 |
|--------|-----------------|------|-----------------|--------|-----------------|
| ☉      | clear sky       | ☁    | sky 1/4 clouded | ☁☁     | sky 2/4 clouded |
| ☁☁☁    | sky 3/4 clouded | ☁☁☁☁ | overcast sky    | ☔      | rain fallow     |
| ☁☁☁☁☁  | under storm     | ▲    | hail            | ☁      | fog             |
| ☁☁☁☁☁☁ |                 | ☁☁   | mist            | ☁☁☁☁☁☁ | thunder         |

**WIND DIRECTION:**

|       |       |       |      |
|-------|-------|-------|------|
| ~~~~~ | Rough | ~~~~~ | High |
|-------|-------|-------|------|

**ALLEGORICAL CODE FOR SURFACE VISIBILITY**

|                     |                        |                 |
|---------------------|------------------------|-----------------|
| a. Dense fog        | Objects not visible at | 55 yards.       |
| 1. Rather thick fog | "                      | 220 "           |
| 2. Very bad         | "                      | 850 "           |
| 3. Bad              | "                      | 1,100 "         |
| 4. Very poor        | "                      | 1 1/2 miles.    |
| 5. Poor             | "                      | 2 1/2 "         |
| 6. Moderate         | "                      | 6 "             |
| 7. Good             | "                      | 12 1/2 "        |
| 8. Very good        | "                      | 31 1/2 "        |
| 9. Excellent        | "                      | beyond 31 1/2 " |



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION. SUNDAY 15<sup>TH</sup> JULY

1923.

No. 196

| STATIONS.                   | Height above M.S.L. in feet. | Observations at 0100 G.M.T. 15 <sup>TH</sup> |                    |        |        |          |           |              |                  |         |       |            | Observations at 0700 G.M.T. 15 <sup>TH</sup> |                    |        |        |          |           |              |                  |         |       |            |     |     |
|-----------------------------|------------------------------|----------------------------------------------|--------------------|--------|--------|----------|-----------|--------------|------------------|---------|-------|------------|----------------------------------------------|--------------------|--------|--------|----------|-----------|--------------|------------------|---------|-------|------------|-----|-----|
|                             |                              | Barom. at M.S.L.                             | Change in 3 Hours. | Wind.  |        | Weather. | Temp. °F. | Humidity. %. | Visibility. 0-6. | Cloud.  |       |            | Barom. at M.S.L.                             | Change in 3 Hours. | Wind.  |        | Weather. | Temp. °F. | Humidity. %. | Visibility. 0-6. | Cloud.  |       |            |     |     |
|                             |                              |                                              |                    | Direc. | Force. |          |           |              |                  | Height. | Form. | Total Amt. |                                              |                    | Direc. | Force. |          |           |              |                  | Height. | Form. | Total Amt. |     |     |
|                             |                              |                                              |                    |        |        |          |           |              |                  |         |       |            |                                              |                    |        |        |          |           |              |                  |         |       |            |     |     |
| Lerwick ...                 | 54                           | 1016.0                                       | -3                 | S      | 2      | 0        | 58        | 83           | 4                | 2500    | St    | 4          | ASr                                          | 10                 | 1012.5 | 3      | SE       | 2         | 0            | 58               | 83      | 4     | ASr        | 10  |     |
| Stornoway ...               | 51                           | 1012.2                                       | -2                 | S      | 0      | 0        | 58        | 83           | 4                | 2500    | St    | 4          | ASr                                          | 10                 | 1009.4 | 3      | S        | 2         | 0            | 58               | 83      | 4     | ASr        | 10  |     |
| Wick ...                    | 91                           | 1012.0                                       | -4                 | S      | 3      | 0        | 58        | 83           | 4                | 2500    | St    | 4          | ASr                                          | 10                 | 1009.2 | 3      | SW       | 2         | 0            | 58               | 83      | 4     | ASr        | 10  |     |
| Castlebay ...               | 37                           | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | ...                                          | 1009.6             | 3      | S      | 2        | 0         | 58           | 83               | 4       | ASr   | 10         |     |     |
| Nairn ...                   | 82                           | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | ...                                          | 1009.3             | 3      | S      | 2        | 0         | 58           | 83               | 4       | ASr   | 10         |     |     |
| Aberdeen ...                | 46                           | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | ...                                          | 1011.0             | 3      | S      | 3        | 0         | 58           | 83               | 4       | ASr   | 10         |     |     |
| Malin Head ...              | 71                           | 1014.3                                       | -1                 | WSW    | 1      | 0        | 56        | 84           | 4                | 1500    | St    | 10         | 1009.9                                       | 3                  | ...    | 0      | mm       | 56        | 84           | 4                | 4000    | Nb    | 3          | ASr | 10  |
| RAF ...                     | 49                           | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | 1011.2                                       | 3                  | ...    | 0      | ...      | 56        | 84           | 4                | 800     | Nb    | 10         | ... | 10  |
| Edinburgh (Inchkeith) ...   | 190                          | 1015.2                                       | -3                 | NE     | 3      | 0        | 55        | 84           | 8                | ...     | ...   | 0          | ASr                                          | 10                 | 1011.4 | 3      | NE       | 3         | 0            | 55               | 84      | 8     | ...        | 10  |     |
| Leuchars ...                | 36                           | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | 1011.2                                       | 3                  | ...    | 0      | ...      | 55        | 84           | 8                | 450     | ...   | 10         | ... | 10  |
| Malden ...                  | 794                          | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | 1012.3                                       | 3                  | ...    | 0      | ...      | 55        | 84           | 8                | 450     | ...   | 10         | ... | 10  |
| Tynemouth ...               | 118                          | 1016.5                                       | -3                 | ...    | 0      | 0        | 56        | 82           | 6                | 800     | Nb    | 10         | 1009.9                                       | 3                  | ...    | 0      | ...      | 56        | 82           | 6                | 450     | ...   | 10         | ... | 10  |
| Blackod Point ...           | 10                           | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | 1010.1                                       | -3                 | NW     | 4      | ...      | 58        | 83           | 4                | ...     | ...   | 10         | ASr | 10  |
| Donaghadee ...              | 35                           | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | 1012.2                                       | ...                | ...    | 0      | ...      | 58        | 83           | 4                | ...     | ...   | 10         | ... | 10  |
| Birr Castle ...             | 175                          | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | 1012.0                                       | ...                | ...    | 0      | ...      | 58        | 83           | 4                | 2500    | ...   | 10         | ... | 10  |
| Holyhead ...                | 26                           | 1015.4                                       | -2                 | S      | 4      | 0        | 59        | 82           | 4                | 2500    | St    | 10         | 1013.6                                       | -1                 | SW     | 4      | ...      | 59        | 82           | 4                | 1500    | ...   | 10         | ... | 10  |
| Liverpool (Bidston) ...     | 189                          | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | 1013.1                                       | ...                | SW     | 1      | ...      | 59        | 82           | 4                | 2500    | ...   | 10         | ... | 10  |
| Chester (Shotwick) ...      | 16                           | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | 1013.2                                       | ...                | ...    | 0      | ...      | 59        | 82           | 4                | 2500    | ...   | 10         | ... | 10  |
| Spurn Head ...              | 26                           | 1016.0                                       | -2                 | NW     | 3      | 0        | 57        | 84           | 6                | 800     | St    | 10         | 1014.1                                       | -3                 | SE     | 1      | ...      | 59        | 82           | 6                | 800     | St    | 10         | ACu | 10  |
| Birmingham (Edgbaston) ...  | 525                          | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | 1014.2                                       | ...                | SW     | 2      | ...      | 59        | 82           | 6                | ...     | ...   | 10         | ... | 10  |
| Nottingham ...              | 82                           | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | 1013.6                                       | ...                | NE     | 1      | ...      | 59        | 82           | 6                | 1500    | St    | 10         | ... | 10  |
| Cranwell ...                | 237                          | 1014.5                                       | -1                 | ...    | 0      | 0        | 59        | 84           | 6                | 800     | St    | 10         | 1014.9                                       | ...                | SE     | 1      | ...      | 59        | 82           | 6                | 450     | ...   | 10         | ... | 10  |
| Gorleston ...               | 13                           | 1017.2                                       | -1                 | ...    | 0      | 6        | 62        | 82           | 5                | 4000    | St    | 2          | 1016.0                                       | -1                 | SW     | 2      | ...      | 61        | 82           | 5                | 1500    | ...   | 10         | ... | 10  |
| Valencia (Cahisiveen) ...   | 30                           | 1014.4                                       | -2                 | W      | 1      | 0        | 57        | 84           | 8                | ...     | St    | 4          | 1012.3                                       | -4                 | SE     | 4      | ...      | 58        | 82           | 6                | 450     | St    | 10         | ... | 10  |
| Booker Point ...            | 32                           | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | 1012.8                                       | ...                | SW     | 1      | ...      | 59        | 82           | 6                | 2500    | ...   | 10         | ... | 10  |
| Pembroke (St. Ann's H.) ... | 149                          | 1014.0                                       | -1                 | S      | 2      | mb       | 58        | 84           | 4                | ...     | ...   | 0          | 1015.8                                       | ...                | SW     | 4      | ...      | 58        | 82           | 6                | 1500    | ...   | 10         | ... | 10  |
| Ross-on-Wye ...             | 223                          | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | 1014.8                                       | ...                | SW     | 2      | ...      | 58        | 82           | 6                | 4000    | ...   | 10         | ACu | 10  |
| Benson ...                  | 188                          | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | 1014.6                                       | ...                | SW     | 2      | ...      | 58        | 82           | 6                | ...     | ...   | 10         | ... | 10  |
| Audover ...                 | 295                          | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | 1015.1                                       | ...                | W      | 3      | ...      | 58        | 82           | 6                | 800     | St    | 10         | ... | 10  |
| S. Farnborough ...          | 230                          | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | 1015.1                                       | ...                | W      | 2      | ...      | 58        | 82           | 6                | ...     | ...   | 10         | ACu | 10  |
| London (Kew Obs.) ...       | 18                           | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | 1014.9                                       | ...                | SW     | 1      | ...      | 58        | 82           | 6                | 4000    | ...   | 10         | ACu | 10  |
| Oxleyden ...                | 244                          | 1014.0                                       | -1                 | SW     | 2      | 6        | 63        | 82           | 6                | ...     | ...   | 0          | 1015.1                                       | ...                | SW     | 1      | ...      | 58        | 82           | 6                | 3000    | ...   | 10         | ACu | 10  |
| Olveston-on-Sea ...         | 54                           | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | 1014.9                                       | ...                | W      | 1      | ...      | 58        | 82           | 6                | ...     | ...   | 10         | ACu | 10  |
| Shoeburyness ...            | 11                           | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | 1014.5                                       | ...                | SW     | 1      | ...      | 58        | 82           | 6                | ...     | ...   | 10         | ACu | 10  |
| Grain ...                   | 20                           | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | 1014.3                                       | ...                | SW     | 2      | ...      | 58        | 82           | 6                | ...     | ...   | 10         | ACu | 10  |
| Lymington ...               | 350                          | 1014.6                                       | 0                  | SW     | 2      | 6        | 61        | 85           | 8                | ...     | ...   | 0          | 1015.3                                       | ...                | SW     | 2      | ...      | 58        | 82           | 6                | ...     | ...   | 10         | ACu | 10  |
| Billy (St. Mary's) ...      | 131                          | 1013.4                                       | 0                  | W      | 1      | 0        | 59        | 84           | 4                | 4000    | St    | 10         | 1017.2                                       | ...                | W      | 2      | ...      | 58        | 82           | 6                | 4000    | St    | 10         | ... | 10  |
| Falmouth (Pendennis) ...    | 200                          | 1013.4                                       | -1                 | W      | 3      | 0        | 61        | 85           | 4                | 4000    | St    | 10         | 1016.9                                       | ...                | W      | 2      | ...      | 58        | 82           | 6                | 1500    | St    | 10         | ... | 10  |
| Plymouth (Cattewater) ...   | 82                           | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | 1016.9                                       | ...                | SW     | 2      | ...      | 58        | 82           | 6                | 800     | St    | 10         | ... | 10  |
| Portland Bill ...           | 19                           | 1014.2                                       | -2                 | NW     | 1      | ...      | 60        | 84           | 3                | ...     | ...   | 0          | 1015.8                                       | ...                | SW     | 2      | ...      | 58        | 82           | 6                | 450     | St    | 10         | ... | 10  |
| Southampton (Cahoon) ...    | 12                           | 1014.2                                       | -1                 | SW     | 2      | ...      | 61        | 84           | 3                | ...     | ...   | 0          | 1015.8                                       | ...                | SW     | 2      | ...      | 58        | 82           | 6                | 1500    | St    | 10         | ... | 10  |
| Dungeness ...               | 21                           | 1014.4                                       | -1                 | SW     | 2      | ...      | 62        | 84           | 8                | 500     | ...   | 2          | 1015.8                                       | ...                | SW     | 2      | ...      | 58        | 82           | 6                | ...     | ...   | 10         | ... | 10  |
| Jersey (H.) ...             | 25                           | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | 1014.4                                       | ...                | SW     | 3      | ...      | 58        | 82           | 6                | 4000    | St    | 10         | ... | 10  |
| Guernsey (H.) ...           | ...                          | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | ...                                          | ...                | ...    | ...    | ...      | ...       | ...          | ...              | ...     | ...   | ...        | ... | ... |

| WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 14 <sup>TH</sup> |            |             |                    |               |              |         |                |                        |                           |            |             |                    |               |              |         |                |                        |
|------------------------------------------------------------------------------------|------------|-------------|--------------------|---------------|--------------|---------|----------------|------------------------|---------------------------|------------|-------------|--------------------|---------------|--------------|---------|----------------|------------------------|
| STATIONS.                                                                          | WEATHER.   |             | TEMPERATURE.       |               | RAINFALL†    |         | SUNSHINE.      |                        | STATIONS.                 | WEATHER.   |             | TEMPERATURE.       |               | RAINFALL†    |         | SUNSHINE.      |                        |
|                                                                                    | Fore-noon. | After-noon. | Min. Night. 13-14. | Max. Day. 14. | Night 13-14. | Day 14. | Sunrise to 14. | Sunrise to Sunset. 13. |                           | Fore-noon. | After-noon. | Min. Night. 13-14. | Max. Day. 14. | Night 13-14. | Day 14. | Sunrise to 14. | Sunrise to Sunset. 13. |
| Montrose ...                                                                       | obc        | bcco        | 46                 | 60            | ...          | ...     | 1.6            | 9.7                    | Ilfracombe ...            | ofcbc      | bccf        | 60                 | 62            | ...          | ...     | 5.0            | 4.8                    |
| Berwick-on-Tweed                                                                   | bcco       | 0           | 55                 | 60            | ...          | ...     | 1.7            | 12.0                   | Bude ...                  | om         | an          | 57                 | 58            | 15           | 0.1     | 0.0            | 5.4                    |
| Llandudno ...                                                                      | b          | b           | 58                 | 77            | ...          | ...     | 9.2            | 11.6                   | Penzance ...              | obcz       | bc          | 58                 | 62            | ...          | ...     | 5.3            | 9.5                    |
| Colwyn Bay ...                                                                     | bc         | bc          | 62                 | 82            | ...          | ...     | 10.2           | 11.4                   | Paignton ...              | bcm        | bcccg       | 61                 | 64            | ...          | ...     | 4.6            | 10.2                   |
| Rhyl ...                                                                           | bc         | bc          | 59                 | 82            | ...          | ...     | 10.8           | 10.8                   | Terquay ...               | bcmc       | b           | 64                 | 60            | ...          | ...     | 3.4            | 12.3                   |
| Southport ...                                                                      | b          | bcco        | 61                 | 75            | ...          | ...     | 11.3           | 8.6                    | Weymouth ...              | qebc       | cbc         | 60                 | 60            | ...          | ...     | ...            | ...                    |
| Blackpool ...                                                                      | b          | b           | 59                 | 74            | ...          | ...     | 11.7           | 8.0                    | Bournemouth ...           | c          | c           | 60                 | 78            | ...          | ...     | 3.4            | 14.0                   |
| Ilkley ...                                                                         | omgo       | 0           | 58                 | 63            | ...          | ...     | 0.0            | 11.9                   | Portsmouth (S' thorn) ... | ob         | bcb         | 64                 | 80            | ...          | ...     | 6.5            | 14.2                   |
| Harrogate ...                                                                      | 0          | 0           | 56                 | 74            | ...          | ...     | 0.0            | 11.9                   | Worthing ...              | ob         | b           | 63                 | 77            | 0.5          | ...     | 6.4            | 14.1                   |
| Skeneess ...                                                                       | 0          | 0c          | 58                 | 72            | ...          | ...     | 3.6            | 9.2                    | Brighton ...              | obcb       | bc          | 63                 | 75            | 4            | ...     | 8.9            | 14.7                   |
| Aberystwyth ...                                                                    | obc        | b           | 58                 | 70            | ...          | ...     | 8.5            | 7.3                    | Eastbourne ...            | cbc        | b           | 62                 | 78            | 4            | ...     | 9.9            | 13.5                   |
| Bath ...                                                                           | mor        | obcb        | 61                 | 78            | ...          | ...     | 0.8            | 8.6                    | Hastings ...              | bc         | b           | 62                 | 79            | 12           | ...     | 8.5            | 12.6                   |
| Leamington Spa ...                                                                 | 0          | 04          | 61                 | 76            | ...          | ...     | 0.0            | 10.2                   | Folkstone ...             | bc         | bc          | 61                 | 83            | 3            | ...     | 8.5            | 12.9                   |
| Lowestoft ...                                                                      | co         | obc         | 63                 | 78            | ...          | ...     | 4.7            | 11.1                   | Tunbridge Wells ...       | trcb       | b           | 65                 | 79            | 0.1          | ...     | 7.7            | 13.6                   |
| Felixstowe ...                                                                     | omc        | oc          | 61                 | 82            | ...          | ...     | 6.5            | 12.1                   | Ramsgate ...              | trcb       | b           | 64                 | 83            | ...          | ...     | 8.3            | 13.4                   |
| Southend ...                                                                       | obc        | obcb        | 65                 | 83            | ...          | ...     | 7.0            | 13.2                   | Margate ...               | trcb       | b           | 63                 | 81            | 0.3          | ...     | ...            | ...                    |

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 14<sup>TH</sup>

| STATIONS.            | WEATHER.   |             | TEMPERATURE.      |                   | RAINFALL†      |             | SUNSHINE.       |                    | STATIONS.                 | WEATHER.   |             | TEMPERATURE. |           | RAINFALL†      |             | SUNSHINE.       |                    |
|----------------------|------------|-------------|-------------------|-------------------|----------------|-------------|-----------------|--------------------|---------------------------|------------|-------------|--------------|-----------|----------------|-------------|-----------------|--------------------|
|                      | Fore-noon. | After-noon. | Min. Night.       | Max. Day.         | Night 17h-19h. | Day 9h-17h. | Sunrise to 17h. | Sunrise to Sunset. |                           | Fore-noon. | After-noon. | Min. Night.  | Max. Day. | Night 17h-19h. | Day 9h-17h. | Sunrise to 17h. | Sunrise to Sunset. |
|                      |            |             |                   |                   |                |             |                 |                    |                           |            |             |              |           |                |             |                 |                    |
| Montrose ...         | obc        | bcco        | 46 <sup>op.</sup> | 60 <sup>op.</sup> | -              | -           | 1.6             | 9.7                | Ilfracombe ...            | ofcbe      | bccf        | 60           | 62        | 15             | 0.1         | 5.0             | 4.8                |
| Berwick-on-Tweed ... | bcco       | o           | 55                | 60                | -              | -           | 1.7             | 12.0               | Bude ...                  | qm         | an          | 57           | 63        | -              | -           | 0.0             | 5.4                |
| Llandudno ...        | b          | b           | 58                | 77                | -              | -           | 9.2             | 11.6               | Penzance ...              | ebcz       | bc          | 58           | 72        | -              | -           | 5.3             | 9.5                |
| Colwyn Bay ...       | bc         | bc          | 62                | 78                | -              | -           | 10.2            | 11.4               | Paignton ...              | bem        | bccq        | 61           | 81        | -              | -           | 4.6             | 10.3               |
| Rhyl ...             | bc         | bc          | 59                | 82                | -              | -           | 10.8            | 10.8               | Terquay ...               | bemc       | b           | 64           | 82        | -              | -           | 3.4             | 12.3               |
| Southport ...        | b          | bcco        | 61                | 75                | -              | -           | 11.3            | 8.6                | Weymouth ...              | qebc       | cbc         | 60           | 80        | -              | -           | -               | 14.0               |
| Blackpool ...        | b          | b           | 59                | 74                | -              | -           | 11.7            | 8.0                | Bournemouth ...           | c          | c           | 60           | 78        | -              | -           | 3.4             | 14.2               |
| Ilkley ...           | omgo       | o           | 58                | 63                | -              | -           | 0.0             | 11.9               | Portsmouth (S'ithoon) ... | oc         | bcb         | 64           | 80        | -              | -           | 6.5             | 14.2               |
| Harrogate ...        | o          | o           | 56                | 74                | -              | -           | 0.0             | 11.2               | Worthing ...              | ob         | b           | 63           | 77        | 0.5            | -           | 6.4             | 14.1               |
| Skagness ...         | o          | oc          | 58                | 72                | -              | -           | 3.6             | 9.2                | Brighton ...              | ocbc       | bc          | 63           | 75        | 4              | -           | 8.9             | 14.7               |
| Aberystwyth ...      | ocb        | b           | 58                | 70                | -              | -           | 8.5             | 7.3                | Eastbourne ...            | cbc        | b           | 62           | 78        | 4              | -           | 9.9             | 14.5               |
| Bath ...             | mor        | ocbc        | 61                | 78                | -              | -           | 0.8             | 8.6                | Hastings ...              | bc         | b           | 63           | 79        | -              | -           | 9.5             | 12.6               |
| Leamington Spa ...   | o          | oc          | 61                | 77                | -              | -           | 0.0             | 10.2               | Folkstone ...             | bc         | b           | 61           | 80        | 3              | -           | 9.5             | 12.9               |
| Lowestoft ...        | co         | ocb         | 63                | 78                | -              | -           | 4.7             | 11.2               | Tunbridge Wells ...       | bcb        | b           | 65           | 79        | 0.1            | -           | 1.7             | 13.6               |
| Felixstowe ...       | omc        | oc          | 61                | 82                | -              | -           | 6.5             | 12.7               | Ramsgate ...              | tlr        | b           | 65           | 83        | -              | -           | 7.7             | 13.4               |
| Southend ...         | ocbc       | ocbcb       | 65                | 83                | 1              | -           | 7.0             | 13.2               | Margate ...               | bc         | b           | 64           | 83        | -              | -           | 8.3             | -                  |
|                      |            |             |                   |                   |                |             |                 |                    | Deal ...                  | tlr        | cb          | 63           | 81        | 0.3            | -           | -               | -                  |

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\* Information for these columns not usually received.

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

‡ For code see page 2.

§ See last page.



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B2251b

Monday, 16th July 1923.

Page 1.

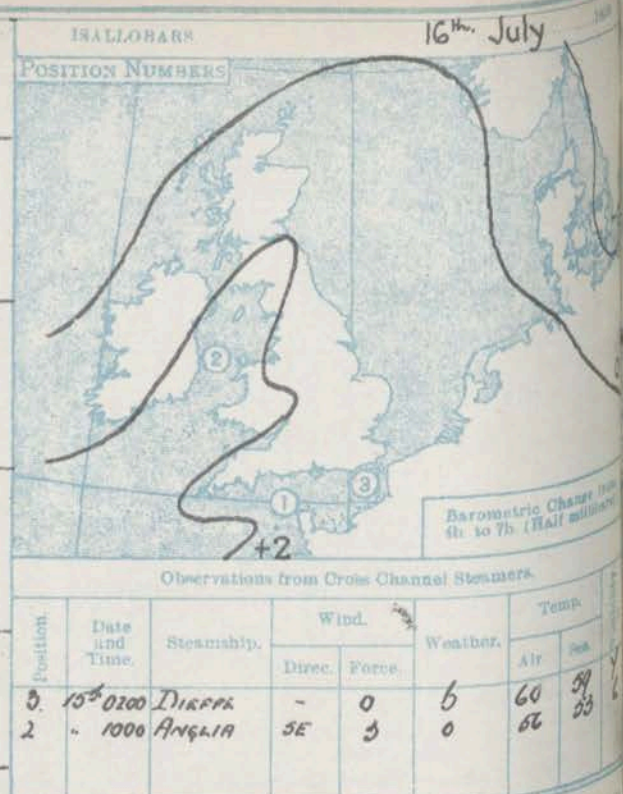
| Observations at 1800 G.M.T. |                  |                   |        |       |          |           |             |                   |        |      |       |       |                  |                   | Observations at 1800 G.M.T. |       |          |           |             |                   |        |      |       |       |      |      |        |      |      |      |      |      |    |      |     |    |      |   |    |        |     |    |   |   |    |    |   |     |    |    |   |    |        |    |    |   |   |    |    |   |     |    |    |   |    |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    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--|----|-----|---|---|----|----|---|------|----|---|---|---|--------|----|-----|---|---|----|----|---|------|----|---|---|---|--------|----|-----|---|---|----|----|---|------|----|---|---|
| STATIONS.                   | Barom. at M.S.L. | Change in 3 Hours | Wind.  |       | Weather. | Temp. °F. | Humidity. % | Visibility. Miles | Cloud. |      |       |       | Barom. at M.S.L. | Change in 3 Hours | Wind.                       |       | Weather. | Temp. °F. | Humidity. % | Visibility. Miles | Cloud. |      |       |       |      |      |        |      |      |      |      |      |    |      |     |    |      |   |    |        |     |    |   |   |    |    |   |     |    |    |   |    |        |    |    |   |   |    |    |   |     |    |    |   |    |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |
|                             |                  |                   | Direc. | Force |          |           |             |                   | Height | Form | Upper | Total |                  |                   | Direc.                      | Force |          |           |             |                   | Height | Form | Upper | Total |      |      |        |      |      |      |      |      |    |      |     |    |      |   |    |        |     |    |   |   |    |    |   |     |    |    |   |    |        |    |    |   |   |    |    |   |     |    |    |   |    |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    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|                             |                  |                   |        |       |          |           |             |                   |        |      |       |       |                  |                   |                             |       |          |           |             |                   |        |      |       |       | Feet | 0-10 | 0-10   | 0-10 | Feet | 0-10 | 0-10 | 0-10 |    |      |     |    |      |   |    |        |     |    |   |   |    |    |   |     |    |    |   |    |        |    |    |   |   |    |    |   |     |    |    |   |    |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    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     |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    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| (For heights see p. 4).     | m.b.             |                   | 0-12   |       |          |           |             | 0-3               |        |      |       | m.b.  |                  |                   | 0-12                        |       |          |           | 0-3         |                   |        |      | m.b.  |       |      | 0-12 |        |      |      | 0-3  |      |      |    | m.b. |     |    | 0-12 |   |    |        | 0-3 |    |   |   |    |    |   |     |    |    |   |    |        |    |    |   |   |    |    |   |     |    |    |   |    |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    |    |   |      |    |   |   |   |        |    |     |   |   |    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| Larwick                     | 1009.6           | -2                | SSE    | 2     | 0        | 55        | 92          | 7                 | 800    | SE   | 10    | -     | 10               | 1006.2            | -2                          | SSE   | 2        | 0         | 54          | 97                | 5      | 450  | SE    | 10    | -    | 10   | 1003.2 | -3   | SSW  | 3    | 0    | 56   | 97 | 6    | 450 | SE | 10   | - | 10 | 1003.1 | -5  | NW | 1 | 0 | 57 | 97 | 6 | 450 | SE | 10 | - | 10 | 1003.7 | -4 | SE | 4 | 0 | 55 | 97 | 5 | 800 | NB | 10 | - | 10 | 1003.2 | -5 | SSW | 3 | 0 | 61 | 92 | 8 | 1500 | SE | 7 | - | 7 | 1004.3 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - | 9 | 1004.4 | -5 | SSW | 3 | 0 | 63 | 85 | 6 | 1500 | NB | 9 | - |

| LONDON OBSERVATIONS. |  |  |  |  |  |  |  |  |  | WEATHER.  |  |  |  |  |  |  |  |  |  | TEMPERATURE. |  |  |  |  |  |  |  |  |  | RAIN-FALL. |  |  |  |  |  |  |  |  |  | SUN-SHINE. |  |  |  |  |  |  |  |  |  | HUMIDITY. |  |  |  |  |  |  |  |  |  | ATMOSPHERIC POLLUTION. |  |  |  |  |  |  |  |  |  | POLE STAR RECORD at Greenwich Obs. |  |  |  |  |  |  |  |  |  | CODE FOR STATE OF SKY. |  |  |  |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |                                               |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 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\* For explanation see Introduction. \* Information for these columns not usually received. \* The barometric change is expressed in half millibars. \* For code see page 2.



| SUMMARIES FOR THE PAST 24 HOURS. |                  |                  |                     |                  |              |                |                     |                 |                   |                         |                         |     |        | Sun.<br>15 <sup>th</sup> |
|----------------------------------|------------------|------------------|---------------------|------------------|--------------|----------------|---------------------|-----------------|-------------------|-------------------------|-------------------------|-----|--------|--------------------------|
| STATIONS.                        | WEATHER.         |                  |                     |                  | TEMPERATURE. |                |                     |                 | RAINFALL.         |                         |                         |     | Hours. |                          |
|                                  | 7h-15h           | 15h-18h          | 18h-15h             | 1h-7h            | MAX.<br>Day. | MIN.<br>Night. | MIN.<br>on<br>GRASS | Day.<br>7h-15h. | Night.<br>15h-7h. | Precipitation<br>began. | Precipitation<br>ended. |     |        |                          |
|                                  | 15 <sup>th</sup> | 15 <sup>th</sup> | to 15 <sup>th</sup> | 16 <sup>th</sup> | 7h-15h       | 15h-7h         |                     | mm.             | mm.               |                         |                         |     |        |                          |
| Lerwick ...                      | oo               | of d             | omr                 | of d             | 56           | 52             | .                   | Trace           | 4                 | 1730                    | 2100                    | 0.0 |        |                          |
| Stornoway ...                    | oo               | of d             | omr                 | of d             | 54           | 53             | .                   | 4               | 0.4               | 10800                   | 2100                    | 0.0 |        |                          |
| Wick ...                         | omr              | omr              | omr                 | omr              | 54           | 52             | .                   | 1               | 3                 | 1530                    | 2100                    | .   |        |                          |
| Castlety ...                     | oo               | of d             | omr                 | of d             | 56           | 53             | .                   | 2               | 1                 | 10800                   | 2100                    | 0.0 |        |                          |
| Nairn ...                        | omr              | omr              | omr                 | omr              | 62           | 59             | .                   | 1               | -                 | 1100                    | 2100                    | 0.0 |        |                          |
| Aberdeen ...                     | omr              | omr              | omr                 | omr              | 63           | 56             | 48                  | Trace           | 1                 | 1730                    | 2100                    | 1.9 |        |                          |
| Malin Head ...                   | oo               | of d             | omr                 | of d             | 62           | 50             | .                   | 2               | 1                 | 0900                    | 2100                    | 0.0 |        |                          |
| Renfrew ...                      | omr              | omr              | omr                 | omr              | 60           | 55             | 55                  | 2               | 1                 | 10800                   | 2100                    | 0.0 |        |                          |
| Edinburgh (Inchkeith) ...        | oo               | of d             | omr                 | of d             | 62           | 54             | 55                  | 1               | 0.2               | 1230                    | 0130                    | 0.8 |        |                          |
| Leuchars ...                     | omr              | omr              | omr                 | omr              | 64           | 54             | 54                  | 1               | 0.1               | 1330                    | 2100                    | 0.2 |        |                          |
| Eskeleminir ...                  | omr              | omr              | omr                 | omr              | 59           | 53             | 53                  | 0.6             | 2                 | 10800                   | 2100                    | 0.0 |        |                          |
| Tynemouth ...                    | omr              | omr              | omr                 | omr              | 54           | 54             | 55                  | -               | 2                 | -                       | 2100                    | .   |        |                          |
| Blacksod Point ...               | omr              | omr              | omr                 | omr              | 62           | 50             | .                   | 1               | 0.4               | -                       | -                       | .   |        |                          |
| Donaghadee ...                   | omr              | omr              | omr                 | omr              | 63           | 56             | .                   | 0.4             | 1                 | 1330                    | 2100                    | .   |        |                          |
| Birr Castle ...                  | omr              | omr              | omr                 | omr              | 65           | 54             | 44                  | 3               | 0.2               | 10800                   | 2100                    | 0.2 |        |                          |
| Holyhead ...                     | omr              | omr              | omr                 | omr              | 59           | 56             | 54                  | 1               | 0.2               | 1430                    | 2100                    | 0.0 |        |                          |
| Liverpool (Bidston) ...          | omr              | omr              | omr                 | omr              | 50           | 54             | 54                  | 0.3             | 2                 | 1730                    | 0130                    | 2.9 |        |                          |
| Chester (Shotwick) ...           | omr              | omr              | omr                 | omr              | 74           | 58             | 56                  | 0.2             | 3                 | 1730                    | 2100                    | 3.0 |        |                          |
| Spurn Head ...                   | omr              | omr              | omr                 | omr              | 50           | 50             | .                   | -               | 0.2               | -                       | -                       | 6.4 |        |                          |
| Birmingham (Edgbaston) ...       | omr              | omr              | omr                 | omr              | 72           | 54             | 55                  | -               | Trace             | -                       | 2100                    | 8.4 |        |                          |
| Nottingham ...                   | omr              | omr              | omr                 | omr              | 77           | 60             | 58                  | -               | 0.6               | -                       | 2400                    | 4.6 |        |                          |
| Cranwell ...                     | omr              | omr              | omr                 | omr              | 78           | 59             | 54                  | -               | Trace             | -                       | 2100                    | 8.4 |        |                          |
| Gorleston ...                    | omr              | omr              | omr                 | omr              | 73           | 59             | 54                  | Trace           | 4                 | 1530                    | 2100                    | 1.0 |        |                          |
| Valencia (Cahiroireen) ...       | omr              | omr              | omr                 | omr              | 65           | 55             | 52                  | 9               | 0.4               | 10800                   | 2100                    | 0.1 |        |                          |
| Roches Point ...                 | omr              | omr              | omr                 | omr              | 66           | 56             | .                   | 6               | -                 | 10800                   | 2100                    | .   |        |                          |
| Pembroke (St. Ann's H.) ...      | omr              | omr              | omr                 | omr              | 61           | 56             | .                   | 1               | 1                 | 1230                    | 0130                    | 0.0 |        |                          |
| Ross-on-Wye ...                  | omr              | omr              | omr                 | omr              | 68           | 59             | 59                  | 0.3             | 0.2               | 1730                    | 2100                    | 2.5 |        |                          |
| Benson ...                       | omr              | omr              | omr                 | omr              | 78           | 59             | .                   | -               | 0.1               | -                       | 2100                    | .   |        |                          |
| Andover ...                      | omr              | omr              | omr                 | omr              | 70           | 58             | 58                  | 2               | 0.5               | 1330                    | 2100                    | 1.6 |        |                          |
| S. Farnborough ...               | omr              | omr              | omr                 | omr              | 77           | 62             | 59                  | Trace           | 1                 | 1730                    | 2100                    | 6.4 |        |                          |
| London (Kew Obs.) ...            | omr              | omr              | omr                 | omr              | 78           | 62             | 59                  | -               | 0.1               | -                       | 0630                    | 8.4 |        |                          |
| Croydon ...                      | omr              | omr              | omr                 | omr              | 76           | 60             | 58                  | Trace           | 0.1               | 1100                    | 0130                    | 4.9 |        |                          |
| Clacton-on-Sea ...               | omr              | omr              | omr                 | omr              | 74           | 61             | 60                  | 5               | -                 | 1730                    | -                       | 4.5 |        |                          |
| Shoeburyness ...                 | omr              | omr              | omr                 | omr              | 82           | 61             | 55                  | -               | -                 | -                       | -                       | 8.6 |        |                          |
| Grain ...                        | omr              | omr              | omr                 | omr              | 80           | 60             | 58                  | -               | -                 | -                       | -                       | 8.2 |        |                          |
| Lympe ...                        | omr              | omr              | omr                 | omr              | 73           | 54             | 51                  | -               | 0.4               | -                       | 2400                    | 4.2 |        |                          |
| Scilly (St. Mary's) ...          | omr              | omr              | omr                 | omr              | 61           | 56             | .                   | 2               | 0.2               | 10800                   | 2100                    | 0.0 |        |                          |
| Falmouth (Pendennis) ...         | omr              | omr              | omr                 | omr              | 70           | 59             | .                   | 4               | 0.2               | 0900                    | 2400                    | 0.0 |        |                          |
| Plymouth (Cattewater) ...        | omr              | omr              | omr                 | omr              | 66           | 59             | 60                  | 1               | 2                 | 1100                    | 2100                    | 0.3 |        |                          |
| Portland Bill ...                | omr              | omr              | omr                 | omr              | 63           | 58             | .                   | 0.4             | 1                 | 1730                    | 2100                    | .   |        |                          |
| Southampton (Oakhurst) ...       | omr              | omr              | omr                 | omr              | 64           | 59             | 59                  | Trace           | 1                 | 10900                   | 2100                    | 1.6 |        |                          |
| Dungeness ...                    | omr              | omr              | omr                 | omr              | 64           | 59             | .                   | -               | 2                 | -                       | 2100                    | .   |        |                          |
| Jersey ...                       | omr              | omr              | omr                 | omr              | 68           | 60             | .                   | 2               | 1                 | 1630                    | 2100                    | 0.9 |        |                          |



## GENERAL INFERENCE

Low pressure is now established to the north and high pressure to the south of the British Isles, and westerly winds are likely to continue, with mainly cloudy weather, occasional rain or showers and a moderate temperature.

Districts. Forecasts for the 24 hours commencing 15h G.M.T. Monday, 16th July, 1923.

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

Wind westerly, moderate, fresh in exposed places; mainly cloudy, brighter intervals, occasional rain or showers; visibility moderate or good; moderate temperature.

Further Outlook.

Continuing cool and rather unsettled.







## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION. Monday, 16th July

1923.

No. 197.

| STATIONS.                    | Height above M.S.L. in feet. | Observations at 0100 G.M.T. 15th |                    |        |       |          |           |            |                |             |      |           |             | Observations at 0700 G.M.T. 16th |                    |                 |        |          |           |            |                |        |             |      |           |             |                 |
|------------------------------|------------------------------|----------------------------------|--------------------|--------|-------|----------|-----------|------------|----------------|-------------|------|-----------|-------------|----------------------------------|--------------------|-----------------|--------|----------|-----------|------------|----------------|--------|-------------|------|-----------|-------------|-----------------|
|                              |                              | Barom. at M.S.L.                 | Change in 3 Hours. | Wind.  |       | Weather. | Temp. °F. | Humidity % | Visibility 0-9 | Cloud.      |      |           |             | Barom. at M.S.L.                 | Change in 3 Hours. | Wind.           |        | Weather. | Temp. °F. | Humidity % | Visibility 0-9 | Cloud. |             |      |           |             |                 |
|                              |                              |                                  |                    | Direc. | Force |          |           |            |                | Height Feet | Form | Amt. 0-10 | Upper Form. |                                  |                    | Total Amt. 0-10 | Direc. |          |           |            |                | Force  | Height Feet | Form | Amt. 0-10 | Upper Form. | Total Amt. 0-10 |
|                              |                              |                                  |                    |        |       |          |           |            |                |             |      |           |             |                                  |                    |                 |        |          |           |            |                |        |             |      |           |             |                 |
| Lerwick ...                  | 54                           | 1005.6                           | -2                 | SSW    | 1     | ovr      | 54        | 97         | 5              | 800         | Nb   | 10        | -           | 10                               | 1001.4             | -2              | SSW    | 1        | ovr       | 53         | 97             | 0      | 800         | St   | 10        | -           | 10              |
| Stornoway ...                | 51                           | 1001.2                           | -3                 | SW     | 4     | 0        | 54        | 97         | 5              | -           | -    | -         | -           | -                                | 1001.3             | 0               | WNW    | 3        | 0         | 54         | 92             | 4      | 1500        | Nb   | 5         | -           | 10              |
| Wick ...                     | 81                           | 1001.6                           | -2                 | SSW    | 1     | 0        | 54        | 97         | Y              | 4000        | AS   | 5         | AS          | 10                               | 1000.9             | -1              | W      | 1        | c/r       | 57         | 97             | Y      | 4000        | AS   | 5         | -           | 10              |
| Castlebay ...                | 37                           | .                                | .                  | .      | .     | .        | .         | .          | .              | .           | .    | .         | .           | .                                | 1003.6             | +1              | W      | 3        | c         | 54         | 92             | 8      | 2000        | St   | 5         | -           | 10              |
| Nairn ...                    | 52                           | .                                | .                  | .      | .     | .        | .         | .          | .              | .           | .    | .         | .           | .                                | 1001.9             | .               | W      | 1        | bc        | 60         | 95             | 8      | 4000        | St   | 5         | -           | 10              |
| Aberdeen ...                 | 46                           | .                                | .                  | .      | .     | .        | .         | .          | .              | .           | .    | .         | .           | .                                | 1002.1             | +1              | SW     | 1        | 0         | 61         | 85             | Y      | 4000        | St   | 10        | -           | 10              |
| Malin Head ...               | 71                           | 1005.3                           | +1                 | W      | 5     | c/r      | 53        | 97         | Y              | 4000        | Nb   | 8         | -           | 8                                | 1005.4             | 0               | W      | 5        | bc/r      | 54         | 95             | 8      | 5000        | AS   | 5         | -           | 10              |
| Reufrow ...                  | 49                           | .                                | .                  | .      | .     | .        | .         | .          | .              | .           | .    | .         | .           | .                                | 1005.6             | +1              | W      | 1        | ofr       | 56         | 92             | Y      | 800         | St   | 10        | -           | 10              |
| Edinburgh (Inchkeith) ...    | 190                          | 1004.1                           | -2                 | WSW    | 2     | ofr      | 57        | 97         | 8              | -           | Nb   | 4         | AS          | 10                               | 1003.8             | +2              | WSW    | 4        | c         | 57         | 92             | 8      | 4           | St   | 5         | -           | 10              |
| Leuchars ...                 | 36                           | .                                | .                  | .      | .     | .        | .         | .          | .              | .           | .    | .         | .           | .                                | 1003.0             | 0               | WSW    | 3        | c         | 61         | 85             | 8      | 4000        | St   | 5         | -           | 10              |
| Baldernair ...               | 794                          | .                                | .                  | .      | .     | .        | .         | .          | .              | .           | .    | .         | .           | .                                | 1005.6             | +1              | WS     | 4        | 0         | 57         | 85             | 8      | 2000        | St   | 10        | -           | 10              |
| Tynemouth ...                | 118                          | 1006.3                           | -1                 | .      | 0     | 0.6      | 58        | 92         | 6              | 800         | Nb   | 10        | -           | 10                               | 1005.1             | 0               | WSW    | 1        | bc/r      | 60         | 85             | 6      | 1500        | AS   | 5         | -           | 10              |
| Blackad Point ...            | 10                           | .                                | .                  | .      | .     | .        | .         | .          | .              | .           | .    | .         | .           | .                                | 1008.1             | 0               | W      | 4        | ofr       | 57         | 92             | Y      | 4           | St   | 5         | -           | 10              |
| Donaghadee ...               | 35                           | .                                | .                  | .      | .     | .        | .         | .          | .              | .           | .    | .         | .           | .                                | 1004.9             | +1              | SSW    | 2        | c         | 57         | 85             | 8      | 1500        | St   | Y         | -           | 10              |
| Birr Castle ...              | 175                          | .                                | .                  | .      | .     | .        | .         | .          | .              | .           | .    | .         | .           | .                                | 1010.2             | .               | SW     | 2        | c         | 57         | 83             | Y      | 1500        | AS   | Y         | -           | 10              |
| Holyhead ...                 | 28                           | 1007.9                           | -1                 | SW     | 4     | ofr      | 57        | 97         | Y              | 450         | St   | 10        | -           | 10                               | 1009.4             | +1              | WN     | 4        | 0         | 57         | 85             | 8      | 2500        | St   | 10        | -           | 10              |
| Liverpool (Bidston) ...      | 189                          | .                                | .                  | .      | .     | .        | .         | .          | .              | .           | .    | .         | .           | .                                | 1008.4             | +1              | WSW    | 4        | bc/r      | 64         | 65             | 8      | 4000        | St   | 4         | -           | 10              |
| Chester (Shotwick) ...       | 16                           | .                                | .                  | .      | .     | .        | .         | .          | .              | .           | .    | .         | .           | .                                | 1005.9             | +2              | W      | 3        | c         | 62         | 75             | 8      | 1500        | St   | 8         | -           | 10              |
| Spurn Head ...               | 26                           | 1005.0                           | -1                 | WSW    | 3     | 0.6      | 62        | 85         | Y              | 4000        | Nb   | 10        | -           | 10                               | 1004.6             | -1              | WSW    | 5        | 0         | 63         | 85             | Y      | 4000        | Nb   | 10        | -           | 10              |
| Birmingham (Edgbaston) ...   | 525                          | .                                | .                  | .      | .     | .        | .         | .          | .              | .           | .    | .         | .           | .                                | 1009.3             | 0               | W      | 3        | 0         | 61         | 97             | Y      | 800         | Nb   | 10        | -           | 10              |
| Nottingham ...               | 82                           | .                                | .                  | .      | .     | .        | .         | .          | .              | .           | .    | .         | .           | .                                | 1013.0             | 0               | WSW    | 2        | 0.6       | 62         | 97             | 5      | 1500        | St   | 10        | -           | 10              |
| Cranwell ...                 | 237                          | 1009.5                           | -2                 | SSW    | 2     | c        | 59        | 92         | Y              | 2500        | St   | 8         | -           | 8                                | 1008.7             | 0               | WSW    | 3        | 0         | 62         | 85             | Y      | 800         | St   | 10        | -           | 10              |
| Gorleston ...                | 15                           | 1010.5                           | 0                  | W      | 2     | 6        | 60        | 85         | Y              | -           | -    | 0         | -           | 0                                | 1010.1             | 0               | WSW    | 3        | 0         | 62         | 92             | Y      | 4000        | Nb   | 6         | -           | 10              |
| Valencia (Cahirovee) ...     | 30                           | 1012.0                           | 0                  | W      | 2     | 0        | 57        | 92         | 8              | -           | -    | 0         | AS          | 10                               | 1012.6             | +1              | WSW    | 3        | c         | 58         | 85             | Y      | 1500        | St   | 8         | -           | 10              |
| Roche Point ...              | 32                           | .                                | .                  | .      | .     | .        | .         | .          | .              | .           | .    | .         | .           | .                                | 1012.3             | +2              | WNW    | 2        | bc        | 59         | 95             | 8      | 4000        | AS   | 5         | -           | 10              |
| Pembroke (St. Ann's Hl.) ... | 149                          | 1010.5                           | 0                  | WSW    | 2     | 1.7      | 58        | 97         | 1              | <150        | St   | 10        | -           | 10                               | 1011.7             | +1              | W      | 2        | 0         | 56         | 97             | 8      | 4000        | St   | 10        | -           | 10              |
| Ross-on-Wye ...              | 223                          | .                                | .                  | .      | .     | .        | .         | .          | .              | .           | .    | .         | .           | .                                | 1010.2             | +3              | NW     | 2        | bc        | 60         | 95             | 9      | 4000        | AS   | 4         | -           | 10              |
| Benson ...                   | 186                          | .                                | .                  | .      | .     | .        | .         | .          | .              | .           | .    | .         | .           | .                                | 1009.4             | +1              | SW     | 3        | c         | 64         | 85             | Y      | -           | St   | Y         | -           | 10              |
| Andover ...                  | 295                          | .                                | .                  | .      | .     | .        | .         | .          | .              | .           | .    | .         | .           | .                                | 1011.0             | -1              | SWW    | 3        | ofr       | 61         | 97             | 8      | 800         | St   | 10        | -           | 10              |
| S. Farnborough ...           | 230                          | .                                | .                  | .      | .     | .        | .         | .          | .              | .           | .    | .         | .           | .                                | 1010.3             | 0               | SW     | 3        | ofr       | 63         | 97             | Y      | 1500        | Nb   | 9         | -           | 10              |
| London (Kew Obs.) ...        | 18                           | .                                | .                  | .      | .     | .        | 60        | .          | .              | .           | .    | .         | .           | .                                | 1010.6             | +1              | SSW    | 2        | ofr       | 65         | 85             | 6      | 2500        | St   | 8         | -           | 10              |
| Croydon ...                  | 254                          | 1011.9                           | -1                 | S      | 0     | 0        | 60        | 92         | Y              | 800         | Nb   | 9         | AS          | 10                               | 1011.0             | 0               | SW     | 3        | ofr       | 63         | 92             | Y      | 450         | St   | 10        | -           | 10              |
| Olveston-on-Sea ...          | 54                           | .                                | .                  | .      | .     | .        | .         | .          | .              | .           | .    | .         | .           | .                                | 1010.2             | 0               | WSW    | 3        | 0         | 63         | 85             | Y      | 1500        | St   | 10        | -           | 10              |
| Shoeburyness ...             | 11                           | .                                | .                  | .      | .     | .        | .         | .          | .              | .           | .    | .         | .           | .                                | 1010.4             | -1              | W      | 3        | 0         | 64         | 85             | Y      | 4000        | St   | 10        | -           | 10              |
| Grain ...                    | 20                           | .                                | .                  | .      | .     | .        | .         | .          | .              | .           | .    | .         | .           | .                                | 1010.4             | 0               | SW     | 4        | 0         | 64         | 85             | 8      | 1500        | St   | 9         | -           | 10              |
| Lymington ...                | 350                          | 1011.5                           | -1                 | SWW    | 3     | ofr      | 59        | 85         | Y              | 1500        | St   | 10        | -           | 10                               | 1011.3             | 0               | WSW    | 4        | ofr       | 60         | 97             | 6      | 225         | Nb   | 10        | -           | 10              |
| Scilly (St. Mary's) ...      | 131                          | 1012.5                           | 0                  | W      | 3     | 0        | 59        | 97         | 6              | 4000        | St   | 10        | -           | 10                               | 1012.9             | +1              | WNW    | 3        | c         | 57         | 97             | Y      | 4000        | St   | 8         | -           | 10              |
| Falmouth (Pendennis) ...     | 200                          | 1012.6                           | 0                  | NW     | 3     | ofr      | 60        | 97         | Y              | 4000        | St   | 10        | -           | 10                               | 1013.1             | +1              | WNW    | 2        | c         | 61         | 92             | Y      | 4000        | St   | Y         | -           | 10              |
| Plymouth (Cattewater) ...    | 82                           | .                                | .                  | .      | .     | .        | .         | .          | .              | .           | .    | .         | .           | .                                | 1012.8             | +2              | W      | 2        | 0         | 61         | 92             | Y      | 800         | St   | 10        | -           | 10              |
| Portland Bill ...            | 19                           | 1011.6                           | -4                 | WSW    | 4     | for      | 60        | 97         | 2              | 450         | St   | 10        | -           | 10                               | 1011.2             | 0               | WSW    | 4        | bc        | 61         | 92             | Y      | 1400        | St   | 3         | -           | 10              |
| Southampton (Cassiot) ...    | 12                           | 1011.7                           | -3                 | SWW    | 5     | 0.6      | 60        | 97         | 4              | <150        | Nb   | 10        | -           | 10                               | 1011.6             | 0               | SW     | 4        | ofr       | 62         | 92             | 8      | 1500        | Nb   | 10        | -           | 10              |
| Dunstable ...                | 21                           | 1012.5                           | -1                 | SW     | 4     | 0        | 60        | 97         | 8              | -           | -    | 0         | AS          | 10                               | 1011.3             | -1              | SW     | 4        | ofr       | 60         | 97             | Y      | -           | St   | 0         | -           | 10              |
| Jersey 7th ...               | 25                           | .                                | .                  | .      | .     | .        | .         | .          | .              | .           | .    | .         | .           | .                                | 1014.4             | 0               | W      | 3        | ofr       | 60         | 97             | 6      | 1500        | St   | 10        | -           | 10              |
| Guernsey 1st ...             | .                            | .                                | .                  | .      | .     | .        | .         | .          | .              | .           | .    | .         | .           | .                                | .                  | .               | .      | .        | .         | .          | .              | .      | .           | .    | .         | .           | .               |

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR July 15th 1923.

| STATIONS.          | WEATHER.   |             | TEMPERATURE. |           | RAINFALL.     |             | SUNSHINE.       |                    | STATIONS.            | WEATHER.   |             | TEMPERATURE. |           | RAINFALL.     |             | SUNSHINE.       |                |
|--------------------|------------|-------------|--------------|-----------|---------------|-------------|-----------------|--------------------|----------------------|------------|-------------|--------------|-----------|---------------|-------------|-----------------|----------------|
|                    | Fore-noon. | After-noon. | Min. Night.  | Max. Day. | Night 17h-0h. | Day 0h-17h. | Sunrise to 17h. | Sunrise to Sunset. |                      | Fore-noon. | After-noon. | Min. Night.  | Max. Day. | Night 17h-0h. | Day 0h-17h. | Sunrise to 17h. | Sunset to 17h. |
|                    |            |             |              |           |               |             |                 |                    |                      |            |             |              |           |               |             |                 |                |
| Montrose ...       | o2         | od          | 55           | 62        | -             | 0.2         | 0.0             | 0.0                | Ilfracombe ...       | o          | od          | 60           | 63        | 0.1           | 1           | 0.0             | 0.0            |
| Berwick-on-Tweed   | mc mc      | bc od       | 54           | 69        | -             | 0.1         | 2.3             | 1.7                | Bude ...             | 2d 00      | o2 odr      | 60           | 65        | -             | 2           | 0.1             | 0.0            |
| Llandudno ...      | c. o       | or          | 58           | 68        | -             | 1           | 1.1             | 11.7               | Penzance ...         | o          | od d        | 60           | 62        | -             | 2           | 0.6             | 5.2            |
| Colwyn Bay ...     | bc         | or          | 61           | 69        | -             | 1           | 2.2             | 11.4               | Paignton ...         | od bcp     | opq         | 61           | 70        | -             | 1           | 0.6             | 5.1            |
| Rhyl ...           | c. bc      | or          | 60           | 67        | -             | 0.3         | 2.0             | 11.4               | Terquay ...          | c          | c. or. o    | 61           | 70        | -             | -           | 0.7             | 3.7            |
| Southport ...      | o. c. bc   | bc. c. o    | 62           | 66        | -             | -           | 2.1             | 11.3               | Weymouth ...         | o. c.      | c. or       | 60           | 69        | -             | -           | -               | -              |
| Blackpool ...      | o. c.      | o           | 59           | 66        | -             | -           | 0.2             | 11.9               |                      |            |             |              |           |               |             |                 |                |
| Ilkley ...         | om. or     | c           | 57           | 73        | -             | -           | 1.8             | 0.0                | Bournemouth ...      | c          | c           | 60           | 70        | -             | -           | 1.2             | 4.8            |
| Harrogate ...      | c          | c           | 55           | 74        | -             | -           | 1.9             | 0.0                | Portsmouth (S. Obs.) | om         | o. e. bc    | 60           | 70        | -             | -           | 1.5             | 8.3            |
| Skewness ...       | o          | o           | 59           | 74        | -             | 11          | 3.0             | 3.6                | Worthing ...         | b. o       | o. bc       | 60           | 67        | -             | -           | 1.2             | 8.9            |
| Aberystwyth ...    | r. o. c    | o. c. or    | 60           | 61        | 0.3           | 1           | 0.0             | 8.3                | Brighton ...         | c.         | om. c       | 61           | 65        | -             | -           | 1.5             | 11.5           |
| Bath ...           | o          | o. c.       | 60           | 69        | -             | -           | 0.4             | 1.5                | Eastbourne ...       | o. c.      | c. bc       | 60           | 65        | -             | -           | 4.6             | -              |
| Leamington Spa ... | bc         | c. d. o     | 57           | 76        | -             | -           | 6.4             | 0.0                | Hastings ...         | c. bc. cp  | o. c. d. d. | 60           | 69        | -             | -           | 4.0             | 11.8           |
| Lowestoft ...      | f. o       | op. o. c.   | 59           | 68        | -             | -           | 0.0             | 5.1                | Folkstone ...        | c          | c           | 61           | 74        | -             | -           | 3.0             | 10.9           |
| Felixstowe ...     | b. c. f    | cc. op      | 61           | 73        | -             | 7           | 3.7             | 8.2                | Tunbridge Wells ...  | b. bc.     | bc. c. d.   | 59           | 76        | -             | -           | 6.9             | 10.4           |
| Southend ...       | bc         | bc. p. bc   | 63           | 80        | -             | 0.1         | 6.3             | 8.7                | Ramsgate ...         | bc.        | b.          | 60           | 76        | -             | -           | 4.2             | 11.5           |
|                    |            |             |              |           |               |             |                 |                    | Margate ...          | c          | bc          | 63           | 75        | -             | -           | 3.6             | 10.6           |
|                    |            |             |              |           |               |             |                 |                    | Deal ...             | cp         | bc. b       | 60           | 74        | -             | -           | 3.5             | -              |

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\* Information for these columns not usually received.

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

‡ For code see page 1.

§ See footnotes page 1.



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 2251Y

TUESDAY, 14<sup>th</sup> July.....1923.

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| Observations at 1800 G.M.T. 16      |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       | Observations at 1800 G.M.T. 16 |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
|-------------------------------------|-----------------------|-------------------|--------|-------|----------|-----------|-------------|-------------------|---------|-------|------|--------|-------|-----------------------|--------------------------------|---------|-------|----------|-----------|-------------|-------------------|--------|------|-------|-------|-------|-------|-------|-------|
| STATIONS                            | Barom. at M.S.L. m.b. | Change in 3 Hours | Wind.  |       | Weather. | Temp. °F. | Humidity. % | Visibility. Miles | Cloud.  |       |      |        |       | Barom. at M.S.L. m.b. | Change in 3 Hours              | Wind.   |       | Weather. | Temp. °F. | Humidity. % | Visibility. Miles | Cloud. |      |       |       |       |       |       |       |
|                                     |                       |                   | Direc. | Force |          |           |             |                   | Height. | Form. | Amt. | Direc. | Force |                       |                                | Height. | Form. |          |           |             |                   | Amt.   |      |       |       |       |       |       |       |
|                                     |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        | 0-10 | 10-20 | 20-30 | 30-40 | 40-50 | 50-60 | 60-70 | 70-80 | 80-90 | 90-100 |
| (For heights see p. 4.)             |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| Lerwick                             | 1001.9                | +1                | WSW    | 2     | 0        | 56        | 85          | 7                 | 2500    | St.   | 3    | A.C.   | 9     | 1001.0                | +2                             | SW      | 1     | 0        | 58        | 85          | 8                 | 5100   | St.  | 2     | Acu   | 4     | 0     |       |       |
| Sornoway                            | 1000.7                | -1                | SSW    | 4     | 0        | 59        | 85          | 7                 | 4000    | Nb    | 9    | -      | 9     | 1000.5                | -2                             | SW      | 4     | 0        | 58        | 85          | 7                 | 4000   | Nb   | 2     | Acu   | 4     | 0     |       |       |
| Wick                                | 1001.7                | 0                 | ESE    | 1     | 0        | 59        | 92          | 5                 | 5700    | St.   | 7    | Acu    | 9     | 1000.3                | -3                             | SW      | 2     | 0        | 58        | 85          | 7                 | 4000   | Nb   | 2     | Acu   | 4     | 0     |       |       |
| Castlety                            | 1002.3                | -2                | SSW    | 5     | bc       | 55        | 85          | 8                 | 2500    | St.   | 6    | -      | 6     | 1001.0                | 0                              | SSW     | 4     | 0        | 58        | 85          | 7                 | 1500   | St.  | 6     | Acu   | 4     | 0     |       |       |
| Nairn                               | 1003.2                | +1                | SE     | 2     | 0        | 65        | 85          | 7                 | 2500    | St.   | 9    | -      | 9     | 1001.5                | -1                             | SW      | 3     | 0        | 58        | 85          | 7                 | 4000   | St.  | 3     | Acu   | 4     | 0     |       |       |
| Aberdeen                            | 1003.2                | +1                | SE     | 2     | 0        | 65        | 85          | 7                 | 2500    | St.   | 9    | -      | 9     | 1001.5                | -1                             | SW      | 3     | 0        | 58        | 85          | 7                 | 4000   | St.  | 3     | Acu   | 4     | 0     |       |       |
| Malin Head                          | 1005.0                | -1                | WSW    | 5     | 0        | 55        | 85          | 8                 | 5700    | St.   | 8    | -      | 8     | 1004.1                | -1                             | WSW     | 5     | 0        | 58        | 85          | 7                 | 5100   | Nb   | 2     | Acu   | 4     | 0     |       |       |
| Reelfoot                            | 1006.1                | +1                | WSW    | 4     | 0        | 59        | 85          | 9                 | 2500    | St.   | 7    | -      | 7     | 1005.7                | -1                             | WSW     | 2     | 0        | 58        | 85          | 7                 | 4000   | Nb   | 10    | Acu   | 4     | 0     |       |       |
| Edinburgh (Leith)                   | 1005.4                | 0                 | W      | 5     | 0        | 59        | 75          | 8                 | -       | St.   | 7    | -      | 7     | 1004.7                | -1                             | WSW     | 5     | 0        | 58        | 85          | 7                 | -      | St.  | 10    | Acu   | 4     | 0     |       |       |
| Leuchars                            | 1004.3                | +1                | SW     | 4     | 0        | 64        | 55          | 8                 | 4000    | St.   | 7    | -      | 7     | 1004.4                | 0                              | SW      | 4     | 0        | 58        | 85          | 7                 | 2500   | St.  | 4     | Acu   | 4     | 0     |       |       |
| Edinburgh                           | 1006.9                | +1                | WSW    | 5     | 0        | 60        | 65          | 8                 | 2500    | St.   | 9    | -      | 9     | 1004.0                | 0                              | SW      | 4     | 0        | 58        | 85          | 7                 | 2500   | St.  | 10    | Acu   | 4     | 0     |       |       |
| Tyemouth                            | 1006.7                | -2                | WSW    | 2     | 0        | 67        | 55          | 6                 | 1500    | St.   | 4    | Acu    | 7     | 1006.8                | +1                             | SW      | 1     | 0        | 58        | 85          | 7                 | 4000   | St.  | 3     | Acu   | 4     | 0     |       |       |
| Blackod Point                       | 1007.5                | 0                 | WSW    | 4     | 0        | 61        | 75          | 8                 | -       | St.   | -    | -      | 10    | 1007.4                | 0                              | SE      | 4     | 0        | 58        | 85          | 7                 | -      | St.  | -     | Acu   | 4     | 0     |       |       |
| Donaghadee                          | 1008.0                | 0                 | W      | 3     | bc       | 65        | 55          | 8                 | 2500    | St.   | 5    | -      | 5     | 1007.8                | -1                             | W       | 3     | 0        | 58        | 85          | 7                 | 1500   | St.  | 8     | Acu   | 4     | 0     |       |       |
| Birr Castle                         | 1010.0                | 0                 | SW     | 1     | 0        | 62        | 75          | 8                 | 4000    | St.   | 8    | -      | 8     | 1008.4                | 0                              | SW      | 2     | 0        | 58        | 85          | 7                 | 4000   | St.  | 10    | Acu   | 4     | 0     |       |       |
| Holyhead                            | 1010.7                | 0                 | SW     | 4     | 0        | 64        | 65          | 9                 | 4000    | St.   | 2    | Acu    | 3     | 1009.3                | -2                             | SW      | 4     | 0        | 58        | 85          | 7                 | 4000   | St.  | 6     | Acu   | 4     | 0     |       |       |
| Liverpool (Bidston)                 | 1010.1                | +1                | W      | 3     | 0        | 62        | 65          | 9                 | 2500    | St.   | 3    | -      | 3     | 1009.3                | 0                              | W       | 4     | 0        | 58        | 85          | 7                 | 4000   | St.  | 6     | Acu   | 4     | 0     |       |       |
| Chester (Sheworth)                  | 1010.4                | +1                | NW     | 4     | 0        | 63        | 75          | 8                 | 2500    | St.   | 9    | -      | 9     | 1010.3                | 0                              | SW      | 5     | 0        | 58        | 85          | 7                 | 4000   | St.  | 2     | Acu   | 4     | 0     |       |       |
| Swan Head                           | 1008.6                | +1                | NW     | 5     | 0        | 66        | 65          | 7                 | 4000    | Nb    | 10   | -      | 10    | 1010.3                | +2                             | W       | 4     | 0        | 58        | 85          | 7                 | -      | St.  | 0     | Acu   | 4     | 0     |       |       |
| Birmingham (Edgbaston)              | 1010.8                | +1                | WNW    | 4     | 0        | 64        | 75          | 8                 | 4000    | St.   | 9    | -      | 9     | 1011.0                | 0                              | W       | 4     | 0        | 58        | 85          | 7                 | 4000   | St.  | 4     | Acu   | 4     | 0     |       |       |
| Nottingham                          | 1010.8                | +1                | WNW    | 4     | 0        | 67        | 75          | 8                 | 2500    | St.   | 7    | Acu    | 9     | 1010.4                | +1                             | WNW     | 4     | 0        | 58        | 85          | 7                 | 4000   | St.  | 1     | Acu   | 4     | 0     |       |       |
| Canwell                             | 1010.4                | +1                | WSW    | 4     | 0        | 69        | 55          | 8                 | 2500    | St.   | 8    | Acu    | 9     | 1010.8                | +1                             | WSW     | 3     | 0        | 58        | 85          | 7                 | 4000   | St.  | 5     | Acu   | 4     | 0     |       |       |
| Gravelton                           | 1010.5                | 0                 | W      | 3     | 0        | 72        | 65          | 7                 | 4000    | St.   | 9    | -      | 9     | 1011.1                | +1                             | SE      | 2     | 0        | 58        | 85          | 7                 | 2500   | St.  | 6     | Acu   | 4     | 0     |       |       |
| Valencia (Cahirciveen)              | 1012.8                | 0                 | SW     | 4     | 0        | 62        | 65          | 8                 | 2500    | St.   | 6    | Acu    | 10    | 1011.9                | -1                             | SW      | 5     | 0        | 58        | 85          | 7                 | 2500   | St.  | 4     | Acu   | 4     | 0     |       |       |
| Roshe Point                         | 1012.2                | 0                 | W      | 3     | 0        | 63        | 75          | 9                 | 2500    | St.   | 10   | -      | 10    | 1011.8                | 0                              | W       | 4     | 0        | 58        | 85          | 7                 | 2500   | St.  | 3     | Acu   | 4     | 0     |       |       |
| Fenbrook (St. Ann's H.)             | 1013.1                | +1                | W      | 3     | 0        | 60        | 85          | 8                 | 4000    | St.   | 3    | -      | 3     | 1012.3                | -1                             | WSW     | 4     | 0        | 58        | 85          | 7                 | 4000   | St.  | 3     | Acu   | 4     | 0     |       |       |
| Ros-on-Wye                          | 1012.8                | +1                | WSW    | 4     | 0        | 68        | 55          | 9                 | 4000    | St.   | 9    | -      | 9     | 1011.9                | 0                              | WS      | 3     | 0        | 58        | 85          | 7                 | 4000   | St.  | 3     | Acu   | 4     | 0     |       |       |
| Benson                              | 1011.5                | +2                | WSW    | 4     | 0        | 63        | 45          | 8                 | -       | St.   | 9    | -      | 9     | 1011.6                | 0                              | WSW     | 4     | 0        | 58        | 85          | 7                 | -      | St.  | 4     | Acu   | 4     | 0     |       |       |
| Andover                             | 1012.4                | +2                | W      | 5     | 0        | 72        | 55          | 9                 | 4000    | St.   | 7    | -      | 7     | 1012.5                | 0                              | W       | 4     | 0        | 58        | 85          | 7                 | 4000   | St.  | 4     | Acu   | 4     | 0     |       |       |
| S. Farnborough                      | 1011.9                | +2                | W      | 4     | 0        | 72        | 45          | 8                 | 4000    | St.   | 8    | -      | 8     | 1012.0                | 0                              | W       | 4     | 0        | 58        | 85          | 7                 | 4000   | St.  | 3     | Acu   | 4     | 0     |       |       |
| London (Kew Obs.)                   | 1011.6                | +1                | WSW    | 3     | bc       | 71        | 55          | 8                 | 5700    | St.   | 7    | -      | 7     | 1012.1                | 0                              | WSW     | 2     | 0        | 58        | 85          | 7                 | 5700   | St.  | 8     | Acu   | 4     | 0     |       |       |
| Croydon                             | 1011.5                | +1                | W      | 4     | bc       | 73        | 45          | 8                 | 4000    | St.   | 4    | -      | 4     | 1012.0                | 0                              | W       | 3     | 0        | 58        | 85          | 7                 | 4000   | St.  | 9     | Acu   | 4     | 0     |       |       |
| Ordnance-on-Sea                     | 1010.6                | 0                 | WNW    | 1     | bc       | 73        | 55          | 8                 | 4000    | St.   | 3    | Acu    | 5     | 1011.1                | +2                             | N       | 4     | 0        | 58        | 85          | 7                 | 1500   | St.  | 5     | Acu   | 4     | 0     |       |       |
| Shoeburyness                        | 1010.6                | 0                 | WNW    | 1     | bc       | 73        | 55          | 8                 | 4000    | St.   | 3    | Acu    | 5     | 1011.6                | +1                             | W       | 2     | 0        | 58        | 85          | 7                 | 5700   | St.  | 2     | Acu   | 4     | 0     |       |       |
| Grain                               | 1010.7                | 0                 | W      | 5     | bc       | 76        | 45          | 8                 | 4000    | St.   | 5    | -      | 5     | 1011.5                | +1                             | N       | 4     | 0        | 58        | 85          | 7                 | 5700   | St.  | 3     | Acu   | 4     | 0     |       |       |
| Lymington                           | 1012.0                | +1                | SW     | 4     | 0        | 67        | 85          | 7                 | 1500    | St.   | 7    | -      | 7     | 1012.8                | +2                             | WSW     | 4     | 0        | 58        | 85          | 7                 | 4000   | St.  | 5     | Acu   | 4     | 0     |       |       |
| Billy (St. Mary's)                  | 1015.5                | +1                | WNW    | 3     | 0        | 64        | 75          | 8                 | 4000    | St.   | 8    | -      | 8     | 1015.2                | +1                             | WNW     | 3     | 0        | 58        | 85          | 7                 | 4000   | St.  | 6     | Acu   | 4     | 0     |       |       |
| Falmouth (Pendennis)                | 1014.9                | +1                | NW     | 4     | bc       | 66        | 65          | 8                 | 4000    | St.   | 6    | -      | 6     | 1015.3                | 0                              | W       | 4     | 0        | 58        | 85          | 7                 | 4000   | St.  | 6     | Acu   | 4     | 0     |       |       |
| Plymouth (Cattewater)               | 1014.1                | +1                | WSW    | 3     | 0        | 65        | 75          | 8                 | 4000    | St.   | 8    | -      | 8     | 1014.5                | 0                              | W       | 3     | 0        | 58        | 85          | 7                 | 4000   | St.  | 6     | Acu   | 4     | 0     |       |       |
| Portland Bill                       | 1012.6                | +2                | SW     | 4     | 0        | 63        | 85          | 7                 | 7200    | St.   | 3    | -      | 3     | 1013.2                | +1                             | SW      | 4     | 0        | 58        | 85          | 7                 | 5700   | St.  | 4     | Acu   | 4     | 0     |       |       |
| Bournemouth (Calshot)               | 1012.5                | +1                | WNW    | 4     | bc       | 71        | 55          | 8                 | 4000    | St.   | 6    | -      | 6     | 1013.2                | +1                             | SW      | 4     | 0        | 58        | 85          | 7                 | 5700   | St.  | 4     | Acu   | 4     | 0     |       |       |
| Dungeness                           | 1012.2                | 0                 | SW     | 5     | bc       | 65        | 92          | 7                 | 4000    | St.   | 5    | Acu    | 8     | 1013.3                | +1                             | WNW     | 4     | 0        | 58        | 85          | 7                 | 4000   | St.  | 4     | Acu   | 4     | 0     |       |       |
| Jersey                              | 1015.5                | +1                | W      | 3     | 0        | 65        | 85          | 7                 | 5700    | St.   | 7    | Acu    | 8     | 1016.5                | 0                              | N       | 4     | 0        | 58        | 85          | 7                 | 1200   | St.  | 4     | Acu   | 4     | 0     |       |       |
| Guernsey                            | 1016.1                | 0                 | W      | 4     | 0        | 65        | 85          | 7                 | 5700    | St.   | 7    | Acu    | 8     | 1016.5                | 0                              | N       | 4     | 0        | 58        | 85          | 7                 | 1200   | St.  | 4     | Acu   | 4     | 0     |       |       |
| LONDON OBSERVATIONS.                |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| WEATHER.                            |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| TEMPERATURE.                        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| RAIN-FALL.                          |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| SUNSHINE.                           |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| HUMIDITY.                           |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| ATMOSPHERIC POLLUTION.              |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| POLE STAR RECORD AT Greenwich, Obs. |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 000 G.M.T. 16        |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |
| 24 HOURS ENDED 00                   |                       |                   |        |       |          |           |             |                   |         |       |      |        |       |                       |                                |         |       |          |           |             |                   |        |      |       |       |       |       |       |       |

\* For explanation see Introduction.

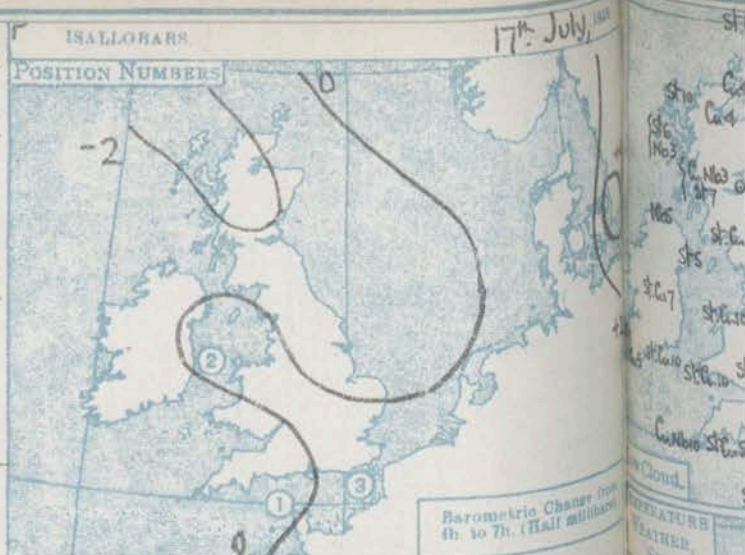
\* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

‡ For code see page 2.



| STATIONS.               | WEATHER.   |            |            |            | TEMPERATURE. |                |                      | RAINFALL.       |                   |                         |                         | SUR.<br>16.<br>Hours. |
|-------------------------|------------|------------|------------|------------|--------------|----------------|----------------------|-----------------|-------------------|-------------------------|-------------------------|-----------------------|
|                         | 7h-12h.    | 12h-18h.   | 18h-1h.    | 1h-7h.     | MAX.<br>Day. | MIN.<br>Night. | MIN.<br>on<br>Grass. | Day.<br>7h-12h. | Night.<br>12h-7h. | Precipitation<br>began. | Precipitation<br>ended. |                       |
|                         | 16.<br>16. | 16.<br>16. | 16.<br>16. | 16.<br>16. | 16.<br>16.   | 16.<br>16.     | 16.<br>16.           | 16.<br>16.      | 16.<br>16.        | 16.<br>16.              | 16.<br>16.              |                       |
| Lerwick                 | 00         | c          | b          | b          | 59           | 50             | .                    | 0.2             | 1                 | <0800                   | 2400                    | 5.6                   |
| Stornoway               | p          | b          | b          | p          | 60           | 51             | .                    | 1               | 4                 | <0800                   | 2100                    | 4.8                   |
| Wick                    | 00         | b          | b          | p          | 60           | 49             | .                    | Trace           | -                 | <0800                   | -                       | 6.4                   |
| Castlebay               | cpc        | cpc        | cpc        | bpc        | 56           | 52             | .                    | 1               | 1                 | -                       | -                       | 6.4                   |
| Nairn                   | cpc        | bpc        | bpc        | bpc        | 61           | 48             | .                    | -               | -                 | -                       | -                       | 6.4                   |
| Aberdeen                | cpc        | bpc        | bpc        | bpc        | 61           | 50             | 41                   | Trace           | -                 | <0800                   | -                       | 6.4                   |
| Malin Head              | bpc        | cpc        | c          | cpc        | 61           | 51             | .                    | 0.3             | 2                 | 1230                    | 1400                    | 8.5                   |
| Renfrew                 | cpc        | cpc        | cpc        | cpc        | 64           | 51             | 43                   | 1               | 3                 | 1530                    | 2100                    | 6.8                   |
| Edinburgh (Inchkeith)   | c          | b          | c          | bpc        | 63           | 52             | 49                   | -               | -                 | -                       | -                       | 8.5                   |
| Leuchars                | cpc        | cpc        | bpc        | bpc        | 63           | 44             | 35                   | -               | -                 | -                       | -                       | 10.1                  |
| Blackdunmill            | cpc        | cpc        | cpc        | cpc        | 62           | 48             | 44                   | -               | 1                 | -                       | <2100                   | 4.1                   |
| Tynemouth               | cpc        | cpc        | cpc        | cpc        | 69           | 56             | 52                   | -               | -                 | -                       | -                       | .                     |
| Blackod Point           | 00         | b          | p          | p          | 62           | 44             | .                    | 1               | 11                | -                       | -                       | .                     |
| Donaghadee              | c          | cpc        | cpc        | cpc        | 64           | 51             | .                    | Trace           | 0.3               | 1530                    | <2100                   | .                     |
| Birr Castle             | p, cpc     | cpc        | cpc        | cpc        | 63           | 51             | 44                   | 0.1             | -                 | 11.00                   | -                       | 4.9                   |
| Holyhead                | cpc        | cpc        | cpc        | cpc        | 66           | 55             | 55                   | -               | -                 | -                       | -                       | 4.9                   |
| Liverpool (Bidston)     | cpc        | cpc        | cpc        | cpc        | 68           | 56             | 50                   | -               | -                 | -                       | -                       | 6.9                   |
| Chester (Shotwick)      | cpc        | cpc        | cpc        | cpc        | 69           | 54             | 51                   | -               | -                 | -                       | -                       | 6.9                   |
| Spurn Head              | p          | c          | bpc        | c          | 64           | 55             | .                    | 2               | -                 | 09.00                   | -                       | 5.2                   |
| Birmingham (Edgbaston)  | cpc        | cpc        | cpc        | cpc        | 69           | 52             | 48                   | -               | -                 | -                       | -                       | 4.5                   |
| Nottingham              | cpc        | cpc        | cpc        | cpc        | 70           | 52             | 46                   | -               | -                 | <0800                   | -                       | 4.4                   |
| Cranwell                | cpc        | cpc        | cpc        | cpc        | 71           | 51             | 45                   | -               | -                 | 09.00                   | -                       | 9.0                   |
| Gorleston               | c          | c          | cpc        | cpc        | 74           | 55             | .                    | 0.1             | -                 | 12.30                   | -                       | 5.0                   |
| Valencia (Cahirovean)   | cpc        | cpc        | cpc        | cpc        | 63           | 54             | 49                   | 0.1             | 1                 | 09.00                   | 1200                    | 5.6                   |
| Roche Point             | bpc        | cpc        | cpc        | cpc        | 65           | 55             | .                    | Trace           | -                 | 13.30                   | -                       | .                     |
| Pembroke (St. Ann's H.) | bpc        | cpc        | cpc        | cpc        | 61           | 54             | .                    | -               | 0.2               | -                       | 0000                    | 9.4                   |
| Ross-on-Wye             | cpc        | cpc        | cpc        | cpc        | 70           | 56             | 55                   | -               | -                 | -                       | -                       | 9.2                   |
| Benson                  | c          | cpc        | cpc        | cpc        | 76           | 49             | 41                   | -               | -                 | -                       | -                       | .                     |
| Andover                 | cpc        | cpc        | cpc        | cpc        | 73           | 49             | 43                   | -               | -                 | -                       | -                       | 10.8                  |
| S. Farnborough          | cpc        | cpc        | cpc        | cpc        | 76           | 60             | 44                   | Trace           | -                 | <0800                   | -                       | 9.4                   |
| London (Kew Obs.)       | cpc        | cpc        | cpc        | cpc        | 73           | 56             | 46                   | 1               | -                 | 09.00                   | -                       | 8.6                   |
| Croydon                 | cpc        | cpc        | cpc        | cpc        | 73           | 54             | 48                   | -               | -                 | -                       | -                       | 8.4                   |
| Clacton-on-Sea          | cpc        | cpc        | cpc        | cpc        | 76           | 56             | 52                   | Trace           | -                 | 09.00                   | -                       | 8.1                   |
| Shoeburyness            | cpc        | cpc        | cpc        | cpc        | 78           | 56             | 48                   | -               | -                 | -                       | -                       | 4.2                   |
| Grain                   | cpc        | cpc        | cpc        | cpc        | 78           | 58             | 44                   | 0.4             | -                 | 11.00                   | -                       | 8.4                   |
| Lymington               | cpc        | cpc        | cpc        | cpc        | 71           | 54             | 44                   | Trace           | -                 | <0800                   | -                       | 4.3                   |
| Seilly (St. Mary's)     | c          | c          | cpc        | cpc        | 66           | 55             | .                    | -               | 1                 | -                       | <2100                   | 1.5                   |
| Falmouth (Pendennis)    | c          | c          | cpc        | cpc        | 68           | 56             | .                    | -               | -                 | -                       | -                       | 3.9                   |
| Plymouth (Cattewater)   | c          | cpc        | cpc        | cpc        | 64           | 54             | 54                   | -               | -                 | -                       | -                       | 4.9                   |
| Portland Bill           | c          | c          | c          | c          | 65           | 54             | .                    | -               | -                 | -                       | -                       | .                     |
| Southampton (Calshot)   | c          | c          | c          | c          | 65           | 54             | 54                   | Trace           | -                 | <0800                   | -                       | 8.9                   |
| Dungeness               | c          | c          | c          | c          | 64           | 58             | .                    | -               | -                 | -                       | -                       | .                     |
| Jersey                  | cpc        | cpc        | cpc        | cpc        | 68           | 58             | .                    | -               | -                 | -                       | -                       | 5.2                   |
| Guernsey                | c          | c          | c          | c          | 64           | 58             | .                    | -               | -                 | -                       | -                       | .                     |



| Observations from Cross Channel Steamers. |                      |           |            |           |
|-------------------------------------------|----------------------|-----------|------------|-----------|
| Position                                  | Date and Time        | Steamship | Wind       | Temp.     |
|                                           |                      |           | Dir. Force | Air Sea   |
| 2                                         | 16 <sup>h</sup> 1000 | Anglia    | SW 4       | C 58 58   |
| 3                                         | " 0300               | Brighton  | WSW 5      | mno 60 58 |
| 1                                         | " 1100               | Leak      | W 3        | b 60 58   |
| 3                                         | 14 <sup>h</sup> 0200 | Rispa     | W 3        | b 58 58   |

## GENERAL INFERENCE.

The depression near Iceland is moving eastwards slowly, and winds will be southwest becoming west or northwest, with variable skies, some showers in most districts, and a still lower temperature.

| Districts.                | Forecasts for the 24 hours commencing 15h G.M.T. Tuesday, 17th July, 1923.                                                                          | Further Outlook.                                                                                      |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| 1. S.E. England           | Wind S.W. to W. or N.W., light or moderate, fresh in exposed places; variable skies, probably some showers; visibility good; a little cooler still. | Mainly fair; probably somewhat warmer again, particularly in the South, Midlands and East of 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         | Wind S.W. to W. or N.W., moderate or fresh; variable skies, some showers; visibility good; cool.                                                    |                                                                                                       |
| 13. Isle of Man           |                                                                                                                                                     |                                                                                                       |
| 14. N. & N.W. Scotland    |                                                                                                                                                     |                                                                                                       |
| 15. Hebrides              |                                                                                                                                                     |                                                                                                       |
| 16. Orkneys and Shetlands | Wind W. to N.W., moderate or fresh; variable cloud, some showers; visibility good; rather cool.                                                     |                                                                                                       |
| 17. N.W. Ireland          |                                                                                                                                                     |                                                                                                       |
| 18. N.E. Ireland          |                                                                                                                                                     |                                                                                                       |
| 19. S.E. Ireland          |                                                                                                                                                     |                                                                                                       |
| 20. S.W. Ireland          |                                                                                                                                                     |                                                                                                       |







# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION. *Tuesday, 14<sup>th</sup> July* 1923.

No. 198.

| STATIONS.               | Height above<br>M.S.L. in feet. | Observations at 0100 G.M.T. 14 <sup>th</sup> |                       |        |       |          |              |               |                   |        |        |      | Observations at 0700 G.M.T. 14 <sup>th</sup> |                       |        |       |          |              |               |                   |        |      |        |        |      |      |      |      |      |
|-------------------------|---------------------------------|----------------------------------------------|-----------------------|--------|-------|----------|--------------|---------------|-------------------|--------|--------|------|----------------------------------------------|-----------------------|--------|-------|----------|--------------|---------------|-------------------|--------|------|--------|--------|------|------|------|------|------|
|                         |                                 | Barom. at<br>M.S.L.                          | Change in<br>3 Hours. | Wind.  |       | Weather. | Temp.<br>°F. | Humidity<br>% | Visibility<br>0-6 | Cloud. |        |      | Barom. at<br>M.S.L.                          | Change in<br>3 Hours. | Wind.  |       | Weather. | Temp.<br>°F. | Humidity<br>% | Visibility<br>0-6 | Cloud. |      |        |        |      |      |      |      |      |
|                         |                                 |                                              |                       | Direc. | Force |          |              |               |                   | Height | Form   | Amt. |                                              |                       | Direc. | Force |          |              |               |                   | Height | Form | Amt.   |        |      |      |      |      |      |
|                         |                                 |                                              |                       |        |       |          |              |               |                   |        |        |      |                                              |                       |        |       |          |              |               |                   |        |      |        | 0-12   | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 |
| Lerwick                 | 54                              | 1002.0                                       | 0                     | SW     | 1     | b        | 53           | 85            | 6                 | -      | -      | 0    | AS                                           | 2                     | 1001.9 | 0     | SW       | 1            | b             | 53                | 85     | 4    | 5000   | St. Cu | 1    | 10   | 3    | 0    |      |
| Stornoway               | 51                              | 999.6                                        | +1                    | SW     | 4     | PR       | 51           | 85            | 5                 | -      | -      | -    | -                                            | -                     | 999.0  | -3    | SW       | 3            | PR            | 52                | 94     | 6    | 450    | St     | 10   | 8    | 3    | 0    |      |
| Wick                    | 81                              | 1002.4                                       | 0                     | WSW    | 3     | b        | 51           | 85            | 9                 | 5000   | Cu     | 3    | -                                            | 3                     | 1002.1 | 0     | WSW      | 3            | c             | 50                | 85     | 8    | 4000   | Cu     | 4    | 8    | 2    | 0    |      |
| Castlebay               | 37                              | 1002.4                                       | 0                     | WSW    | 3     | b        | 51           | 85            | 9                 | 5000   | Cu     | 3    | -                                            | 3                     | 1002.1 | -1    | WSW      | 4            | opr           | 52                | 85     | 4    | 1500   | St     | 9    | 4    | 1    | 0    |      |
| Nairn                   | 82                              | 1002.4                                       | 0                     | WSW    | 3     | b        | 51           | 85            | 9                 | 5000   | Cu     | 3    | -                                            | 3                     | 1002.1 | 0     | WSW      | 4            | c             | 54                | 85     | 5    | 4000   | Cu     | 4    | 1    | 6    | 0    |      |
| Aberdeen                | 45                              | 1002.4                                       | 0                     | WSW    | 3     | b        | 51           | 85            | 9                 | 5000   | Cu     | 3    | -                                            | 3                     | 1002.1 | -1    | WSW      | 3            | bc            | 56                | 85     | 8    | -      | -      | 0    | 1    | 6    | 0    |      |
| Malin Head              | 71                              | 1002.0                                       | 0                     | WSW    | 4     | CR       | 52           | 94            | 8                 | 5000   | Nb     | 5    | ACu                                          | 4                     | 1002.5 | 0     | WSW      | 5            | CR            | 53                | 85     | 8    | 5000   | Nb     | 5    | 1    | 4    | 0    |      |
| Renfrew                 | 49                              | 1002.0                                       | 0                     | WSW    | 4     | CR       | 52           | 94            | 8                 | 5000   | Nb     | 5    | ACu                                          | 4                     | 1002.5 | -2    | WSW      | 3            | opr           | 56                | 85     | 6    | 800    | St     | 10   | 6    | 3    | 0    |      |
| Edinburgh (Leith)       | 190                             | 1002.4                                       | -1                    | WSW    | 4     | b        | 54           | 92            | 8                 | -      | Cu     | 2    | AS                                           | 3                     | 1002.4 | -2    | WSW      | 5            | bc            | 53                | 85     | 4    | -      | -      | 0    | 1    | 0    | 0    |      |
| Leuchars                | 36                              | 1002.4                                       | 0                     | WSW    | 4     | b        | 54           | 92            | 8                 | -      | Cu     | 2    | AS                                           | 3                     | 1002.8 | -2    | WSW      | 3            | c             | 56                | 85     | 4    | 2000   | St     | 3    | 1    | 0    | 0    |      |
| Baldernair              | 794                             | 1002.4                                       | 0                     | WSW    | 4     | b        | 54           | 92            | 8                 | -      | Cu     | 2    | AS                                           | 3                     | 1002.1 | -1    | WSW      | 4            | 0             | 52                | 85     | 4    | 2500   | St     | 10   | 1    | 0    | 0    |      |
| Tynemouth               | 118                             | 1002.4                                       | 0                     | WSW    | 1     | b        | 59           | 86            | 4                 | -      | -      | 0    | ACu                                          | 3                     | 1002.0 | -1    | WSW      | 1            | 0             | 54                | 86     | 6    | -      | -      | 0    | 1    | 0    | 0    |      |
| Blackhead Point         | 10                              | 1002.4                                       | -1                    | WSW    | 5     | opr      | 55           | 85            | 4                 | -      | -      | -    | -                                            | 9                     | 1002.4 | 0     | WSW      | 5            | 0             | 51                | 85     | 8    | -      | -      | -    | 1    | 0    | 0    |      |
| Donaghadee              | 35                              | 1002.4                                       | 0                     | WSW    | 5     | opr      | 55           | 85            | 4                 | -      | -      | -    | -                                            | 9                     | 1002.5 | 0     | WSW      | 5            | c             | 55                | 85     | 8    | 1500   | St     | 5    | 1    | 0    | 0    |      |
| Birr Castle             | 175                             | 1002.4                                       | 0                     | WSW    | 5     | opr      | 55           | 85            | 4                 | -      | -      | -    | -                                            | 9                     | 1002.4 | 0     | WSW      | 5            | 1             | opr               | 54     | 92   | 8      | 4000   | St   | 4    | 1    | 0    | 0    |
| Holyhead                | 26                              | 1002.4                                       | 0                     | WSW    | 5     | opr      | 55           | 85            | 4                 | -      | -      | -    | -                                            | 10                    | 1002.4 | 0     | WSW      | 5            | 0             | 56                | 85     | 8    | 4000   | St     | 10   | 1    | 0    | 0    |      |
| Liverpool (Bidston)     | 189                             | 1002.4                                       | 0                     | WSW    | 5     | opr      | 55           | 85            | 4                 | -      | -      | -    | -                                            | 10                    | 1002.4 | 0     | WSW      | 5            | c             | 58                | 85     | 8    | 1500   | Cu     | 8    | 1    | 0    | 0    |      |
| Chester (Shotwick)      | 16                              | 1002.4                                       | 0                     | WSW    | 5     | opr      | 55           | 85            | 4                 | -      | -      | -    | -                                            | 10                    | 1002.4 | 0     | WSW      | 5            | 0             | 59                | 85     | 8    | 4000   | St     | 9    | 1    | 0    | 0    |      |
| Spurn Head              | 26                              | 1010.6                                       | 0                     | SW     | 4     | b        | 58           | 85            | 4                 | 4000   | St. Cu | 2    | -                                            | 2                     | 1010.9 | -1    | SW       | 4            | bc            | 58                | 85     | 4    | -      | -      | 0    | 1    | 6    | 0    |      |
| Birmingham (Edgbaston)  | 525                             | 1010.6                                       | 0                     | SW     | 4     | b        | 58           | 85            | 4                 | 4000   | St. Cu | 2    | -                                            | 2                     | 1011.2 | 0     | WSW      | 3            | c             | 57                | 85     | 8    | 4000   | St. Cu | 8    | 1    | 0    | 0    |      |
| Nottingham              | 82                              | 1010.6                                       | 0                     | WSW    | 2     | b        | 58           | 85            | 6                 | 4000   | St. Cu | 3    | -                                            | 3                     | 1010.2 | -1    | WSW      | 2            | b             | 59                | 85     | 4    | -      | -      | 0    | 1    | 2    | 0    |      |
| Cranwell                | 237                             | 1012.1                                       | +1                    | WSW    | 2     | b        | 58           | 85            | 6                 | 4000   | St. Cu | 3    | -                                            | 3                     | 1010.8 | -1    | WSW      | 4            | bc            | 54                | 85     | 4    | 4000   | St. Cu | 2    | 1    | 0    | 0    |      |
| Gorleston               | 13                              | 1012.2                                       | 0                     | WSW    | 2     | c        | 61           | 85            | 8                 | 5000   | St. Cu | 8    | -                                            | 8                     | 1012.3 | 0     | W/N      | 2            | c             | 58                | 85     | 4    | 5000   | St. Cu | 4    | 1    | 0    | 0    |      |
| Valencia (Cahiscivee)   | 30                              | 1011.2                                       | -2                    | JK     | 3     | bc       | 56           | 94            | 8                 | -      | St     | 4    | -                                            | 4                     | 1010.4 | -1    | WSW      | 4            | 0             | 54                | 85     | 8    | 1500   | St. Cu | 9    | -    | 1    | 0    |      |
| Rothes Point            | 32                              | 1011.2                                       | -2                    | JK     | 3     | bc       | 56           | 94            | 8                 | -      | St     | 4    | -                                            | 4                     | 1010.4 | 0     | WSW      | 3            | 0             | 56                | 85     | 8    | 5000   | St. Cu | 10   | -    | 1    | 0    |      |
| Pembroke (St. Ann's H.) | 149                             | 1012.5                                       | 0                     | W      | 4     | bc       | 54           | 85            | 8                 | 4000   | St. Cu | 5    | -                                            | 5                     | 1011.9 | -1    | WSW      | 3            | 0             | 56                | 92     | 8    | 4000   | St. Cu | 10   | -    | 1    | 0    |      |
| Rose-on-Wye             | 223                             | 1012.5                                       | 0                     | W      | 4     | bc       | 54           | 85            | 8                 | 4000   | St. Cu | 5    | -                                            | 5                     | 1011.9 | 0     | WSW      | 3            | 0             | 59                | 85     | 4    | 4000   | St. Cu | 9    | -    | 1    | 0    |      |
| Benson                  | 186                             | 1012.5                                       | 0                     | W      | 4     | bc       | 54           | 85            | 8                 | 4000   | St. Cu | 5    | -                                            | 5                     | 1012.5 | 0     | WSW      | 4            | 0             | 59                | 85     | 8    | -      | St. Cu | 10   | -    | 1    | 0    |      |
| Andover                 | 295                             | 1012.4                                       | 0                     | WSW    | 3     | 0        | 58           | 85            | 9                 | 1500   | St     | 9    | -                                            | 9                     | 1012.4 | 0     | WSW      | 3            | 0             | 58                | 85     | 9    | 1500   | St     | 9    | -    | 1    | 0    |      |
| S. Fernborough          | 230                             | 1012.4                                       | 0                     | WSW    | 3     | 0        | 58           | 85            | 9                 | 1500   | St     | 9    | -                                            | 9                     | 1012.4 | 0     | WSW      | 3            | 0             | 58                | 85     | 9    | 1500   | St     | 9    | -    | 1    | 0    |      |
| London (Kew Obs.)       | 18                              | 1012.4                                       | 0                     | WSW    | 3     | 0        | 58           | 85            | 9                 | 1500   | St     | 9    | -                                            | 9                     | 1012.4 | 0     | WSW      | 3            | 0             | 58                | 85     | 9    | 1500   | St     | 9    | -    | 1    | 0    |      |
| Croydon                 | 244                             | 1012.4                                       | 0                     | WSW    | 3     | 0        | 58           | 85            | 9                 | 1500   | St     | 9    | -                                            | 9                     | 1012.4 | 0     | WSW      | 3            | 0             | 58                | 85     | 9    | 1500   | St     | 9    | -    | 1    | 0    |      |
| Olaeton-on-Sea          | 54                              | 1012.4                                       | 0                     | W      | 2     | b        | 58           | 91            | 8                 | -      | -      | 0    | ACu                                          | 3                     | 1012.4 | +1    | W        | 3            | c             | 59                | 85     | 4    | 1500   | Cu     | 2    | 1    | 0    | 0    |      |
| Shoeburyness            | 11                              | 1012.4                                       | 0                     | W      | 2     | b        | 58           | 91            | 8                 | -      | -      | 0    | ACu                                          | 3                     | 1012.4 | 0     | WSW      | 3            | c             | 59                | 85     | 4    | -      | -      | 0    | 1    | 0    | 0    |      |
| Grain                   | 20                              | 1012.4                                       | 0                     | W      | 2     | b        | 58           | 91            | 8                 | -      | -      | 0    | ACu                                          | 3                     | 1012.4 | +1    | WSW      | 3            | opr           | 60                | 85     | 8    | 5000   | St. Cu | 0    | 1    | 0    | 0    |      |
| Lympne                  | 350                             | 1012.4                                       | 0                     | W      | 2     | b        | 58           | 91            | 8                 | -      | -      | 0    | ACu                                          | 3                     | 1012.4 | +1    | WSW      | 2            | 0             | 58                | 85     | 9    | 5000   | St. Cu | 2    | 1    | 0    | 0    |      |
| Scilly (St. Mary's)     | 131                             | 1016.4                                       | 0                     | W/N    | 3     | opr      | 57           | 92            | 8                 | 4000   | Nb     | 10   | -                                            | 10                    | 1014.5 | -1    | W/N      | 5            | opr           | 56                | 92     | 4    | 2500   | Cu. Nb | 10   | -    | 5    | 0    |      |
| Falmouth (Pendennis)    | 200                             | 1016.3                                       | 0                     | W      | 4     | opr      | 58           | 85            | 4                 | 4000   | St. Cu | 10   | -                                            | 10                    | 1013.1 | -1    | WSW      | 4            | bc            | 58                | 85     | 8    | 5000   | St. Cu | 5    | -    | 8    | 0    |      |
| Plymouth (Cattewater)   | 82                              | 1016.3                                       | 0                     | W      | 4     | opr      | 58           | 85            | 4                 | 4000   | St. Cu | 10   | -                                            | 10                    | 1013.6 | 0     | W        | 3            | c             | 59                | 85     | 4    | 1500   | St. Cu | 8    | -    | 4    | 0    |      |
| Portland Bill           | 19                              | 1014.2                                       | 0                     | W/N    | 2     | b        | 59           | 85            | 8                 | -      | 0      | ACu  | 3                                            | 1013.8                | -1     | W/N   | 3        | c            | 60            | 85                | 8      | -    | St. Cu | 4      | -    | 10   | 0    |      |      |
| Southampton (Cas. shot) | 12                              | 1014.3                                       | 0                     | W/N    | 3     | opr      | 59           | 85            | 8                 | 5000   | St. Cu | 10   | -                                            | 10                    | 1013.9 | 0     | W/N      | 3            | opr           | 61                | 85     | 8    | 5000   | St. Cu | 10   | -    | 10   | 0    |      |
| Dungeness               | 21                              | 1012.4                                       | 0                     | WSW    | 3     | b        | 60           | 94            | 4                 | -      | 0      | ACu  | 3                                            | 1013.9                | +1     | W     | 2        | 0            | 61            | 85                | 8      | 5000 | St. Cu | 9      | -    | 10   | 0    |      |      |
| Jersey                  | 25                              | 1016.3                                       | 0                     | W      | 1     | opr      | 58           | 85            | 4                 | 4000   | St. Cu | 10   | -                                            | 10                    | 1015.5 | 0     | W        | 3            | 0             | 60                | 85     | 8    | 4000   | St. Cu | 10   | -    | 10   | 0    |      |
| Guernsey                | -                               | 1016.3                                       | 0                     | W      | 1     | opr      | 58           | 85            | 4                 | 4000   | St. Cu | 10   | -                                            | 10                    | 1015.5 | 0     | W        | 3            | 0             | 60                | 85     | 8    | 4000   | St. Cu | 10   | -    | 10   | 0    |      |

### WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR *16<sup>th</sup> July*

| STATIONS.          | WEATHER.   |             | TEMPERATURE. |           | RAINFALL†     |             | SUNSHINE.       |                | STATIONS.                | WEATHER.   |             | TEMPERATURE. |           | RAINFALL†     |             | SUNSHINE.       |                |
|--------------------|------------|-------------|--------------|-----------|---------------|-------------|-----------------|----------------|--------------------------|------------|-------------|--------------|-----------|---------------|-------------|-----------------|----------------|
|                    | Fore-noon. | After-noon. | Min. Night.  | Max. Day. | Night 17h-9h. | Day 9h-17h. | Sunrise to 17h. | Sunset to 17h. |                          | Fore-noon. | After-noon. | Min. Night.  | Max. Day. | Night 17h-9h. | Day 9h-17h. | Sunrise to 17h. | Sunset to 17h. |
|                    |            |             |              |           |               |             |                 |                |                          |            |             |              |           |               |             |                 |                |
| Montrose ...       | bcb        | bc          | 58           | 70        | mm.           | mm.         | hr.             | hr.            | Ilfracombe ...           | bcb        | bcb         | 59           | 64        | 4             | -           | 9.1             | 0.0            |
| Berwick-on-Tweed   | pr. bc     | bcb         | 54           | 67        | 3             | -           | 7.4             | 2.3            | Bude ...                 | c          | c           | 59           | 68        | 2             | -           | 4.1             | 0.0            |
| Llandudno ...      | bcb        | bc          | 58           | 67        | 1             | -           | 9.2             | 1.1            | Pennance ...             | bcb        | bc          | 59           | 68        | 2             | -           | 5.3             | 0.0            |
| Colwyn Bay ...     | bcb        | bcb         | 58           | 69        | 4             | -           | 8.8             | 3.6            | Paignton ...             | bcb        | bcb         | 59           | 68        | 2             | -           | 7.2             | 0.0            |
| Rhyl ...           | bcb        | bc          | 59           | 72        | 3             | -           | 8.7             | 2.7            | Terquay ...              | b          | b           | 59           | 72        | -             | -           | 9.4             | 0.0            |
| Southport ...      | bcb        | bcb         | 58           | 66        | -             | -           | 7.2             | 1.9            | Weymouth ...             | bcb        | bcb         | 59           | 74        | 4             | -           | -               | -              |
| Blackpool ...      | bcb        | bc          | 58           | 67        | 7             | -           | 7.5             | 0.2            | Bournemouth ...          | b          | b           | 59           | 75        | 1             | -           | 9.0             | 1.2            |
| Ilkley ...         | bcb        | b           | 56           | 68        | 2             | -           | 9.4             | 1.9            | Portsmouth (S. S. S. S.) | bcb        | bcb         | 60           | 75        | 1             | -           | 8.4             | 1.9            |
| Harrogate ...      | b          | b           | 55           | 65        | 1             | -           | 7.4             | 1.9            | Worthing ...             | bcb        | bcb         | 60           | 70        | 2             | -           | 6.3             | 2.2            |
| Skegness ...       | 0          | 0           | 58           | 72        | 0.1           | 2           | 4.3             | 3.8            | Brighton ...             | bcb        | bcb         | 59           | 66        | 1             | -           | 7.4             | 1.9            |
| Aberystwyth ...    | bcb        | b           | 59           | 64        | 3             | -           | 5.0             | 0.0            | Eastbourne ...           | bcb        | bcb         | 58           | 67        | 3             | -           | 6.5             | 3.0            |
| Bath ...           | bcb        | b           | 61           | 72        | 0.3           | -           | 9.4             | 0.4            | Hastings ...             | bcb        | bcb         | 59           | 69        | 2             | -           | 7.1             | 1.9            |
| Leamington Spa ... | c          | bc          | 58           | 71        | -             | -           | 6.4             | 6.4            | Folkestone ...           | bcb        | bcb         | 59           | 69        | 2             | -           | 7.4             | 1.9            |
| Lowestoft ...      | bcb        | bc          | 58           | 75        | 4             | -           | 4.2             | 0.0            | Tenbridge Wells ...      | bcb        | bcb         | 59           | 76        | 0.3           | -           | 5.5             | 6.2            |
| Felixstowe ...     | bcb        | bc          | 61           | 76        | 1             | -           | 6.2             | 3.7            | Ramsgate ...             | bcb        | bcb         | 59           | 76        | -             | -           | 5.0             | 5.4            |
| Southend ...       | bc         | bc          | 61           | 78        | -             | -           | 7.2             | 7.8            | Margate ...              | bcb        | bcb         | 60           | 75        | -             | -           | 8.0             | -              |
|                    |            |             |              |           |               |             |                 |                | Deal ...                 | bcb        | bcb         | 60           | 75        | -             | -           | -               | -              |

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## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.22518

WEDNESDAY, 18<sup>th</sup> JULY, 1923.

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| STATIONS.               | Observations at 1900 G.M.T. 17 <sup>th</sup> |                    |       |       |          |           |             |                 |        |      |      |      | Observations at 1900 G.M.T. 18 <sup>th</sup> |                    |       |      |          |           |             |                 |        |      |        |      |      |       |       |
|-------------------------|----------------------------------------------|--------------------|-------|-------|----------|-----------|-------------|-----------------|--------|------|------|------|----------------------------------------------|--------------------|-------|------|----------|-----------|-------------|-----------------|--------|------|--------|------|------|-------|-------|
|                         | Barom. at m.b.                               | Change in 3 Hours. | Wind. |       | Weather. | Temp. °F. | Humidity. % | Visibility. 0-9 | Cloud. |      |      |      | Barom. at m.b.                               | Change in 3 Hours. | Wind. |      | Weather. | Temp. °F. | Humidity. % | Visibility. 0-9 | Cloud. |      |        |      |      |       |       |
|                         |                                              |                    | Dir.  | Force |          |           |             |                 | 0-12   | 0-10 | 0-10 | 0-10 |                                              |                    | 0-12  | 0-10 |          |           |             |                 | 0-10   | 0-10 |        |      |      |       |       |
|                         |                                              |                    |       |       |          |           |             |                 |        |      |      |      |                                              |                    |       |      |          |           |             |                 |        |      | Height | Form | Amt. | Upper | Total | Height | Form | Amt. | Upper | Total |
| (For heights see p. 4). |                                              |                    |       |       |          |           |             |                 | Feet   |      |      |      |                                              |                    |       |      |          |           | Feet        |                 |        |      |        |      |      |       |       |
| Lerwick                 | 1001.4                                       | 0                  | SSE   | 1     | bc       | 57        | 75          | 7               | 4000   | CuNb | 3    | Cc   | 6                                            | 1000.9             | -1    | SSW  | 1        | c         | 54          | 85              | 7      | 5700 | StC    | 3    | Ac   | 8     | 0     |
| Stornoway               | 997.6                                        | +1                 | WSW   | 3     | opr      | 54        | 92          | 6               | 450    | St   | 10   | -    | 10                                           | 999.8              | +2    | W    | 3        | opr       | 56          | 85              | 6      | 450  | St     | 2    | -    | 2     | 0     |
| Wick                    | 999.1                                        | 0                  | SW    | 3     | cpr      | 58        | 85          | 6               | 2500   | CuNb | 8    | -    | 8                                            | 999.9              | +2    | N    | 1        | opr       | 55          | 85              | 9      | 2500 | CuNb   | 7    | Ac   | 9     | 0     |
| Castellbay              | 1000.8                                       | +3                 | WSW   | 4     | bc       | 56        | 92          | 7               | 2500   | Cu   | 2    | Asr  | 6                                            | 1002.5             | +1    | W    | 4        | bc        | 55          | 85              | 8      | 4000 | Cu     | 6    | -    | 6     | 0     |
| Nairn                   | 1001.5                                       | -2                 | SW'S  | 4     | c        | 64        | 55          | 8               | 4000   | Cu   | 7    | -    | 7                                            | 1001.4             | +     | WSW  | 4        | c         | 60          | 55              | 8      | 1500 | St     | 7    | -    | 7     | 0     |
| Aberdeen                | 1001.5                                       | -2                 | SW'S  | 4     | c        | 64        | 55          | 8               | 4000   | Cu   | 7    | -    | 7                                            | 1001.9             | +1    | SW   | 3        | bchp      | 65          | 45              | 8      | 4000 | CuNb   | 4    | -    | 4     | 0     |
| Malla Head              | 1003.8                                       | +2                 | WSW   | 5     | b/r      | 58        | 75          | 8               | 5700   | CuNb | 2    | Ac   | 3                                            | 1004.8             | +1    | W    | 5        | b/r       | 55          | 85              | 8      | 5700 | CuNb   | 3    | Ac   | 3     | 0     |
| Benbow                  | 1004.4                                       | +1                 | SW    | 4     | c/r      | 60        | 65          | 8               | 2500   | StC  | 8    | -    | 8                                            | 1005.1             | +1    | WSW  | 4        | opr       | 59          | 65              | 8      | 2500 | StC    | 9    | -    | 9     | 0     |
| Edinburgh (Leith)       | 1003.3                                       | -1                 | WSW   | 5     | c        | 59        | 75          | 8               | 4000   | Cu   | 7    | -    | 7                                            | 1004.4             | 0     | WSW  | 5        | bc        | 58          | 75              | 8      | 4000 | Cu     | 4    | -    | 4     | 0     |
| Leuchars                | 1003.1                                       | 0                  | SW    | 5     | c        | 65        | 55          | 8               | 4000   | StC  | 7    | -    | 7                                            | 1003.6             | +1    | WSW  | 4        | c         | 62          | 55              | 8      | 4000 | StC    | 7    | -    | 7     | 0     |
| Blackburn               | 1003.8                                       | 0                  | WSW   | 5     | opr      | 53        | 85          | 7               | 2500   | StC  | 9    | -    | 9                                            | 1006.5             | +1    | SW'S | 4        | opr       | 54          | 75              | 7      | 2500 | StC    | 10   | -    | 10    | 0     |
| Tynemouth               | 1006.2                                       | -1                 | W     | 3     | c        | 67        | 45          | 6               | 2500   | CuNb | 9    | -    | 9                                            | 1006.3             | +1    | W    | 2        | c         | 62          | 55              | 7      | 2500 | CuNb   | 3    | Ac   | 9     | 0     |
| Blackrod Point          | 1007.7                                       | +1                 | SW    | 5     | c        | 58        | 75          | 8               | *      | *    | *    | 10   | 1008.6                                       | +1                 | SW    | 5    | bc       | 58        | 85          | 8               | *      | *    | *      | 5    | 4    |       |       |
| Donaghadee              | 1007.2                                       | 0                  | W'N   | 4     | c        | 62        | 55          | 8               | 1500   | Cu   | 7    | -    | 7                                            | 1007.4             | 0     | W    | 3        | b/r       | 56          | 85              | 8      | 1500 | Cu     | 5    | -    | 5     | 3     |
| Pier Castle             | 1006.7                                       | 0                  | SW    | 1     | opr      | 59        | 75          | 7               | 2500   | Nb   | 9    | -    | 9                                            | 1009.6             | +     | SW   | 2        | c         | 59          | 65              | 7      | 2500 | Nb     | 8    | -    | 8     | 4     |
| Holyhead                | 1009.5                                       | 0                  | SSW   | 5     | c        | 60        | 65          | 9               | 5700   | StC  | 5    | Ac   | 7                                            | 1009.2             | -1    | SW   | 4        | c/r       | 57          | 85              | 8      | 4000 | StC    | 8    | -    | 8     | 4     |
| Liverpool (Bidston)     | 1009.0                                       | 0                  | WSW   | 4     | bc       | 61        | 65          | 8               | 2500   | Cu   | 6    | -    | 6                                            | 1008.6             | 0     | SW'S | 3        | c         | 62          | 55              | 8      | 2500 | Cu     | 5    | Cc   | 8     | 4     |
| Chester (Shotwick)      | 1008.9                                       | -1                 | WSW   | 4     | c        | 67        | 45          | 9               | 4000   | Cu   | 8    | -    | 8                                            | 1008.9             | 0     | SW   | 5        | bc        | 65          | 55              | 9      | 4000 | StC    | 4    | Cc   | 5     | 0     |
| Spain Head              | 1009.1                                       | -2                 | SW    | 4     | c        | 65        | 65          | 7               | 5700   | StC  | 10   | -    | 10                                           | 1009.9             | +1    | WSW  | 4        | c         | 67          | 65              | 7      | -    | -      | 0    | Ac   | 7     | 4     |
| Birmingham (Edgbaston)  | 1010.1                                       | -1                 | WSW   | 4     | c        | 66        | 65          | 8               | 5700   | StC  | 7    | -    | 7                                            | 1010.3             | 0     | W    | 3        | opr       | 66          | 85              | 8      | 2500 | CuNb   | 9    | -    | 9     | 0     |
| Nottingham              | 1009.4                                       | -1                 | W     | 3     | bc       | 66        | 65          | 8               | 1500   | CuNb | 6    | -    | 6                                            | 1009.3             | 0     | SW   | 3        | c         | 64          | 75              | 8      | 1500 | StC    | 9    | -    | 9     | 0     |
| Greenwell               | 1010.5                                       | 0                  | SSW   | 4     | b        | 66        | 55          | 8               | 2500   | Cu   | 2    | -    | 2                                            | 1010.0             | 0     | SW'S | 3        | c         | 63          | 65              | 8      | 2500 | StC    | 10   | -    | 10    | 0     |
| Gravelton               | 1011.6                                       | 0                  | W'S   | 3     | c        | 67        | 65          | 7               | 5700   | StC  | 7    | -    | 7                                            | 1011.8             | 0     | WSW  | 3        | opr       | 65          | 65              | 7      | 2500 | Nb     | 9    | -    | 9     | 0     |
| Valencia (Cahireiro)    | 1011.7                                       | +2                 | WSW   | 3     | c        | 61        | 65          | 8               | 2500   | StC  | 7    | -    | 7                                            | 1012.9             | +1    | W'N  | 4        | bc        | 60          | 75              | 8      | 2500 | StC    | 6    | -    | 6     | 4     |
| Roshe Point             | 1010.1                                       | 0                  | W     | 3     | c        | 62        | 75          | 8               | 2500   | CuNb | 8    | -    | 8                                            | 1010.9             | +1    | W    | 3        | bc        | 62          | 65              | 9      | 2500 | CuNb   | 6    | -    | 6     | 3     |
| Pembroke (St. Ann's H.) | 1011.9                                       | 0                  | W     | 4     | c        | 62        | 75          | 8               | 4000   | StC  | 7    | -    | 7                                            | 1011.6             | -1    | WSW  | 4        | b         | 59          | 85              | 8      | 4000 | Cu     | 3    | -    | 3     | 4     |
| Ros-on-Wye              | 1010.8                                       | -1                 | WSW   | 4     | c        | 64        | 55          | 8               | 2500   | StC  | 10   | -    | 10                                           | 1011.0             | -1    | SW'S | 4        | c         | 62          | 65              | 8      | 4000 | StC    | 9    | -    | 9     | 0     |
| Benson                  | 1011.5                                       | -1                 | SW    | 4     | opr      | 67        | 65          | 9               | *      | Cu   | 9    | -    | 9                                            | 1012.9             | +1    | SW   | 2        | opr       | 60          | 92              | 9      | *    | St     | 8    | -    | 8     | 0     |
| Andover                 | 1012.7                                       | -1                 | SW    | 4     | opr      | 59        | 92          | 8               | 1500   | St   | 10   | -    | 10                                           | 1012.6             | -1    | SW'S | 3        | opr       | 60          | 85              | 8      | 2500 | St     | 10   | -    | 10    | 0     |
| S. Farnborough          | 1012.4                                       | 0                  | SW    | 4     | opr      | 65        | 65          | 8               | 2500   | Nb   | 10   | -    | 10                                           | 1012.8             | 0     | W'S  | 3        | opr       | 60          | 85              | 8      | 1500 | StC    | 10   | -    | 10    | 0     |
| London (Kew Obsv.)      | 1012.6                                       | 0                  | W     | 2     | c        | 64        | 65          | 8               | 2500   | StC  | 8    | Asr  | 10                                           | 1012.7             | 0     | SW   | 2        | c         | 63          | 75              | 8      | 2500 | StC    | 10   | -    | 10    | 0     |
| Croydon                 | 1012.9                                       | 0                  | SW'S  | 3     | c        | 64        | 65          | 8               | 2500   | StC  | 10   | -    | 10                                           | 1012.7             | -1    | SW   | 3        | opr       | 62          | 75              | 8      | 2500 | StC    | 10   | -    | 10    | 0     |
| Chesham-on-Sea          | 1012.5                                       | -1                 | SW    | 4     | opr      | 66        | 65          | 8               | 4000   | Cu   | 5    | Asr  | 10                                           | 1012.1             | 0     | SW   | 4        | c         | 65          | 65              | 7      | 2500 | St     | 4    | Asr  | 10    | 1     |
| Shoeburyness            | 1012.5                                       | -1                 | SW    | 4     | opr      | 66        | 65          | 8               | 4000   | Cu   | 5    | Asr  | 10                                           | 1012.7             | 0     | WSW  | 4        | opr       | 65          | 75              | 6      | 4000 | CuNb   | 8    | Asr  | 9     | 0     |
| Grain                   | 1012.8                                       | -1                 | SW    | 5     | c        | 66        | 55          | 8               | 1500   | StC  | 10   | -    | 10                                           | 1012.8             | 0     | SW'S | 5        | c         | 65          | 65              | 8      | 2500 | StC    | 10   | -    | 10    | 0     |
| Lymington               | 1013.5                                       | 0                  | SW'S  | 4     | c        | 66        | 65          | 8               | 2500   | StC  | 8    | -    | 8                                            | 1013.7             | 0     | W    | 4        | b         | 62          | 75              | 8      | 2500 | StC    | 3    | -    | 3     | 0     |
| Bally (St. Mary's)      | 1014.8                                       | +1                 | W     | 4     | c/r      | 61        | 85          | 7               | 4000   | Cu   | 7    | -    | 7                                            | 1014.4             | 0     | W'N  | 4        | c         | 57          | 97              | 8      | 4000 | StC    | 7    | -    | 7     | 4     |
| Plymouth (Pendennis)    | 1012.7                                       | -1                 | WSW   | 6     | c        | 63        | 65          | 7               | 4000   | StC  | 7    | -    | 7                                            | 1013.0             | 0     | WSW  | 5        | c         | 61          | 75              | 8      | 4000 | StC    | 7    | -    | 7     | 0     |
| Plymouth (Cattewater)   | 1013.7                                       | 0                  | WSW   | 5     | opr      | 61        | 85          | 7               | 2500   | StC  | 10   | -    | 10                                           | 1013.5             | -1    | WSW  | 4        | opr       | 58          | 97              | 7      | 1500 | CuNb   | 9    | -    | 9     | 0     |
| Portland Bill           | 1013.9                                       | +1                 | WSW   | 3     | c        | 60        | 92          | 7               | 700    | StC  | 9    | -    | 9                                            | 1013.0             | 0     | SW   | 4        | opr       | 60          | 92              | 7      | 700  | StC    | 9    | -    | 9     | 3     |
| Boothampton (Calshot)   | 1013.6                                       | 0                  | SW    | 6     | c        | 64        | 65          | 8               | 2500   | StC  | 7    | -    | 7                                            | 1013.4             | -1    | SW'S | 6        | c         | 62          | 75              | 8      | 4000 | StC    | 8    | -    | 8     | 0     |
| Dungeness               | 1014.1                                       | +1                 | SW    | 4     | bc       | 64        | 92          | 8               | 4000   | CuNb | 2    | Ac   | 4                                            | 1013.8             | 0     | SW   | 5        | b         | 61          | 85              | 8      | -    | -      | 0    | Cc   | 3     | 5     |
| Jersey                  | 1016.1                                       | 0                  | W     | 3     | bc       | 65        | 65          | 8               | -      | -    | 0    | Ac   | 4                                            | 1015.6             | 0     | W    | 3        | bc        | 63          | 75              | 8      | -    | -      | 0    | Ac   | 4     | 0     |
| Guernsey                | 1016.5                                       | -1                 | W'S   | 6     | c        | 63        | 75          | 8               | 5700   | Cu   | 1    | Ac   | 8                                            | 1016.8             | 0     | W    | 5        | c         | 60          | 85              | 8      | -    | -      | 0    | Ac   | 9     | 0     |

| LONDON OBSERVATIONS. |  |  |  |  |  |  |  |  |  | WEATHER. |            |        |          | TEMPERATURE. |                    |      |        | RAIN-FALL.    |              | SUN-SHINE.                                    |      | HUMIDITY. |      | ATMOSPHERIC POLLUTION.      |      |      |      | POLE STAR RECORD at Greenwich, Eng. |      |      |      | CODE FOR STATE OF SKY.                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------------|--|--|--|--|--|--|--|--|--|----------|------------|--------|----------|--------------|--------------------|------|--------|---------------|--------------|-----------------------------------------------|------|-----------|------|-----------------------------|------|------|------|-------------------------------------|------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 24 hours ended 0700  |  |  |  |  |  |  |  |  |  | Morning. | Afternoon. | Night. | Max. °F. | Min. °F.     | Min. on Grass. °F. | Day. | Night. | 15h. G.M.T. % | 9h. G.M.T. % | Milligrams of Solid Impurity per cubic metre. |      |           |      | Exposure from 10.10 to 2.10 |      |      |      | Stars. Exposure. Record.            |      |      |      | 0=Dry ground. 1=Wet ground. 2=Soft (muddy) wet ground. 3=Bare ground frozen (but less than 2 ins. deep). 4=Bare ground frozen (but more than 2 ins. deep). 5=Dew (or wet grass but not wet ground). 6=Stating to-day in 1900 and 1901 reports (Hear frost in 1900 and 0700 reports). 7=Snow (thin layer, often not continuous). 8=Snow (deep, impeding traffic, usually a continuous layer). 9=Glaiced roads (ice on roads from frozen rain or melted snow). |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 24 hours ended 0700  |  |  |  |  |  |  |  |  |  | 0-10     | 0-10       | 0-10   | 0-10     | 0-10         | 0-10               | 0-10 | 0-10   | 0-10          | 0-10         | 0-10                                          | 0-10 | 0-10      | 0-10 | 0-10                        | 0-10 | 0-10 | 0-10 | 0-10                                | 0-10 | 0-10 | 0-10 | 0-10                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 |

## LONDON OBSERVATIONS.

## WEATHER.

## TEMPERATURE.

## RAINFALL.

## SUNSHINE.

## HUMIDITY.

## ATMOSPHERIC POLLUTION.

## POLAR STAR RECORD.

## CODE FOR STATE OF GROUND.

24 HOURS ENDED 0700 G.M.T. 18<sup>th</sup> JULY.24 HOURS ENDED 0700 G.M.T. 18<sup>th</sup> JULY.24 HOURS ENDED 0700 G.M.T. 18<sup>th</sup> JULY.24 HOURS ENDED 0700 G.M.T. 18<sup>th</sup> JULY.24 HOURS ENDED 0700 G.M.T. 18<sup>th</sup> JULY.24 HOURS ENDED 0700 G.M.T. 18<sup>th</sup> JULY.24 HOURS ENDED 0700 G.M.T. 18<sup>th</sup> JULY.24 HOURS ENDED 0700 G.M.T. 18<sup>th</sup> JULY.24 HOURS ENDED 0700 G.M.T. 18<sup>th</sup> JULY.

## Kew Observatory.

## Kew Observatory.

## Kew Observatory.

## Kew Observatory.

## Kew Observatory.

## Kew Observatory.

## Kew Observatory.

## Kew Observatory.

## Kew Observatory.

## Greenwich (Royal Obsv.).

## Greenwich (Royal Obsv.).

## Greenwich (Royal Obsv.).

## Greenwich (Royal Obsv.).

## Greenwich (Royal Obsv.).

## Greenwich (Royal Obsv.).

## Greenwich (Royal Obsv.).

## Greenwich (Royal Obsv.).

## Greenwich (Royal Obsv.).

## Wentworth (St. James' Pk.).

## Wentworth (St. James' Pk.).

## Wentworth (St. James' Pk.).

## Wentworth (St. James' Pk.).

## Wentworth (St. James' Pk.).

## Wentworth (St. James' Pk.).

## Wentworth (St. James' Pk.).

## Wentworth (St. James' Pk.).

## Wentworth (St. James' Pk.).

## Regent's Pk. (Botanic Garden).

## Regent's Pk. (Botanic Garden).

## Regent's Pk. (Botanic Garden).

## Regent's Pk. (Botanic Garden).

## Regent's Pk. (Botanic Garden).

## Regent's Pk. (Botanic Garden).

## Regent's Pk. (Botanic Garden).

## Regent's Pk. (Botanic Garden).

## Regent's Pk. (Botanic Garden).

## Camden Square.

## Camden Square.

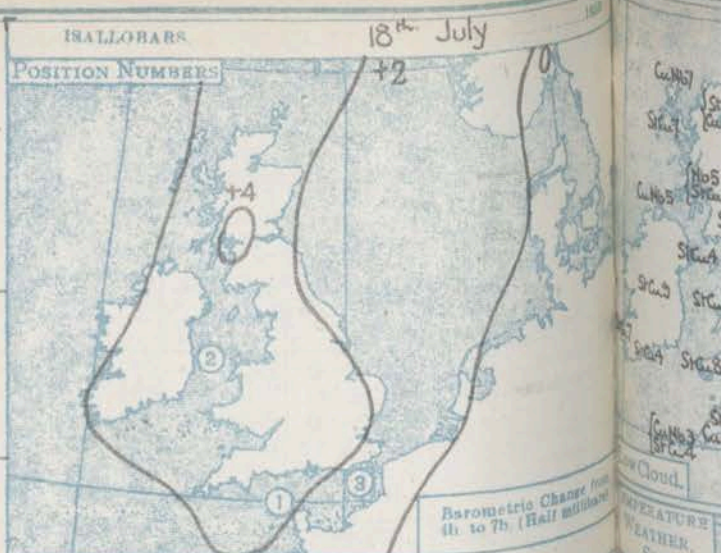
## Camden Square.

## Camden Square.

## Camden Square.



| STATIONS.                   | SUMMARY FOR THE PRESENT HOUR. |                |               |              |                        |                         |                      |                       |                         |                         | 500 ft.<br>1/2<br>Hours. |
|-----------------------------|-------------------------------|----------------|---------------|--------------|------------------------|-------------------------|----------------------|-----------------------|-------------------------|-------------------------|--------------------------|
|                             | WEATHER.                      |                |               |              | TEMPERATURE.           |                         |                      | RAINFALL.             |                         |                         |                          |
|                             | 7h-10h<br>1/4                 | 10h-12h<br>1/4 | 12h-1h<br>1/4 | 1h-7h<br>1/4 | MAX.<br>Day.<br>7h-12h | MIN.<br>Night<br>12h-7h | MIN.<br>on<br>7h-12h | Day.<br>7h-12h<br>mm. | Night.<br>12h-7h<br>mm. | Precipitation<br>began. | Precipitation<br>ended.  |
| Lerwick ...                 | bc                            | c              | b             | c            | 59                     | 50                      | .                    | Trace                 | -                       | <2100                   | 4.8                      |
| Stornoway ...               | p                             | p              | p             | cpr          | 60                     | 50                      | .                    | 5                     | 5                       | -                       | 3.8                      |
| Wick ...                    | r                             | opr            | op            | op           | 60                     | 49                      | .                    | 2                     | 0.6                     | 1100                    | 8.9                      |
| Castlety ...                | opc                           | copc           | cobp          | opc          | 59                     | 51                      | .                    | 1                     | 0.3                     | -                       | 4.9                      |
| Nairn ...                   | cpcq                          | bcq            | cp            | pcq          | 65                     | 50                      | .                    | -                     | 0.3                     | -                       | 4.0                      |
| Aberdeen ...                | bc                            | bcp            | bcb           | bcb          | 65                     | 48                      | 36                   | Trace                 | Trace                   | 1330                    | 11.0                     |
| Malin Head ...              | pr                            | pr             | pr            | pr           | 60                     | 52                      | .                    | 1                     | 1                       | <2100                   | 8.4                      |
| Renfrew ...                 | op                            | op             | op            | op           | 62                     | 48                      | 44                   | 0.5                   | 1                       | <2100                   | 4.9                      |
| Edinburgh (Inchkeith) ...   | p                             | c              | p             | bc           | 60                     | 50                      | 44                   | 0.4                   | 0.5                     | 1230                    | 9.4                      |
| Leuchers ...                | cpr                           | cpr            | cpr           | bcb          | 66                     | 43                      | 35                   | Trace                 | -                       | <2100                   | 11.0                     |
| Edinburgh ...               | r                             | op             | op            | oc           | 59                     | 43                      | 36                   | 4                     | 0.5                     | <2100                   | 5.4                      |
| Tynemouth ...               | m                             | m              | m             | bcb          | 64                     | 51                      | 45                   | -                     | -                       | -                       | .                        |
| Blackhead Point ...         | b                             | c              | c             | b            | 60                     | 49                      | .                    | 0.5                   | 1                       | -                       | .                        |
| Donaghadee ...              | bcp                           | bcp            | bc            | bc           | 64                     | 49                      | .                    | 1                     | -                       | 1230                    | .                        |
| Birr Castle ...             | pr                            | pr             | cpr           | co           | 63                     | 50                      | 41                   | 0.3                   | 0.2                     | 1100                    | <2100 5.6                |
| Holyhead ...                | cpcq                          | cpr            | co            | oc           | 63                     | 50                      | 50                   | 0.2                   | -                       | 1230                    | 5.0                      |
| Liverpool (Bidston) ...     | c                             | bc             | bc            | bc           | 64                     | 54                      | 49                   | -                     | -                       | -                       | 4.4                      |
| Chester (Shotwick) ...      | oc                            | cpc            | bcb           | bc           | 71                     | 53                      | 44                   | -                     | -                       | -                       | 4.0                      |
| Spurn Head ...              | c                             | c              | c             | c            | 69                     | 55                      | 49                   | -                     | -                       | -                       | 6.5                      |
| Birmingham (Edgbaston) ...  | c                             | c              | c             | c            | 67                     | 53                      | 49                   | 0.4                   | 2                       | 0.900                   | <2100 2.3                |
| Nottingham ...              | pr                            | pr             | cpr           | co           | 70                     | 53                      | 49                   | Trace                 | Trace                   | 1100                    | - 4.4                    |
| Cranwell ...                | cpr                           | bcb            | oc            | co           | 69                     | 52                      | 48                   | Trace                 | -                       | 1100                    | - 6.2                    |
| Gorleston ...               | cpc                           | c              | c             | c            | 71                     | 56                      | .                    | -                     | -                       | -                       | - 3.4                    |
| Valencia (Cahirovee) ...    | oc                            | bcb            | bc            | bcb          | 62                     | 53                      | 45                   | Trace                 | -                       | -                       | - 6.2                    |
| Roche Point ...             | opc                           | bc             | bcb           | co           | 66                     | 53                      | .                    | 1                     | -                       | 0.900                   | - .                      |
| Pembroke (St. Ann's H.) ... | c                             | c              | c             | c            | 62                     | 54                      | .                    | -                     | -                       | -                       | - 9.4                    |
| Ros-on-Wye ...              | cpc                           | pr             | cpc           | bcb          | 67                     | 53                      | 50                   | Trace                 | -                       | 1330                    | - 3.2                    |
| Benson ...                  | pr                            | bcp            | co            | oc           | 68                     | 48                      | 39                   | Trace                 | Trace                   | -                       | - .                      |
| Andover ...                 | cpr                           | op             | op            | oc           | 67                     | 48                      | 40                   | 1                     | Trace                   | 1100                    | <2100 1.4                |
| S. Farnborough ...          | op                            | op             | oc            | bc           | 71                     | 51                      | 48                   | 0.5                   | -                       | 1230                    | - 1.1                    |
| London (Kew Obs.) ...       | cpr                           | op             | op            | op           | 69                     | 56                      | 52                   | 1                     | 1                       | 1230                    | <2100 1.2                |
| Croydon ...                 | oc                            | op             | op            | co           | 67                     | 55                      | 52                   | Trace                 | Trace                   | 1330                    | <2100 1.0                |
| Orleton-on-Sea ...          | cy                            | cy             | op            | oc           | 69                     | 54                      | 54                   | -                     | 0.3                     | -                       | <2100 1.4                |
| Shoeburyness ...            | co                            | am             | oc            | bc           | 66                     | 56                      | 54                   | Trace                 | -                       | 1430                    | - 1.2                    |
| Grain ...                   | cpc                           | c              | bc            | bc           | 70                     | 54                      | 48                   | -                     | -                       | -                       | - 1.8                    |
| Lymington ...               | ov                            | co             | bcb           | co           | 67                     | 55                      | 52                   | -                     | -                       | -                       | - 4.4                    |
| Bally (St. Mary's) ...      | op                            | op             | bc            | bcb          | 64                     | 53                      | .                    | 1                     | -                       | 1530                    | - 3.0                    |
| Falmouth (Pendennis) ...    | bcb                           | bcb            | cpc           | bc           | 64                     | 53                      | .                    | 0.3                   | -                       | <2100                   | - 6.6                    |
| Plymouth (Cattewater) ...   | co                            | op             | op            | cb           | 64                     | 53                      | 48                   | 0.3                   | Trace                   | 1330                    | <2100 2.4                |
| Portland Bill ...           | c                             | c              | c             | c            | 65                     | 53                      | .                    | -                     | -                       | -                       | - .                      |
| Southampton (Dalshol) ...   | c                             | c              | op            | c            | 64                     | 53                      | 53                   | -                     | Trace                   | -                       | 2100 3.5                 |
| Dungeness ...               | bcb                           | bcb            | bcb           | co           | 66                     | 59                      | .                    | -                     | -                       | -                       | - .                      |
| Jersey ...                  | opc                           | bc             | bcb           | op           | 66                     | 56                      | .                    | -                     | 1                       | -                       | 0.900 5.5                |
| Guernsey ...                | c                             | c              | c             | co           | 64                     | 56                      | .                    | -                     | -                       | -                       | - .                      |



| Observations from Cross Channel Steamers. |                    |            |       |        |       |
|-------------------------------------------|--------------------|------------|-------|--------|-------|
| Position.                                 | Date and Time.     | Steamship. | Wind. |        | Temp. |
|                                           |                    |            | Dir.  | Force. |       |
| 2                                         | 14 <sup>00</sup>   | Anglia     | SW    | 5      | bc    |
| 1                                         | " 14 <sup>00</sup> | Rembrandt  | W     | 5      | bc    |
| 3                                         | 15 <sup>00</sup>   | Brigstow   | W     | 5      | co    |

## GENERAL INFERENCE.

The depression between Iceland and Norway is moving away slowly, and pressure is rising generally over the British Isles. Weather is likely to be mainly fair, with a decreasing tendency for showers and a gradually rising temperature.

## Further Outlook.

Mainly fair with a rising temperature, except possibly in the extreme North and Northwest.

Districts. Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 18th July, 1923.

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 W. or N.W., light; mainly fair, local showers at first; visibility good; temperature rising gradually.

11. E. Scotland
12. S.W. Scotland
13. Isle of Man
14. N. & N.W. Scotland
15. Hebrides
16. Orkneys and Shetlands
17. N.W. Ireland
18. N.E. Ireland
19. S.E. Ireland
20. S.W. Ireland

Wind N.W., moderate to light; variable cloud, local showers; visibility good; moderate temperature.

As 1 to 10.







## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION. *WEDNESDAY, 18<sup>th</sup> JULY*.....1923.

No. 199.

| STATIONS.               | Height above M.S.L. in feet. | Observations at 0100 G.M.T. 18 <sup>th</sup> |                    |        |       |          |           |             |                 |             |      |           | Observations at 0700 G.M.T. 18 <sup>th</sup> |                  |                    |        |       |          |           |             |                 |             |      |           |             |                 |   |  |
|-------------------------|------------------------------|----------------------------------------------|--------------------|--------|-------|----------|-----------|-------------|-----------------|-------------|------|-----------|----------------------------------------------|------------------|--------------------|--------|-------|----------|-----------|-------------|-----------------|-------------|------|-----------|-------------|-----------------|---|--|
|                         |                              | Barom. at M.S.L.                             | Change in 3 Hours. | Wind.  |       | Weather. | Temp. °F. | Humidity. % | Visibility. 0-9 | Cloud.      |      |           |                                              | Barom. at M.S.L. | Change in 3 Hours. | Wind.  |       | Weather. | Temp. °F. | Humidity. % | Visibility. 0-9 | Cloud.      |      |           |             |                 |   |  |
|                         |                              |                                              |                    | Direc. | Force |          |           |             |                 | Height Feet | Form | Amt. 0-10 | Total Amt. 0-10                              |                  |                    | Direc. | Force |          |           |             |                 | Height Feet | Form | Amt. 0-10 | Upper Form. | Total Amt. 0-10 |   |  |
|                         |                              |                                              |                    |        |       |          |           |             |                 |             |      |           |                                              |                  |                    |        |       |          |           |             |                 |             |      |           |             |                 |   |  |
| Lerwick                 | 54                           | 1001.8                                       | 0                  | SW     | 1     | b        | 51        | 85          | 5               | 5400        | Str  | 2         | 2                                            | 1003.4           | 13                 | WSW    | 1     | c        | 53        | 91          | 6               | 5400        | Str  | 5         | Acu         | 8               | 3 |  |
| Stornoway               | 51                           | 1003.1                                       | 13                 | W      | 1     | PR       |           |             |                 |             |      |           |                                              | 1005.2           | 12                 | W      | 4     | opr      | 54        | 92          | 4               | 1500        | Acu  | 4         | Acu         | 9               | 1 |  |
| Wick                    | 51                           | 1002.4                                       | 12                 | SW     | 2     | 0        | 51        | 92          | 8               | 2500        | Str  | 10        | 10                                           | 1004.6           | 11                 | W      | 1     | 0        | 52        | 92          | 5               | 1500        | Nb   | 4         | Acu         | 9               | 1 |  |
| Castlebay               | 37                           |                                              |                    |        |       |          |           |             |                 |             |      |           |                                              | 1008.3           | 12                 | WNW    | 5     | c        | 53        | 85          | 8               | 2500        | Str  | 4         |             | 8               | 0 |  |
| Nairn                   | 52                           |                                              |                    |        |       |          |           |             |                 |             |      |           |                                              | 1006.1           |                    | 0      | 0     | 52       | 92        | 8           | 1500            | Str         | 8    |           | 10          | 0               |   |  |
| Aberdeen                | 46                           |                                              |                    |        |       |          |           |             |                 |             |      |           |                                              | 1006.8           | 12                 | WSW    | 2     | opr      | 53        | 95          | 8               | 4000        | Nb   | 4         | Acu         |                 |   |  |
| Malin Head              | 71                           | 1001.4                                       | 12                 | W      | 3     | bcPR     | 53        | 85          | 8               | 5400        | Acu  | 4         | 4                                            | 1010.0           | 12                 | WNW    | 5     | cPR      | 53        | 85          | 8               | 5400        | Acu  | 5         | Acu         | 4               |   |  |
| Renfrew                 | 49                           |                                              |                    |        |       |          |           |             |                 |             |      |           |                                              | 1009.4           | 15                 | WSW    | 3     | 0        | 54        | 85          | 8               | 1500        | Nb   | 10        |             |                 |   |  |
| Edinburgh (Inchkeith)   | 190                          | 1006.9                                       | 12                 | WSW    | 4     | b        | 50        | 94          | 4               |             | Acu  | 1         | Acu                                          | 2                | 1008.3             | 13     | WSW   | 4        | bc        | 54          | 85              | 8           |      | 0         | Acu         | 5               |   |  |
| Leuchars                | 36                           |                                              |                    |        |       |          |           |             |                 |             |      |           |                                              | 1004.8           | 13                 | WSW    | 2     | bc       | 56        | 95          | 8               | 4200        | Str  | 3         | Acu         | 10              |   |  |
| Edinburgh (Leith)       | 794                          |                                              |                    |        |       |          |           |             |                 |             |      |           |                                              | 1010.4           | 12                 | W/S    | 3     | 0        | 54        | 85          | 4               | 2500        | Str  | 10        |             | 5               |   |  |
| Tyemouth                | 118                          | 1008.0                                       | 11                 | W      | 1     | b        | 55        | 85          | 6               |             |      | 0         | Acu                                          | 2                | 1009.5             | 11     | SW    | 2        | bc        | 56          | 85              | 6           | 2500 | Acu       | 3           | Acu             |   |  |
| Blackhead Point         | 10                           | 1011.6                                       | 13                 | SW     | 4     | bc       | 55        | 85          | 4               |             |      |           |                                              | 1012.6           | 11                 | SW     | 4     | 0        | 55        | 85          | 8               |             |      |           | 6           | 2               |   |  |
| Donaghadee              | 35                           |                                              |                    |        |       |          |           |             |                 |             |      |           |                                              | 1012.0           | 13                 | SW     | 2     | bc       | 54        | 92          | 8               | 1500        | Str  | 4         | Acu         |                 |   |  |
| Birr Castle             | 175                          |                                              |                    |        |       |          |           |             |                 |             |      |           |                                              | 1011.3           |                    | SW     | 1     | 0        | 55        | 92          | 6               | 4000        | Str  | 9         |             | 6               | 5 |  |
| Holyhead                | 26                           | 1011.1                                       | 11                 | W      | 4     | 0        | 55        | 85          | 8               | 2500        | Str  | 10        | 10                                           | 1013.2           | 13                 | W/S    | 4     | bc       | 53        | 85          | 4               | 2500        | Str  | 3         | Acu         | 6               | 5 |  |
| Liverpool (Bidston)     | 189                          |                                              |                    |        |       |          |           |             |                 |             |      |           |                                              | 1012.5           | 12                 | WSW    | 4     | bc       | 55        | 95          | 5               | 2500        | Acu  | 4         | Acu         | 4               |   |  |
| Chester (Shotwick)      | 16                           |                                              |                    |        |       |          |           |             |                 |             |      |           |                                              | 1012.0           | 14                 | W/N    | 4     | c        | 54        | 95          | 8               | 4000        | Acu  | 4         | Acu         |                 |   |  |
| Spurn Head              | 26                           | 1009.5                                       | 11                 | SW     | 3     | bc       | 59        | 85          | 4               | 4000        | Acu  | 6         | 6                                            | 1011.9           | 12                 | W      | 4     | c        | 58        | 85          | 4               | 4000        | Str  | 5         | Acu         | 9               | 1 |  |
| Birmingham (Edgbaston)  | 525                          |                                              |                    |        |       |          |           |             |                 |             |      |           |                                              | 1013.8           | 14                 | W      | 3     | 0        | 55        | 85          | 4               | 4000        | Str  | 9         |             | 10              |   |  |
| Nottingham              | 82                           |                                              |                    |        |       |          |           |             |                 |             |      |           |                                              | 1012.9           | 10                 | W      | 2     | 0        | 54        | 95          | 4               | 2500        | Str  | 10        |             | 10              |   |  |
| Cranwell                | 237                          | 1011.3                                       | 11                 | SW     | 3     | bc       | 55        | 92          | 4               | 4000        | Str  | 5         | 5                                            | 1013.1           | 13                 | W      | 3     | 0        | 56        | 85          | 6               | 4000        | Str  | 10        |             | 0               | 6 |  |
| Gorleston               | 13                           | 1012.1                                       | 0                  | W/S    | 2     | c        | 59        | 85          | 4               | 5400        | Str  | 8         | 8                                            | 1012.6           | 11                 | WNW    | 3     | bc       | 60        | 95          | 4               | 4000        | Str  | 5         |             | 3               | 3 |  |
| Valencia (Cahalvireas)  | 30                           | 1011.5                                       | 11                 | W      | 3     | b        | 56        | 92          | 9               |             |      |           |                                              | 1011.6           | 12                 | WNW    | 2     |          | 54        | 95          | 8               | 1500        | Str  | 4         |             | 4               | 0 |  |
| Boches Point            | 32                           |                                              |                    |        |       |          |           |             |                 |             |      |           |                                              | 1011.6           | 12                 | WNW    | 3     | bc       | 54        | 85          | 8               | 4000        | Str  | 4         |             | 3               | 1 |  |
| Pembroke (St. Ann's H.) | 149                          | 1012.2                                       | 12                 | WNW    | 2     | b        | 55        | 85          | 8               | 4000        | Str  | 3         | 3                                            | 1012.5           | 12                 | WNW    | 3     | c        | 55        | 85          | 8               | 4000        | Str  | 8         |             | 5               |   |  |
| Rose-on-Wye             | 723                          |                                              |                    |        |       |          |           |             |                 |             |      |           |                                              | 1011.3           | 13                 | WSW    | 2     | c        | 58        | 95          | 8               | 4000        | Str  | 8         |             | 4               |   |  |
| Benson                  | 186                          |                                              |                    |        |       |          |           |             |                 |             |      |           |                                              | 1012.4           | 12                 | WSW    | 2     | c        | 59        | 85          | 8               |             | Acu  | 2         |             |                 |   |  |
| Andover                 | 295                          |                                              |                    |        |       |          |           |             |                 |             |      |           |                                              | 1011.4           | 12                 | W/N    | 3     | b        | 54        | 85          | 8               | 4000        | Str  | 2         | Acu         | 6               |   |  |
| E. Farnborough          | 230                          |                                              |                    |        |       |          |           |             |                 |             |      |           |                                              | 1011.4           | 12                 | W      | 3     | bc       | 58        | 85          | 8               | 4000        | Str  | 4         | Acu         | 5               |   |  |
| London (Kew Obs.)       | 13                           |                                              |                    |        |       |          | 54        |             |                 |             |      |           |                                              | 1011.5           | 13                 | W      | 2     | bc       | 59        | 85          | 8               | 1500        | Str  | 3         | Acu         | 8               |   |  |
| Oreton                  | 244                          | 1012.3                                       | 0                  | WSW    | 3     | 0        | 58        | 85          | 4               | 4000        | Str  | 10        | 10                                           | 1011.1           | 11                 | W/N    | 3     | c        | 58        | 85          | 8               | 2500        | Str  | 3         | Acu         |                 |   |  |
| Clacton-on-Sea          | 54                           |                                              |                    |        |       |          |           |             |                 |             |      |           |                                              | 1012.4           | 12                 | W      | 3     | bc       | 59        | 85          | 4               | 2500        | Str  | 1         | Acu         | 4               | 1 |  |
| Shoeburyness            | 11                           |                                              |                    |        |       |          |           |             |                 |             |      |           |                                              | 1012.0           | 0                  | WNW    | 2     | bc       | 61        | 95          | 4               | 5400        | Str  | 1         | Acu         | 5               | 0 |  |
| Graze                   | 20                           |                                              |                    |        |       |          |           |             |                 |             |      |           |                                              | 1011.0           | 11                 | WSW    | 4     | bc       | 61        | 95          | 4               | 4000        | Str  | 1         | Acu         | 10              |   |  |
| Lymington               | 350                          | 1012.4                                       | 0                  | W      | 3     | 0        | 56        | 85          | 4               | 4000        | Str  | 9         | 9                                            | 1011.6           | 12                 | W      | 3     | 0        | 59        | 95          | 8               | 1500        | Str  | 8         | Acu         |                 |   |  |
| Bell's (St. Mary's)     | 131                          | 1011.3                                       | 0                  | W/N    | 4     | b        | 56        | 92          | 8               | 4000        | Str  | 2         | 2                                            | 1011.1           | 12                 | WNW    | 1     | c        | 54        | 85          | 8               | 4000        | Str  | 4         |             | 3               | 0 |  |
| Falmouth (Pendennis)    | 200                          | 1011.4                                       | 11                 | W      | 4     | b        | 60        | 85          | 8               | 2500        | Str  | 2         | 2                                            | 1011.1           | 13                 | WNW    | 2     | b        | 59        | 85          | 8               | 4000        | Str  | 1         |             | 9               | 2 |  |
| Plymouth (Cattewater)   | 82                           |                                              |                    |        |       |          |           |             |                 |             |      |           |                                              | 1011.1           | 13                 | W      | 2     | b        | 54        | 85          | 4               | 4000        | Str  | 1         |             | 9               | 2 |  |
| Portland Bill           | 19                           | 1012.6                                       | 12                 | WSW    | 4     | c        | 59        | 92          | 4               | 4200        | Str  | 4         | 4                                            | 1012.0           | 12                 | W      | 3     | 0        | 59        | 85          | 4               | 4200        | Str  | 9         |             | 2               | 1 |  |
| Southampton (U.S. shot) | 12                           | 1012.8                                       | 0                  | WSW    | 3     | opr      | 59        | 85          | 8               | 5400        | Str  | 10        | 10                                           | 1012.0           | 12                 | WNW    | 3     | b        | 54        | 85          | 8               | 4200        | Str  | 1         | Acu         | 9               | 1 |  |
| Dungeness               | 21                           | 1012.4                                       | 0                  | SW     | 4     | c        | 59        | 94          | 8               | 4000        | Str  | 4         | 4                                            | 1011.4           | 11                 | SW     | 4     | 0        | 60        | 92          | 8               | 5400        | Str  | 9         |             | 10              | 2 |  |
| Jersey                  | 25                           |                                              |                    |        |       |          |           |             |                 |             |      |           |                                              | 1011.5           | 8                  | WNW    | 3     | opr      | 54        | 85          | 8               | 4000        | Str  | 10        |             | 4               | 0 |  |
| Guernsey                |                              | 1011.9                                       | 0                  | W      | 3     | 0        | 54        | 85          | 3               | 4200        | Str  | 10        | 10                                           | 1011.3           | 13                 | W/N    | 2     | bc       | 58        | 92          | 8               | 2500        | Str  | 1         | Acu         |                 |   |  |

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR *17<sup>th</sup> July*

| STATIONS.          | WEATHER.  |            | TEMPERATURE. |           | RAINFALL.      |              | SUNSHINE.       |                | STATIONS.            | WEATHER.  |            | TEMPERATURE. |           | RAINFALL.      |              | SUNSHINE.       |                |
|--------------------|-----------|------------|--------------|-----------|----------------|--------------|-----------------|----------------|----------------------|-----------|------------|--------------|-----------|----------------|--------------|-----------------|----------------|
|                    | Forenoon. | Afternoon. | Min. Night.  | Max. Day. | Night 17h-19h. | Day 19h-17h. | Sunrise to 17h. | Sunset to 17h. |                      | Forenoon. | Afternoon. | Min. Night.  | Max. Day. | Night 17h-19h. | Day 19h-17h. | Sunrise to 17h. | Sunset to 17h. |
|                    |           |            |              |           |                |              |                 |                |                      |           |            |              |           |                |              |                 |                |
| Montrose ...       | bc        | bc         | 49           | 66        | -              | -            | 8.1             | 1.7            | Ilfracombe ...       | ocob      | ocob       | 56           | 63        | 3              | 1            | 3.4             | 10.4           |
| Berwick-on-Tweed   | bcob      | bcob       | 53           | 64        | -              | 1            | 8.4             | 8.4            | Bude ...             | bcob      | bcob       | 57           | 65        | 1              | 0.5          | 1.5             | 5.8            |
| Llandudno ...      | ccb       | bcob       | 57           | 68        | -              | -            | 7.0             | 10.1           | Penzance ...         | bcob      | bcob       | 56           | 67        | 1              | trace        | 3.2             | 7.8            |
| Colwyn Bay ...     | bc        | bc         | 58           | 68        | -              | -            | 7.5             | 7.0            | Paignton ...         | bcob      | bcob       | 57           | 70        | -              | -            | 2.9             | 9.6            |
| Rhyl ...           | bc        | bc         | 56           | 69        | -              | -            | 5.4             | 10.5           | Terquay ...          | bcob      | bcob       | 58           | 70        | -              | -            | 1.5             | -              |
| Southport ...      | bcob      | bcob       | 57           | 66        | -              | -            | 6.1             | 7.2            | Weymouth ...         | c         | c          | 58           | 69        | -              | -            | -               | -              |
| Blackpool ...      | c         | bc         | 57           | 68        | -              | -            | 5.5             | 7.8            | Bournemouth ...      | c         | c          | 54           | 68        | -              | -            | 3.0             | 8.8            |
| Ilkley ...         | bcob      | b          | 55           | 67        | -              | -            | 7.2             | 11.1           | Portsmouth (S. thea) | bcob      | bcob       | 58           | 69        | -              | -            | 5.7             | 8.5            |
| Harrogate ...      | c         | b          | 53           | 65        | -              | -            | 6.3             | 9.6            | Worthing ...         | bcob      | bcob       | 57           | 70        | -              | -            | 5.6             | 9.0            |
| Skewness ...       | c         | c          | 54           | 73        | -              | -            | 5.4             | 3.9            | Brighton ...         | bcob      | bcob       | 59           | 65        | -              | -            | 8.0             | -              |
| Aberystwyth ...    | ocob      | b          | 58           | 63        | -              | -            | 3.0             | 6.5            | Eastbourne ...       | bcob      | b          | 58           | 66        | -              | -            | 5.6             | 8.6            |
| Bath ...           | bcob      | oc         | 57           | 66        | 0.5            | -            | 0.6             | 11.7           | Hastings ...         | bcob      | bcob       | 56           | 67        | -              | -            | 3.9             | 7.3            |
| Leamington Spa ... | bcob      | cb         | 52           | 67        | -              | -            | 2.3             | 7.1            | Folkestone ...       | o         | o          | 55           | 69        | -              | -            | 0.8             | 6.9            |
| Lowestoft ...      | ocob      | o          | 55           | 70        | -              | -            | 2.8             | 4.5            | Tanbridge Wells ...  | o         | o          | 54           | 66        | -              | -            | 3.0             | 7.3            |
| Felixstowe ...     | ocob      | co         | 56           | 68        | -              | -            | 2.1             | 8.0            | Ramsgate ...         | c         | bcob       | 57           | 67        | -              | -            | 2.1             | 3.6            |
| Southend ...       | co        | opob       | 56           | 69        | -              | -            | 0.8             | 8.1            | Margate ...          | c         | cc         | 56           | 71        | -              | -            | 2.5             | -              |

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\* Information for these columns not usually received.

† Trace = rain has fallen but amount less than 0.1 mm.

‡ For code see page 2.

§ See footnote page 1.



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION

No. B. 22519

THURSDAY, 19<sup>th</sup> July.....1923.

| Observations at 1800 G.M.T.                                                                                                            |                  |                    |       |       |          |           |             |                  |         |       |      |      |                  |                    | Observations at 1800 G.M.T.                                                                                                                                                                                                                                                                                                                                                       |         |          |           |             |                  |        |      |       |      |      |      |      |      |      |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------|-------|-------|----------|-----------|-------------|------------------|---------|-------|------|------|------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|-----------|-------------|------------------|--------|------|-------|------|------|------|------|------|------|
| STATION.                                                                                                                               | Barom. at M.S.L. | Change in 3 Hours. | Wind. |       | Weather. | Temp. °F. | Humidity. % | Variability. 0-8 | Cloud.  |       |      |      | Barom. at M.S.L. | Change in 3 Hours. | Wind.                                                                                                                                                                                                                                                                                                                                                                             |         | Weather. | Temp. °F. | Humidity. % | Variability. 0-8 | Cloud. |      |       |      |      |      |      |      |      |
|                                                                                                                                        |                  |                    | Dir.  | Force |          |           |             |                  | Height. | Form. | Amt. | Dir. |                  |                    | Force                                                                                                                                                                                                                                                                                                                                                                             | Height. |          |           |             |                  | Form.  | Amt. |       |      |      |      |      |      |      |
|                                                                                                                                        |                  |                    |       |       |          |           |             |                  |         |       |      |      |                  |                    |                                                                                                                                                                                                                                                                                                                                                                                   |         |          |           |             |                  |        |      | 0-12  | 0-12 | 0-12 | 0-12 | 0-12 | 0-12 | 0-12 |
| (For heights see p.4).                                                                                                                 | m.b.             |                    |       |       |          |           |             |                  | Feet    |       |      | m.b. |                  |                    |                                                                                                                                                                                                                                                                                                                                                                                   |         |          |           | Feet        |                  |        |      |       |      |      |      |      |      |      |
| Lerwick                                                                                                                                | 1006.6           | +4                 | SW    | 1     | C        | 57        | 75          | 8                | 4000    | Cu    | 5    | A.Cu | 8                | 1008.3             | +3                                                                                                                                                                                                                                                                                                                                                                                | W       | 1        | bc        | 56          | 75               | 8      | -    | -     |      |      |      |      |      |      |
| Bornoway                                                                                                                               | 1008.4           | +3                 | WNW   | 3     | O        | 56        | 85          | 7                | 800     | St.   | 10   | -    | 10               | 1009.6             | +1                                                                                                                                                                                                                                                                                                                                                                                | NW      | 3        | o         | 56          | 75               | 7      | 800  | St.   |      |      |      |      |      |      |
| Wick                                                                                                                                   | 1007.9           | +3                 | WNW   | 3     | OPR      | 55        | 85          | 8                | 2500    | Cu.Nb | 7    | A.Cu | 10               | 1009.6             | +2                                                                                                                                                                                                                                                                                                                                                                                | NW      | 2        | o         | 56          | 75               | 8      | 2500 | Cu.Nb |      |      |      |      |      |      |
| Castletown                                                                                                                             | 1010.8           | +1                 | WNW   | 4     | C        | 55        | 85          | 8                | 2500    | St.Cu | 7    | -    | 7                | 1012.6             | 0                                                                                                                                                                                                                                                                                                                                                                                 | W       | 4        | bc        | 56          | 75               | 8      | 2500 | Cu    |      |      |      |      |      |      |
| Klein                                                                                                                                  | 1009.1           | +1                 | E'N   | 2     | Ojp      | 61        | 75          | 8                | 4000    | Cu.Nb | 8    | A.Cu | 9                | 1010.7             | 0                                                                                                                                                                                                                                                                                                                                                                                 | WNW     | 2        | Cu        | 57          | 75               | 8      | 1500 | St.   |      |      |      |      |      |      |
| Aberdeen                                                                                                                               | 1009.1           | +1                 | E'N   | 2     | Ojp      | 61        | 75          | 8                | 4000    | Cu.Nb | 8    | A.Cu | 9                | 1011.5             | +2                                                                                                                                                                                                                                                                                                                                                                                | S       | 1        | cPR       | 57          | 85               | 7      | 2500 | Cu.Nb |      |      |      |      |      |      |
| Hall's Head                                                                                                                            | 1012.8           | +2                 | WNW   | 5     | C        | 58        | 75          | 8                | 4000    | St.Cu | 8    | -    | 8                | 1013.8             | +1                                                                                                                                                                                                                                                                                                                                                                                | WNW     | 5        | C         | 57          | 85               | 8      | 5700 | Cu    |      |      |      |      |      |      |
| Reefrow                                                                                                                                | 1012.1           | +3                 | WSW   | 4     | O/r      | 59        | 75          | 8                | 2500    | Cu.Nb | 9    | -    | 9                | 1013.5             | +2                                                                                                                                                                                                                                                                                                                                                                                | W       | 3        | o         | 59          | 75               | 8      | 2500 | St.Cu |      |      |      |      |      |      |
| Edinburgh (Leith)                                                                                                                      | 1011.0           | +2                 | WSW   | 4     | C+       | 58        | 85          | 8                | 4000    | Cu    | 4    | A.Cu | 8                | 1012.4             | +2                                                                                                                                                                                                                                                                                                                                                                                | W       | 5        | C         | 58          | 85               | 8      | -    | Cu    |      |      |      |      |      |      |
| Leith                                                                                                                                  | 1011.0           | +2                 | W     | 4     | C+       | 58        | 85          | 8                | 4000    | St.Cu | 9    | -    | 9                | 1014.5             | +2                                                                                                                                                                                                                                                                                                                                                                                | W       | 5        | bc        | 60          | 65               | 8      | 7200 | St.Cu |      |      |      |      |      |      |
| Kilmuir                                                                                                                                | 1013.3           | +2                 | W     | 4     | O        | 56        | 75          | 8                | 2500    | St.Cu | 10   | -    | 10               | 1014.3             | +2                                                                                                                                                                                                                                                                                                                                                                                | W'N     | 4        | C-        | 59          | 65               | 8      | 2500 | St.Cu |      |      |      |      |      |      |
| Tyngmouth                                                                                                                              | 1011.9           | +2                 | W     | 2     | Cjp      | 60        | 75          | 7                | 2500    | Cu.Nb | 7    | -    | 7                | 1013.3             | +1                                                                                                                                                                                                                                                                                                                                                                                | W       | 3        | bc        | 62          | 65               | 7      | 2500 | Cu.Nb |      |      |      |      |      |      |
| Dunrobin Point                                                                                                                         | 1016.8           | +2                 | SW    | 4     | O        | 58        | 85          | 8                | -       | -     | -    | 10   | 1016.8           | +1                 | SW                                                                                                                                                                                                                                                                                                                                                                                | 4       | O        | 56        | 92          | 8                | -      | -    |       |      |      |      |      |      |      |
| Dunrobin                                                                                                                               | 1014.5           | +2                 | WSW   | 1     | C/r      | 59        | 75          | 8                | 2500    | St.   | 5    | A.Cu | 7                | 1015.2             | +1                                                                                                                                                                                                                                                                                                                                                                                | ENE     | 1        | bc        | 58          | 75               | 8      | 1500 | Cu    |      |      |      |      |      |      |
| Bar Castle                                                                                                                             | 1017.1           | 0                  | W     | 1     | O/r      | 56        | 92          | 6                | 4000    | St.Cu | 9    | -    | 9                | 1017.2             | 0                                                                                                                                                                                                                                                                                                                                                                                 | SW      | 1        | C-        | 62          | 65               | 8      | 4000 | St.Cu |      |      |      |      |      |      |
| Islay                                                                                                                                  | 1016.4           | 0                  | SW    | 4     | O        | 60        | 75          | 8                | 4000    | St.Cu | 10   | -    | 10               | 1017.8             | -1                                                                                                                                                                                                                                                                                                                                                                                | SW      | 4        | OPR       | 59          | 75               | 9      | 4000 | St.Cu |      |      |      |      |      |      |
| Isle of Skye (Bridgton)                                                                                                                | 1015.4           | +3                 | W     | 4     | bc       | 59        | 75          | 8                | 2500    | Cu    | 4    | -    | 4                | 1016.2             | +1                                                                                                                                                                                                                                                                                                                                                                                | W       | 4        | C+        | 60          | 65               | 9      | 4000 | St.Cu |      |      |      |      |      |      |
| Oban (Bridgton)                                                                                                                        | 1015.4           | +3                 | WNW   | 5     | O        | 63        | 65          | 9                | 2500    | St.Cu | 9    | -    | 9                | 1016.5             | +1                                                                                                                                                                                                                                                                                                                                                                                | WNW     | 4        | O+        | 62          | 65               | 8      | 4000 | St.Cu |      |      |      |      |      |      |
| Spain Head                                                                                                                             | 1014.1           | +4                 | W     | 4     | O+       | 62        | 75          | 7                | 4000    | Nb    | 10   | -    | 10               | 1015.4             | +3                                                                                                                                                                                                                                                                                                                                                                                | WNW     | 5        | C         | 63          | 75               | 7      | -    | -     |      |      |      |      |      |      |
| Burnham (Highgate)                                                                                                                     | 1015.5           | +2                 | W     | 4     | O        | 62        | 75          | 8                | 5700    | St.Cu | 9    | -    | 9                | 1017.1             | +2                                                                                                                                                                                                                                                                                                                                                                                | NW      | 4        | bc        | 62          | 75               | 8      | 4000 | Cu.Nb |      |      |      |      |      |      |
| Nottingham                                                                                                                             | 1015.0           | +2                 | W     | 3     | O        | 62        | 65          | 7                | 2500    | St.Cu | 10   | -    | 10               | 1016.1             | +1                                                                                                                                                                                                                                                                                                                                                                                | WNW     | 3        | bc        | 64          | 55               | 8      | 4000 | Cu    |      |      |      |      |      |      |
| Croft                                                                                                                                  | 1015.1           | +1                 | W     | 3     | O        | 62        | 65          | 8                | 4000    | St.Cu | 8    | A.Cu | 9                | 1016.2             | +2                                                                                                                                                                                                                                                                                                                                                                                | WNW     | 3        | bc        | 63          | 55               | 7      | 2500 | St.Cu |      |      |      |      |      |      |
| Gordon                                                                                                                                 | 1015.0           | +2                 | NW    | 1     | O+       | 66        | 55          | 6                | 4000    | Cu    | 9    | -    | 9                | 1016.1             | +1                                                                                                                                                                                                                                                                                                                                                                                | -       | 0        | o         | 62          | 75               | 7      | 4000 | Cu    |      |      |      |      |      |      |
| Valencia (Chiroiroen)                                                                                                                  | 1019.3           | +2                 | W'S   | 3     | O+       | 59        | 85          | 8                | 2500    | St.Cu | 6    | A.St | 10               | 1020.3             | +1                                                                                                                                                                                                                                                                                                                                                                                | W       | 3        | C         | 59          | 75               | 8      | 2500 | St.Cu |      |      |      |      |      |      |
| Rodas Point                                                                                                                            | 1017.9           | +3                 | W     | 1     | bc       | 62        | 75          | 8                | 4000    | St.Cu | 4    | -    | 4                | 1018.2             | 0                                                                                                                                                                                                                                                                                                                                                                                 | WNW     | 3        | C-        | 63          | 75               | 8      | 4000 | St.Cu |      |      |      |      |      |      |
| Pembroke (St. Ann's H.)                                                                                                                | 1018.1           | +2                 | W     | 2     | b        | 58        | 75          | 9                | 4000    | Cu    | 1    | A.St | 3                | 1018.9             | +2                                                                                                                                                                                                                                                                                                                                                                                | W       | 3        | bc        | 57          | 85               | 8      | -    | -     |      |      |      |      |      |      |
| Ross-on-Wye                                                                                                                            | 1015.9           | +1                 | W'S   | 3     | O        | 65        | 55          | 9                | 4000    | St.Cu | 9    | -    | 9                | 1017.1             | +1                                                                                                                                                                                                                                                                                                                                                                                | W       | 2        | C         | 63          | 45               | 9      | 4000 | St.Cu |      |      |      |      |      |      |
| Boson                                                                                                                                  | 1015.8           | +1                 | W'SW  | 3     | C        | 69        | 55          | 8                | -       | Cu    | 7    | -    | 7                | 1017.1             | +1                                                                                                                                                                                                                                                                                                                                                                                | WNW     | 2        | C         | 65          | 55               | 9      | -    | St.Cu |      |      |      |      |      |      |
| Andover                                                                                                                                | 1016.2           | +1                 | W'N   | 4     | C        | 65        | 55          | 8                | 5700    | Cu    | 8    | -    | 8                | 1017.7             | +2                                                                                                                                                                                                                                                                                                                                                                                | W'N     | 4        | C         | 64          | 55               | 8      | 7200 | St.Cu |      |      |      |      |      |      |
| S. Farnborough                                                                                                                         | 1015.8           | +2                 | W     | 3     | C        | 71        | 45          | 8                | 2500    | Cu    | 8    | -    | 8                | 1016.8             | +2                                                                                                                                                                                                                                                                                                                                                                                | W'N     | 3        | C         | 69          | 55               | 8      | 2500 | Cu    |      |      |      |      |      |      |
| London (Kew Obey.)                                                                                                                     | 1016.2           | +3                 | W     | 2     | C        | 66        | 45          | 8                | 4000    | Cu    | 7    | A.Cu | 8                | 1017.2             | +2                                                                                                                                                                                                                                                                                                                                                                                | W'S     | 1        | C         | 67          | 45               | 8      | 4000 | Cu    |      |      |      |      |      |      |
| Oxford                                                                                                                                 | 1015.9           | +2                 | WNW   | 2     | C+       | 66        | 55          | 8                | 4000    | St.Cu | 8    | -    | 8                | 1016.9             | +2                                                                                                                                                                                                                                                                                                                                                                                | WNW     | 2        | O-        | 65          | 55               | 8      | 5700 | St.Cu |      |      |      |      |      |      |
| Orton-on-Sea                                                                                                                           | 1016.2           | +2                 | WNW   | 3     | C        | 67        | 45          | 7                | -       | -     | 0    | A.Cu | 7                | 1016.2             | +2                                                                                                                                                                                                                                                                                                                                                                                | WNW     | 3        | C         | 67          | 45               | 7      | -    | St.Cu |      |      |      |      |      |      |
| Stokebury                                                                                                                              | 1015.7           | +2                 | NW    | 3     | C-       | 67        | 55          | 8                | -       | -     | 0    | A.Cu | 7                | 1016.6             | +1                                                                                                                                                                                                                                                                                                                                                                                | NW      | 3        | C         | 67          | 55               | 8      | 7200 | Cu    |      |      |      |      |      |      |
| Grain                                                                                                                                  | 1015.5           | +2                 | WNW   | 4     | C        | 69        | 45          | 8                | 4000    | St.Cu | 4    | A.Cu | 8                | 1016.5             | +1                                                                                                                                                                                                                                                                                                                                                                                | NW      | 3        | O         | 66          | 45               | 8      | 5700 | St.Cu |      |      |      |      |      |      |
| Lynce                                                                                                                                  | 1015.7           | +1                 | WNW   | 3     | C        | 66        | 55          | 8                | 2500    | Cu    | 8    | -    | 8                | 1017.2             | +2                                                                                                                                                                                                                                                                                                                                                                                | SW      | 2        | C         | 61          | 85               | 8      | 1500 | Cu    |      |      |      |      |      |      |
| Bally (St. Mary's)                                                                                                                     | 1019.0           | +2                 | W'N   | 1     | C        | 65        | 75          | 8                | 4000    | St.Cu | 7    | -    | 7                | 1020.1             | +2                                                                                                                                                                                                                                                                                                                                                                                | W'N     | 2        | C         | 62          | 85               | 8      | 4000 | St.Cu |      |      |      |      |      |      |
| Falmouth (Pendennis)                                                                                                                   | 1019.1           | +1                 | W     | 3     | bc       | 62        | 65          | 8                | 4000    | Cu    | 6    | -    | 6                | 1020.4             | +1                                                                                                                                                                                                                                                                                                                                                                                | NW      | 2        | bc        | 63          | 65               | 8      | 4000 | Cu    |      |      |      |      |      |      |
| Plymouth (Castewater)                                                                                                                  | 1018.0           | +2                 | W     | 4     | C        | 63        | 75          | 8                | 4000    | St.Cu | 8    | -    | 8                | 1019.3             | +2                                                                                                                                                                                                                                                                                                                                                                                | NW      | 3        | bc        | 64          | 65               | 9      | 4000 | Cu    |      |      |      |      |      |      |
| Portland Bill                                                                                                                          | 1016.9           | +4                 | W     | 4     | bc       | 61        | 75          | 7                | 4000    | St.Cu | 5    | -    | 5                | 1017.7             | +2                                                                                                                                                                                                                                                                                                                                                                                | WSW     | 4        | bc        | 61          | 75               | 7      | -    | St.Cu |      |      |      |      |      |      |
| Southampton (Calshot)                                                                                                                  | 1016.7           | +1                 | WNW   | 4     | O+       | 67        | 45          | 8                | 4000    | St.Cu | 9    | -    | 9                | 1018.0             | +2                                                                                                                                                                                                                                                                                                                                                                                | SW      | 4        | C         | 64          | 65               | 8      | 5700 | St.Cu |      |      |      |      |      |      |
| Dungeness                                                                                                                              | 1015.9           | +2                 | SW    | 4     | C        | 63        | 97          | 8                | 5700    | St.Cu | 7    | ac   | 3                | 1017.0             | +1                                                                                                                                                                                                                                                                                                                                                                                | SW      | 4        | bc        | 63          | 97               | 8      | -    | -     |      |      |      |      |      |      |
| Jersey                                                                                                                                 | 1018.7           | +1                 | WNW   | 4     | C        | 66        | 65          | 8                | -       | Cu.Nb | 6    | -    | 6                | 1020.6             | +1                                                                                                                                                                                                                                                                                                                                                                                | WNW     | 4        | bc        | 64          | 75               | 8      | -    | -     |      |      |      |      |      |      |
| Burrows                                                                                                                                | 1019.7           | 0                  | W     | 3     | bc       | 64        | 75          | 8                | 5700    | Cu.Nb | 6    | -    | 6                | 1020.6             | +2                                                                                                                                                                                                                                                                                                                                                                                | W'N     | 3        | bc        | 62          | 75               | 8      | -    | -     |      |      |      |      |      |      |
| LONDON OBSERVATIONS.                                                                                                                   |                  |                    |       |       |          |           |             |                  |         |       |      |      |                  |                    | CODE FOR STATE OF SKY                                                                                                                                                                                                                                                                                                                                                             |         |          |           |             |                  |        |      |       |      |      |      |      |      |      |
| Morning. Afternoon. Night. Max. of. Min. of. Min. on thermometer. Rain-fall. Sun-shine to sunset hrs. Humidity. 10h. O.M.T. 9h. G.M.T. |                  |                    |       |       |          |           |             |                  |         |       |      |      |                  |                    | 1 = Dry ground. 2 = Wet ground. 3 = Soft (muddy) wet ground. 4 = Bare ground (frost) but less than 2 ins. deep. 5 = Bare ground frozen (but more than 2 ins. deep). 6 = Dew or wet grass but not wet ground. 7 = Fog (thin layer, often not continuous). 8 = Snow (deep, impeding traffic, usually a continuous layer). 9 = Glazed frost (ice on roads from rain or melted snow). |         |          |           |             |                  |        |      |       |      |      |      |      |      |      |
|                                                                                                                                        |                  |                    |       |       |          |           |             |                  |         |       |      |      |                  |                    | 34 HOURS ENDED 0000 G.M.T. 19th                                                                                                                                                                                                                                                                                                                                                   |         |          |           |             |                  |        |      |       |      |      |      |      |      |      |
| Kew                                                                                                                                    |                  |                    |       |       |          |           |             |                  |         |       |      |      |                  |                    | South Kensington                                                                                                                                                                                                                                                                                                                                                                  |         |          |           |             |                  |        |      |       |      |      |      |      |      |      |
| Croydon                                                                                                                                |                  |                    |       |       |          |           |             |                  |         |       |      |      |                  |                    | Max. Time. Min. Time.                                                                                                                                                                                                                                                                                                                                                             |         |          |           |             |                  |        |      |       |      |      |      |      |      |      |
| Greenwich (Royal Obey.)                                                                                                                |                  |                    |       |       |          |           |             |                  |         |       |      |      |                  |                    | Kew Observatory                                                                                                                                                                                                                                                                                                                                                                   |         |          |           |             |                  |        |      |       |      |      |      |      |      |      |
| City (Dunhill Row)                                                                                                                     |                  |                    |       |       |          |           |             |                  |         |       |      |      |                  |                    | Max. Time. Min. Time.                                                                                                                                                                                                                                                                                                                                                             |         |          |           |             |                  |        |      |       |      |      |      |      |      |      |
| Westminster (St. James' Pk.)                                                                                                           |                  |                    |       |       |          |           |             |                  |         |       |      |      |                  |                    | Polaris                                                                                                                                                                                                                                                                                                                                                                           |         |          |           |             |                  |        |      |       |      |      |      |      |      |      |
| Regent's Pk. (Botanic Garden)                                                                                                          |                  |                    |       |       |          |           |             |                  |         |       |      |      |                  |                    | 8.0 03.30 70                                                                                                                                                                                                                                                                                                                                                                      |         |          |           |             |                  |        |      |       |      |      |      |      |      |      |
| Oxford Square                                                                                                                          |                  |                    |       |       |          |           |             |                  |         |       |      |      |                  |                    | 8.0 03.12 64                                                                                                                                                                                                                                                                                                                                                                      |         |          |           |             |                  |        |      |       |      |      |      |      |      |      |
| Kensington Palace                                                                                                                      |                  |                    |       |       |          |           |             |                  |         |       |      |      |                  |                    | 8.0 03.12 64                                                                                                                                                                                                                                                                                                                                                                      |         |          |           |             |                  |        |      |       |      |      |      |      |      |      |
| Hampstead Observatory                                                                                                                  |                  |                    |       |       |          |           |             |                  |         |       |      |      |                  |                    | 8.0 03.12 64                                                                                                                                                                                                                                                                                                                                                                      |         |          |           |             |                  |        |      |       |      |      |      |      |      |      |
| RADIO DISTURBANCES (Atmospheric) AT CROYDON.                                                                                           |                  |                    |       |       |          |           |             |                  |         |       |      |      |                  |                    | BEAUFORT NOTATION OF WEATHER.                                                                                                                                                                                                                                                                                                                                                     |         |          |           |             |                  |        |      |       |      |      |      |      |      |      |
| TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.                                     |                  |                    |       |       |          |           |             |                  |         |       |      |      |                  |                    | 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.                                                                                                                                                                       |         |          |           |             |                  |        |      |       |      |      |      |      |      |      |
| 19th 8.20 July 1922                                                                                                                    |                  |                    |       |       |          |           |             |                  |         |       |      |      |                  |                    | SEA DISTURBANCES.                                                                                                                                                                                                                                                                                                                                                                 |         |          |           |             |                  |        |      |       |      |      |      |      |      |      |
| STATIONS. Sunrise. Noon. Sunset.                                                                                                       |                  |                    |       |       |          |           |             |                  |         |       |      |      |                  |                    | 0 = no swell. 1 = mod. swell. 2 = heavy swell. 3 = no swell. 4 = mod. swell. 5 = heavy swell. 6 = rather rough sea. 7 = rough sea. 8 = very rough sea. 9 = mountainous sea.                                                                                                                                                                                                       |         |          |           |             |                  |        |      |       |      |      |      |      |      |      |
| Greenwich                                                                                                                              |                  |                    |       |       |          |           |             |                  |         |       |      |      |                  |                    | 0 = calm or slight. 1 = mod. swell. 2 = heavy swell. 3 = no swell. 4 = mod. swell. 5 = heavy swell. 6 = rather rough sea. 7 = rough sea. 8 = very rough sea. 9 = mountainous sea.                                                                                                                                                                                                 |         |          |           |             |                  |        |      |       |      |      |      |      |      |      |
| Wick                                                                                                                                   |                  |                    |       |       |          |           |             |                  |         |       |      |      |                  |                    | 0 = calm or slight. 1 = mod. swell. 2 = heavy swell. 3 = no swell. 4 = mod. swell. 5 = heavy swell. 6 = rather rough sea. 7 = rough sea. 8 = very rough sea. 9 = mountainous sea.                                                                                                                                                                                                 |         |          |           |             |                  |        |      |       |      |      |      |      |      |      |
| Valencia                                                                                                                               |                  |                    |       |       |          |           |             |                  |         |       |      |      |                  |                    | 0 = calm or slight. 1 = mod. swell. 2 = heavy swell. 3 = no swell. 4 = mod. swell. 5 = heavy swell. 6 = rather rough sea. 7 = rough sea. 8 = very rough sea. 9 = mountainous sea.                                                                                                                                                                                                 |         |          |           |             |                  |        |      |       |      |      |      |      |      |      |

\* For explanation see Introduction.

\* Information for these columns not usually received.

: The barometric change is expressed in half millibars.

† For code see page 2.



| SUMMARY FOR THE PAST 24 HOURS |               |                |                      |              |                        |                          |                     |                       |                         |                         |                         |      | Sun.<br>Hours |
|-------------------------------|---------------|----------------|----------------------|--------------|------------------------|--------------------------|---------------------|-----------------------|-------------------------|-------------------------|-------------------------|------|---------------|
| STATIONS                      | WEATHER.      |                |                      |              | TEMPERATURE.           |                          |                     | RAINFALL.             |                         |                         |                         |      |               |
|                               | 7h-13h<br>12h | 13h-18h<br>12h | 18h-19h<br>to 1h/12h | 1h-7h<br>12h | MAX.<br>Day.<br>7h-13h | MIN.<br>Night.<br>18h-7h | MIN.<br>on<br>GRASS | Day.<br>7h-13h<br>mm. | Night.<br>18h-7h<br>mm. | Precipitation<br>began. | Precipitation<br>ended. |      |               |
| Larwick ...                   | c             | bc             | b                    | c            | 59                     | 47                       | .                   | 0.3                   | 5                       | -                       | 02.30                   | 7.0  |               |
| Stornoway ...                 | c             | o              | c                    | p            | 59                     | 50                       | .                   | 0.3                   | 5                       | -                       | 02.30                   | 2.2  |               |
| Wick ...                      | op            | op             | oo                   | oo           | 58                     | 49                       | .                   | 2                     | -                       | 0900                    | -                       | 6.8  |               |
| Castlebay ...                 | orc           | capbc          | bco                  | orr          | 56                     | 52                       | .                   | 7                     | -                       | -                       | -                       | 3.0  |               |
| Nairn ...                     | opc           | qpeg           | cd                   | r.r          | 64                     | 50                       | .                   | 0.3                   | 2                       | 1530                    | -                       | 3.1  |               |
| Aberdeen ...                  | cop.          | opk            | cbco                 | oo           | 64                     | 49                       | 5.5                 | 3                     | 1                       | 0800                    | 0130                    | 2.9  |               |
| Malin Head ...                | cogr          | cav            | colr                 | r-d          | 59                     | 52                       | .                   | 6                     | -                       | -                       | <2100                   | 3.1  |               |
| Renfrew ...                   | ocprg         | o              | oco                  | omrr         | 62                     | 51                       | 47                  | 0.2                   | 3                       | 0800                    | 04.30                   | 8.8  |               |
| Edinburgh (Inchkeith) ...     | c             | c              | cbc                  | orr          | 60                     | 51                       | 50                  | -                     | 0.4                     | -                       | 06.30                   | 6.4  |               |
| Leuchars ...                  | bccoy         | obccy          | cb                   | borm         | 67                     | 46                       | 34                  | -                     | 0.3                     | -                       | 06.30                   | 3.4  |               |
| Kekdalemuir ...               | coo           | opoc           | co                   | adm          | 61                     | 45                       | 41                  | trace                 | 0.5                     | 1430                    | 06.30                   | .    |               |
| Tynemouth ...                 | cp.           | c              | oo                   | oo           | 65                     | 54                       | 49                  | trace                 | -                       | 1100                    | -                       | .    |               |
| Blackad Point ...             | p             | b              | oo                   | oo           | 60                     | 52                       | .                   | 1                     | -                       | -                       | -                       | .    |               |
| Donaghadee ...                | bcp           | bcp            | c                    | ox           | 63                     | 52                       | .                   | 0.5                   | 3                       | 1230                    | 04.30                   | .    |               |
| Birr Castle ...               | epa           | coro           | co                   | or.r         | 63                     | 54                       | 50                  | 0.3                   | 2                       | 1230                    | -                       | 2.5  |               |
| Holyhead ...                  | bcc           | aprox          | acbc                 | bco          | 63                     | 54                       | 53                  | trace                 | 0.3                     | 1730                    | 06.30                   | 3.6  |               |
| Liverpool (Bidston) ...       | apbc          | b              | oo                   | oo           | 64                     | 55                       | 49                  | 0.3                   | -                       | 0800                    | -                       | 5.8  |               |
| Chester (Shotwick) ...        | co            | bcc            | oo                   | oor          | 65                     | 54                       | 48                  | -                     | Trace                   | -                       | 06.30                   | 4.2  |               |
| Spurn Head ...                | c             | c              | b-bc                 | c            | 65                     | 55                       | .                   | -                     | -                       | -                       | -                       | 6.4  |               |
| Birmingham (Edgbaston) ...    | a             | bcc            | cbc                  | b-bc         | 66                     | 51                       | 48                  | -                     | -                       | -                       | -                       | 3.5  |               |
| Nottingham ...                | c             | c              | bc                   | oo           | 65                     | 54                       | 50                  | -                     | -                       | -                       | -                       | 4.5  |               |
| Cranwell ...                  | oo            | c              | c                    | c            | 67                     | 53                       | 43                  | -                     | -                       | -                       | -                       | 8.2  |               |
| Gorleston ...                 | bcc           | c              | bcy                  | bcbcc        | 68                     | 52                       | 46                  | -                     | -                       | -                       | -                       | 4.7  |               |
| Valencia (Cahiroveon) ...     | cbco          | c              | co                   | oor          | 61                     | 55                       | 53                  | -                     | 4                       | -                       | 0430                    | 2.5  |               |
| Boches Point ...              | bco           | obe            | bcb                  | bcr          | 67                     | 55                       | .                   | -                     | 6                       | -                       | 0530                    | .    |               |
| Pembroke (St. Ann's H.) ...   | bbc           | b-bc           | b-bc                 | p            | 61                     | 54                       | .                   | -                     | 0.1                     | -                       | 0530                    | 8.3  |               |
| Ross-on-Wye ...               | cy            | cy             | b-bc                 | cbco         | 68                     | 51                       | 45                  | -                     | -                       | -                       | -                       | 6.3  |               |
| Benson ...                    | c             | c              | c                    | cbc          | 70                     | 40                       | 32                  | -                     | -                       | -                       | -                       | .    |               |
| Andover ...                   | bcc           | cy             | c                    | cbc          | 68                     | 43                       | 36                  | -                     | -                       | -                       | -                       | 8.2  |               |
| S. Farnborough ...            | ccy           | ccy            | c                    | c            | 73                     | 45                       | 41                  | -                     | -                       | -                       | -                       | 9.2  |               |
| London (Kew Obs.) ...         | bccy          | aycy           | cy                   | bccy         | 69                     | 52                       | 43                  | -                     | -                       | -                       | -                       | 6.8  |               |
| Oxford ...                    | cbccy         | coy            | yabw                 | bawm         | 68                     | 47                       | 41                  | -                     | -                       | -                       | -                       | 7.2  |               |
| Olanton-on-Sea ...            | bccy          | cy             | cy                   | cyc          | 71                     | 52                       | 46                  | -                     | -                       | -                       | -                       | 6.4  |               |
| Shoeburyness ...              | bccy          | cy             | cyc                  | bc           | 71                     | 50                       | 40                  | -                     | -                       | -                       | -                       | 6.7  |               |
| Orain ...                     | ccoy          | cyoy           | oybcm                | bwoz         | 71                     | 47                       | 40                  | -                     | -                       | -                       | -                       | 5.7  |               |
| Lymington ...                 | obc           | dc             | cbcbw                | bcbw         | 71                     | 48                       | 37                  | -                     | Trace                   | -                       | -                       | 5.9  |               |
| Selly (St. Mary's) ...        | c             | c              | bc                   | bcc          | 67                     | 55                       | .                   | -                     | -                       | -                       | -                       | 6.8  |               |
| Falmouth (Pendennis) ...      | bc            | bc             | bcb                  | abcc         | 67                     | 52                       | .                   | -                     | -                       | -                       | -                       | 9.8  |               |
| Plymouth (Cattewater) ...     | bacc          | ebcy           | bcbv                 | borm         | 66                     | 59                       | 45                  | -                     | -                       | -                       | -                       | 10.4 |               |
| Portland Bill ...             | c             | c              | c                    | b-bc         | 64                     | 56                       | .                   | -                     | -                       | -                       | -                       | 9.0  |               |
| Southampton (Calshot) ...     | c             | c              | b-bc                 | b-bc         | 70                     | 50                       | 48                  | -                     | -                       | -                       | -                       | .    |               |
| Dungeness ...                 | c             | c              | b-bc                 | b-bc         | 67                     | 47                       | .                   | -                     | -                       | -                       | -                       | 10.2 |               |
| Jersey ...                    | opc           | bc             | bc                   | co           | 66                     | 52                       | .                   | -                     | -                       | -                       | -                       | .    |               |
| Guernsey ...                  | b-bc          | b-bc           | b-bc                 | b-bc         | 65                     | 55                       | .                   | -                     | -                       | -                       | -                       | .    |               |



| Observations from Cross Channel Steamers |               |           |            |          |
|------------------------------------------|---------------|-----------|------------|----------|
| Position                                 | Date and Time | Steamship | Wind       | Temp.    |
|                                          |               |           | Dir. Force | Air Sea  |
| 2                                        | 18th 1000     | Andlia    | W 4        | c 61 57  |
| 1                                        | 18th 1100     | Ibex      | W 1        | b 60 58  |
| 3                                        | 19th 0300     | Dieppe    | NW 2       | bc 58 59 |

## GENERAL INFERENCE.

Under the influence of the large depression near Iceland, winds will continue westerly, with generally unsettled weather, and a temperature about normal or somewhat below.

| Districts                 | Forecasts for the 24 hours commencing 15h. GMT. Thursday, 19th July, 1923.                                                                   |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 1. S.E. England           | Wind S.W. or W., light or moderate; cloudy periods, risk of a little rain or drizzle; visibility moderate or good; moderate temperature.     |
| 2. E. England             |                                                                                                                                              |
| 3. E. Midlands            | Wind S.W. or W. moderate, fresh in exposed places; cloudy periods, probably some rain or drizzle; visibility moderate; moderate temperature. |
| 4. W. Midlands            |                                                                                                                                              |
| 5. S.W. England           |                                                                                                                                              |
| 6. South Wales            |                                                                                                                                              |
| 7. North Wales            |                                                                                                                                              |
| 8. N.W. England           |                                                                                                                                              |
| 9. N. Midlands            |                                                                                                                                              |
| 10. N.E. England          |                                                                                                                                              |
| 11. E. Scotland           | Wind southwest, moderate or fresh, strong in exposed places; a good deal of cloud, rain at times; visibility moderate; rather cool.          |
| 12. S.W. Scotland         |                                                                                                                                              |
| 13. Isle of Man           |                                                                                                                                              |
| 14. N. & N.W. Scotland    |                                                                                                                                              |
| 15. Hebrides              |                                                                                                                                              |
| 16. Orkneys and Shetlands |                                                                                                                                              |
| 17. N.W. Ireland          |                                                                                                                                              |
| 18. N.E. Ireland          |                                                                                                                                              |
| 19. S.E. Ireland          |                                                                                                                                              |
| 20. S.W. Ireland          |                                                                                                                                              |

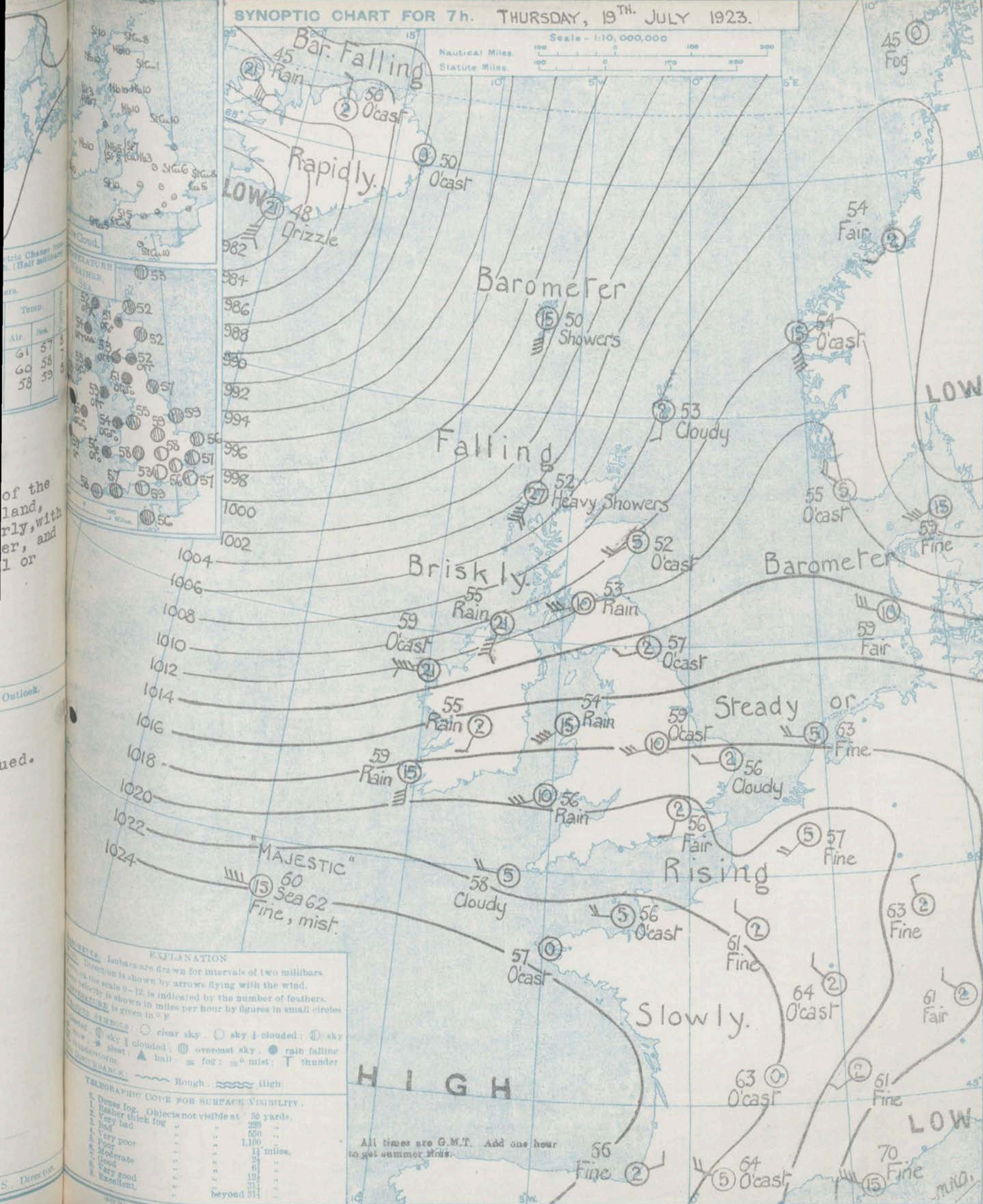
Further Outlook.

None issued.



# SYNOPTIC CHART FOR 7h. THURSDAY, 19<sup>TH</sup>. JULY 1923.

Scale - 1:10,000,000  
Nautical Miles 0 100 200  
Statute Miles 0 100 200



## EXPLANATION

Isobars are drawn for intervals of two millibars.  
Direction is shown by arrows flying with the wind.  
The scale 0-12 is indicated by the number of feathers.  
Velocity is shown in miles per hour by figures in small circles.  
The pressure is given in ° F.

**SYMBOLS:** ○ clear sky. ○ sky & clouded. ○ sky & rain. ○ sky & hail. ○ sky & fog. ○ sky & mist. ○ sky & thunder.

**WIND:** Rough. High.

## TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

|                                                |  |
|------------------------------------------------|--|
| 0. Dense fog. Objects not visible at 50 yards. |  |
| 1. Very thick fog. " " "                       |  |
| 2. Thick fog. " " "                            |  |
| 3. Moderate fog. " " "                         |  |
| 4. Poor visibility. " " "                      |  |
| 5. Moderate. " " "                             |  |
| 6. Good. " " "                                 |  |
| 7. Very good. " " "                            |  |
| 8. Excellent. " " "                            |  |
| 9. Beyond 31 miles.                            |  |

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



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION. *Thursday 19<sup>th</sup> July* 1923.

No. 200.

| STATIONS                | Height above M.S.L. in feet. | Observations at 0100 G.M.T. 19 <sup>th</sup> |                    |       |       |          |           |             |                      |         |       |            | Observations at 0700 G.M.T. 19 <sup>th</sup> |                    |       |       |          |           |             |                      |         |       |            |      |      |      |      |      |
|-------------------------|------------------------------|----------------------------------------------|--------------------|-------|-------|----------|-----------|-------------|----------------------|---------|-------|------------|----------------------------------------------|--------------------|-------|-------|----------|-----------|-------------|----------------------|---------|-------|------------|------|------|------|------|------|
|                         |                              | Barom. at M.S.L.                             | Change in 3 hours. | Wind. |       | Weather. | Temp. °F. | Humidity. % | Visibility in miles. | Cloud.  |       |            | Barom. at M.S.L.                             | Change in 3 hours. | Wind. |       | Weather. | Temp. °F. | Humidity. % | Visibility in miles. | Cloud.  |       |            |      |      |      |      |      |
|                         |                              |                                              |                    | Dir.  | Force |          |           |             |                      | Height. | Form. | Total Amt. |                                              |                    | Dir.  | Force |          |           |             |                      | Height. | Form. | Total Amt. |      |      |      |      |      |
|                         |                              |                                              |                    |       |       |          |           |             |                      |         |       |            |                                              |                    |       |       |          |           |             |                      |         |       |            | 0-12 | 0-10 | 0-10 | 0-10 | 0-10 |
| Lerwick                 | 54                           | 10102                                        | 0                  | -     | 0     | b        | 48        | 85          | 8                    | -       | -     | 0          | Acu                                          | 1                  | 10089 | -3    | S        | 1         | C           | 53                   | 85      | 6     | 1500       | St   | 3    | Acu  | 8    | 0    |
| Stornoway               | 51                           | 10102                                        | -2                 | -     | 0     | 0        | .         | .           | 5                    | .       | .     | .          | .                                            | .                  | 10094 | -3    | SSW      | 6         | OPR         | 52                   | 97      | 6     | 450        | St   | 10   | -    | 10   | 0    |
| Wick                    | 81                           | 10101                                        | -1                 | SSW   | 1     | 0        | 51        | 92          | 8                    | 5700    | StCu  | 10         | -                                            | 10                 | 10077 | -3    | SSW      | 2         | 0           | 52                   | 85      | 8     | 5700       | StCu | 8    | Acu  | 10   | 0    |
| Castlebay               | 87                           | .                                            | .                  | .     | .     | .        | .         | .           | .                    | .       | .     | .          | .                                            | .                  | 10061 | -6    | SSW      | 5         | OPR         | 54                   | 97      | 6     | 800        | Nb   | 10   | -    | 10   | 0    |
| Kairn                   | 82                           | .                                            | .                  | .     | .     | .        | .         | .           | .                    | .       | .     | .          | .                                            | .                  | 10088 | .     | 0        | OPR       | 51          | 92                   | 7       | 2500  | Nb         | 10   | -    | 10   | 0    |      |
| Aberdeen                | 46                           | .                                            | .                  | .     | .     | .        | .         | .           | .                    | .       | .     | .          | .                                            | .                  | 10109 | -1    | SW       | 2         | 0           | 52                   | 85      | 8     | 2500       | StCu | 1    | Acu  | 10   | 0    |
| Malin Head              | 71                           | 10138                                        | -1                 | SSW   | 4     | Cr       | 55        | 92          | 8                    | 4000    | Cu    | 8          | -                                            | 8                  | 10080 | -7    | SSW      | 5         | OPR         | 55                   | 97      | 7     | 2500       | Nb   | 10   | -    | 10   | 0    |
| Bonfrew                 | 49                           | .                                            | .                  | .     | .     | .        | .         | .           | .                    | .       | .     | .          | .                                            | .                  | 10121 | -3    | WSW      | 3         | OPR         | 53                   | 97      | 6     | 800        | Nb   | 9    | Acu  | 10   | 0    |
| Edinburgh (Inchkeith)   | 190                          | 10138                                        | 0                  | WSW   | 4     | bc       | 52        | 92          | 8                    | -       | StCu  | 3          | Acu                                          | 5                  | 10120 | -1    | SW       | 3         | OPR         | 52                   | 97      | 7     | -          | Nb   | 10   | -    | 10   | 0    |
| Leuchars                | 38                           | .                                            | .                  | .     | .     | .        | .         | .           | .                    | .       | .     | .          | .                                            | .                  | 10115 | -2    | SW       | 2         | OPR         | 52                   | 92      | 6     | 1500       | Nb   | 10   | -    | 10   | 0    |
| Exeter (St. David's)    | 794                          | .                                            | .                  | .     | .     | .        | .         | .           | .                    | .       | .     | .          | .                                            | .                  | 10139 | -2    | SSW      | 4         | OPR         | 51                   | 92      | 6     | 1500       | Nb   | 10   | -    | 10   | 0    |
| Tynemouth               | 118                          | 10153                                        | 0                  | W     | 1     | 0        | 55        | 85          | 7                    | 4000    | StCu  | 10         | -                                            | 10                 | 10147 | 0     | SE       | 1         | 0           | 57                   | 75      | 6     | 4000       | StCu | 10   | -    | 10   | 0    |
| Blackpool Point         | 10                           | 10155                                        | -2                 | SW    | 6     | OPR      | 56        | 92          | 3                    | .       | .     | .          | .                                            | 10                 | 10124 | -2    | W        | 5         | OPR         | 59                   | 92      | 7     | .          | .    | .    | Acu  | 10   | 0    |
| Donaghadee              | 35                           | .                                            | .                  | .     | .     | .        | .         | .           | .                    | .       | .     | .          | .                                            | .                  | 10146 | -2    | SW       | 2         | OPR         | 53                   | 92      | 7     | .          | .    | .    | Acu  | 10   | 0    |
| Birr Castle             | 175                          | .                                            | .                  | .     | .     | .        | .         | .           | .                    | .       | .     | .          | .                                            | .                  | 10161 | .     | SSW      | 1         | OPR         | 55                   | 97      | 6     | 2500       | Nb   | 10   | -    | 10   | 0    |
| Holyhead                | 25                           | 10177                                        | 0                  | WSW   | 4     | b        | 56        | 85          | 8                    | 4000    | Cu    | 2          | -                                            | 2                  | 10176 | 0     | SW       | 4         | OPR         | 54                   | 97      | 7     | 2500       | Nb   | 10   | -    | 10   | 0    |
| Liverpool (Bidston)     | 169                          | .                                            | .                  | .     | .     | .        | .         | .           | .                    | .       | .     | .          | .                                            | .                  | 10173 | 0     | WSW      | 3         | OPR         | 55                   | 85      | 8     | 1500       | St   | 10   | -    | 10   | 0    |
| Chester (Shotwick)      | 16                           | .                                            | .                  | .     | .     | .        | .         | .           | .                    | .       | .     | .          | .                                            | .                  | 10175 | 0     | SW       | 3         | OPR         | 57                   | 75      | 8     | 4000       | Nb   | 2    | Acu  | 10   | 0    |
| Spurn Head              | 26                           | 10172                                        | 0                  | W     | 3     | bc       | 56        | 92          | 7                    | 4000    | StCu  | 4          | -                                            | 4                  | 10175 | 0     | SW       | 3         | 0           | 59                   | 85      | 7     | -          | -    | 0    | Acu  | 8    | 0    |
| Birmingham (Edgbaston)  | 525                          | .                                            | .                  | .     | .     | .        | .         | .           | .                    | .       | .     | .          | .                                            | .                  | 10189 | 0     | W        | 3         | C           | 55                   | 85      | 8     | 4000       | StCu | 2    | Acu  | 10   | 0    |
| Nottingham              | 82                           | .                                            | .                  | .     | .     | .        | .         | .           | .                    | .       | .     | .          | .                                            | .                  | 10178 | 0     | WSW      | 3         | 0           | 59                   | 75      | 7     | -          | -    | 0    | Acu  | 7    | 0    |
| Cranwell                | 237                          | 10182                                        | +1                 | WSW   | 2     | 0        | 54        | 85          | 7                    | 2500    | StCu  | 10         | -                                            | 10                 | 10184 | 0     | SWW      | 4         | C           | 58                   | 75      | 7     | 7200       | StCu | 6    | Acu  | 8    | 0    |
| Gorleston               | 13                           | 10181                                        | +1                 | WNW   | 2     | b        | 56        | 85          | 8                    | 4000    | Cu    | 2          | -                                            | 2                  | 10186 | +1    | W'S      | 1         | C           | 56                   | 85      | 6     | 5700       | StCu | 8    | -    | 10   | 0    |
| Valencia (Cahirovaca)   | 30                           | 10194                                        | -2                 | SW    | 2     | 0        | 58        | 97          | 8                    | -       | St    | 10         | -                                            | 10                 | 10189 | -1    | S        | 4         | OPR         | 59                   | 92      | 6     | 450        | St   | 10   | -    | 10   | 0    |
| Roche Point             | 32                           | .                                            | .                  | .     | .     | .        | .         | .           | .                    | .       | .     | .          | .                                            | .                  | 10190 | 0     | SW       | 3         | OPR         | 57                   | 97      | 8     | 2500       | Nb   | 10   | -    | 10   | 0    |
| Pembroke (St. Ann's B.) | 149                          | 10197                                        | 0                  | NW    | 3     | b        | 56        | 92          | 8                    | -       | -     | 0          | -                                            | 0                  | 10197 | 0     | WSW      | 3         | OPR         | 56                   | 92      | 8     | 2500       | St   | 10   | -    | 10   | 0    |
| Ross-on-Wye             | 223                          | .                                            | .                  | .     | .     | .        | .         | .           | .                    | .       | .     | .          | .                                            | .                  | 10193 | 0     | SW       | 3         | OPR         | 58                   | 75      | 7     | -          | -    | 0    | Acu  | 5    | 0    |
| Senson                  | 188                          | .                                            | .                  | .     | .     | .        | .         | .           | .                    | .       | .     | .          | .                                            | .                  | 10194 | +1    | SW       | 1         | bc          | 58                   | 75      | 8     | -          | -    | 0    | Acu  | 5    | 0    |
| Andover                 | 295                          | .                                            | .                  | .     | .     | .        | .         | .           | .                    | .       | .     | .          | .                                            | .                  | 10204 | +1    | W        | 1         | bc          | 56                   | 92      | 8     | -          | -    | 0    | Ci   | 6    | 0    |
| S. Farnborough          | 230                          | .                                            | .                  | .     | .     | .        | .         | .           | .                    | .       | .     | .          | .                                            | .                  | 10203 | +1    | WN       | 2         | bc          | 53                   | 92      | 8     | -          | -    | 0    | Ci   | 5    | 0    |
| London (Kew Obey.)      | 18                           | .                                            | .                  | .     | .     | .        | 56        | .           | .                    | .       | .     | .          | .                                            | .                  | 10203 | +2    | SSW      | 1         | bc          | 56                   | 75      | 6     | -          | -    | 0    | Ci   | 4    | 0    |
| Oxford                  | 244                          | 10193                                        | +1                 | W'S   | 2     | b        | 52        | 92          | 7                    | -       | -     | 0          | -                                            | 0                  | 10202 | +1    | WSW      | 1         | C           | 56                   | 75      | 7     | -          | -    | 0    | Ci   | 7    | 0    |
| Clacton-on-Sea          | 54                           | .                                            | .                  | .     | .     | .        | .         | .           | .                    | .       | .     | .          | .                                            | .                  | 10193 | +2    | WNW      | 2         | C           | 57                   | 75      | 7     | 1500       | Cu   | 5    | Acu  | 7    | 0    |
| Shoeburyness            | 11                           | .                                            | .                  | .     | .     | .        | .         | .           | .                    | .       | .     | .          | .                                            | .                  | 10199 | +1    | WNW      | 1         | bc          | 60                   | 65      | 7     | -          | -    | 0    | Acu  | 5    | 0    |
| Grain                   | 20                           | .                                            | .                  | .     | .     | .        | .         | .           | .                    | .       | .     | .          | .                                            | .                  | 10197 | +2    | W'S      | 2         | mm          | 60                   | 65      | 5     | 5700       | StCu | 1    | Acu  | 3    | 0    |
| Lymington               | 350                          | 10190                                        | +1                 | NNW   | 2     | b        | 52        | 92          | 7                    | -       | -     | 0          | -                                            | 0                  | 10199 | +1    | N        | 2         | b           | 57                   | 85      | 6     | 4000       | Cu   | 1    | Acu  | 8    | 0    |
| Billy (St. Mary's)      | 131                          | 10220                                        | 0                  | WN    | 2     | bc       | 57        | 92          | 8                    | 4000    | Cu    | 2          | CiCu                                         | 4                  | 10216 | 0     | WN       | 2         | C           | 58                   | 85      | 8     | 4000       | StCu | 5    | Acu  | 8    | 0    |
| Palmouth (Pendennis)    | 200                          | 10225                                        | +2                 | NNW   | 1     | b        | 56        | 85          | 8                    | -       | -     | 0          | -                                            | 0                  | 10218 | +1    | W        | 2         | C           | 57                   | 85      | 7     | 4000       | StCu | 8    | Acu  | 10   | 0    |
| Plymouth (Cattewater)   | 82                           | .                                            | .                  | .     | .     | .        | .         | .           | .                    | .       | .     | .          | .                                            | .                  | 10216 | +1    | -        | 0         | mo          | 54                   | 92      | 6     | 4000       | St   | 5    | Acu  | 5    | 0    |
| Portland Bill           | 19                           | 10206                                        | +1                 | NW    | 2     | b        | 57        | 75          | 7                    | -       | -     | 0          | -                                            | 0                  | 10206 | 0     | NW       | 2         | bc          | 59                   | 85      | 7     | -          | -    | 0    | Ci   | 2    | 0    |
| Southampton (Cannon)    | 12                           | 10199                                        | +1                 | NW    | 2     | b        | 53        | 85          | 8                    | -       | -     | 0          | -                                            | 0                  | 10208 | +1    | WSW      | 2         | b           | 56                   | 85      | 8     | -          | -    | 0    | Ci   | 4    | 0    |
| Dungeness               | 21                           | 10184                                        | +1                 | NW    | 2     | b        | 53        | 97          | 8                    | -       | -     | 0          | -                                            | 0                  | 10196 | +2    | N        | 2         | bc          | 57                   | 85      | 7     | -          | -    | 0    | Ci   | 10   | 0    |
| Jersey                  | 25                           | .                                            | .                  | .     | .     | .        | .         | .           | .                    | .       | .     | .          | .                                            | .                  | 10221 | 0     | W        | 2         | 0           | 56                   | 85      | 8     | 4000       | StCu | 10   | Acu  | 10   | 0    |
| Guernsey                | ...                          | 10221                                        | 0                  | W     | 2     | b        | 56        | 92          | 4                    | -       | -     | 0          | -                                            | 0                  | 10230 | +3    | NW       | 1         | OPR         | 59                   | 85      | 8     | -          | -    | 0    | Acu  | 10   | 0    |

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR *18<sup>th</sup> July*

| STATIONS.          | WEATHER.   |             | TEMPERATURE. |           | RAINFALL†      |              | SUNSHINE.       |                | STATIONS.              | WEATHER.   |             | TEMPERATURE. |           | RAINFALL†      |              | SUNSHINE.       |                |
|--------------------|------------|-------------|--------------|-----------|----------------|--------------|-----------------|----------------|------------------------|------------|-------------|--------------|-----------|----------------|--------------|-----------------|----------------|
|                    | Fore-noon. | After-noon. | Min. Night.  | Max. Day. | Night 17h.-9h. | Day 9h.-17h. | Sunrise to 17h. | Sunset to 17h. |                        | Fore-noon. | After-noon. | Min. Night.  | Max. Day. | Night 17h.-9h. | Day 9h.-17h. | Sunrise to 17h. | Sunset to 17h. |
|                    |            |             |              |           |                |              |                 |                |                        |            |             |              |           |                |              |                 |                |
|                    |            |             | 14°-16°      | 16°       | 17°-18°        | 18°          | 10°             | 17             |                        |            |             | 14°-18°      | 16°       | 14°-18°        | 18°          | 10°             | 17             |
|                    |            |             | op.          | op.       | mm.            | mm.          | hr.             | hr.            |                        |            |             | °F.          | °F.       | mm.            | mm.          | hr.             | hr.            |
| Montrone ...       | bc         | bcb         | 46           | 67        | -              | 0.3          | 6.3             | 1.1            | Ilfracombe ...         | b          | b           | 56           | 63        | -              | -            | 11.9            | 4.8            |
| Herwick-on-Tweed   | wloc       | bcbv        | 46           | 64        | 0.1            | -            | 8.5             | 9.5            | Bude ...               | b          | b           | 57           | 66        | 0.1            | -            | 9.6             | 2.3            |
| Llandudno ...      | c.cb       | bcc         | 55           | 66        | 0.4            | -            | 4.9             | 7.2            | Penzance ...           | cbcc       | bcc         | 54           | 69        | 1              | Trace        | 7.5             | 3.3            |
| Colwyn Bay ...     | bc         | bc          | 53           | 65        | -              | -            | 5.5             | 7.7            | Paignton ...           | bcbcc      | bcb         | 53           | 72        | Trace          | -            | 7.6             | 3.6            |
| Rhyl ...           | cbcc       | bc          | 54           | 64        | 0.1            | -            | 3.5             | 5.7            | Terquay ...            | bcb        | b           | 53           | 70        | -              | -            | 9.2             | 2.0            |
| Southport ...      | cbcc       | bcc         | 55           | 63        | -              | -            | 5.1             | 6.2            | Weymouth ...           | -          | -           | 56           | 72        | -              | -            | -               | -              |
| Blackpool ...      | cob        | bcc         | 55           | 64        | 0.2            | -            | 3.9             | 4.9            | Bournemouth ...        | b          | b           | 53           | 69        | -              | -            | 7.0             | 3.3            |
| Ilkley ...         | cb         | bcb         | 50           | 65        | -              | -            | 8.4             | 8.4            | Portsmouth (S. S. Sea) | bbc        | bcb         | 57           | 71        | -              | -            | 8.5             | 4.6            |
| Harrogate ...      | b          | b           | 49           | 64        | -              | -            | 6.8             | 8.7            | Worthing ...           | bcb        | bc          | 56           | 69        | 1              | -            | 9.3             | 6.6            |
| Skegness ...       | 0          | 0           | 53           | 67        | Trace          | Trace        | 3.1             | 4.9            | Brighton ...           | cbcb       | b           | 57           | 67        | -              | -            | 8.6             | 9.2            |
| Aberystwyth ...    | obc        | b           | 56           | 64        | -              | -            | 6.5             | 3.7            | Eastbourne ...         | bc         | b           | 58           | 66        | 0.3            | -            | 8.0             | 7.9            |
| Bath ...           | bcc        | bcb         | 53           | 68        | -              | -            | 9.7             | 1.1            | Hastings ...           | bcc        | bc          | 57           | 68        | 0.3            | -            | 6.5             | 1.2            |
| Leamington Spa ... | cb         | cb          | 50           | 66        | -              | -            | 3.2             | 2.8            | Folkestone ...         | bc         | c           | 58           | 71        | -              | Trace        | 7.4             | 3.0            |
| Lowestoft ...      | oc         | oc          | 56           | 68        | 0.1            | -            | 4.5             | 2.8            | Tunbridge Wells ...    | bcb        | bcc         | 55           | 71        | -              | -            | 4.0             | 2.7            |
| Felixstowe ...     | c          | c           | 56           | 71        | -              | -            | 7.1             | 2.1            | Ramsgate ...           | bcbcc      | bc          | 54           | 70        | -              | -            | 7.2             | 2.7            |
| Southend ...       | bc         | bcc         | 56           | 73        | -              | -            | 7.3             | 0.8            | Margate ...            | bcbcc      | bcc         | 57           | 68        | -              | -            | 3.5             | -              |
|                    |            |             |              |           |                |              |                 |                | Deal ...               | cbcc       | cbcc        | 56           | 71        | -              | -            | -               | -              |

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

\* Information for these columns not usually received.

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





## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.22.520

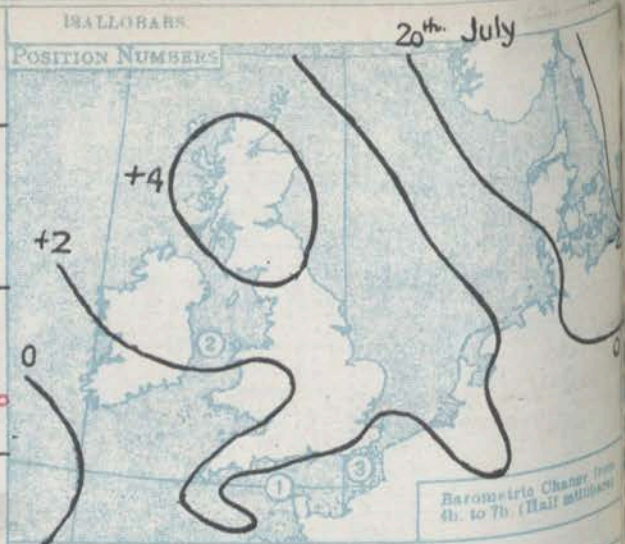
Friday, 20th July, 1923.

Page 1.

| Observations at 1800 G.M.T. 19th |                                     |                                 |             |              |           |             |                 |           |            |             |             |                                               |       |                                     | Observations at 1800 G.M.T. 20th |                                                     |                 |        |        |      |      |                                     |       |          |           |             |                 |                  |      |
|----------------------------------|-------------------------------------|---------------------------------|-------------|--------------|-----------|-------------|-----------------|-----------|------------|-------------|-------------|-----------------------------------------------|-------|-------------------------------------|----------------------------------|-----------------------------------------------------|-----------------|--------|--------|------|------|-------------------------------------|-------|----------|-----------|-------------|-----------------|------------------|------|
| STATIONS.                        | Barom. at M.S.L. Change in 3 Hours. | Wind.                           |             | Weather.     | Temp. of. | Humidity. % | Visibility. 0-8 | Cloud.    |            |             |             | Barom. at M.S.L. Change in 3 Hours.           | Wind. | Weather.                            | Temp. of.                        | Humidity. %                                         | Visibility. 0-8 | Cloud. |        |      |      | Barom. at M.S.L. Change in 3 Hours. | Wind. | Weather. | Temp. of. | Humidity. % | Visibility. 0-8 | State of ground. |      |
|                                  |                                     | Direc.                          | Force       |              |           |             |                 | Height    | Form       | Amt.        | Direc.      |                                               |       |                                     |                                  |                                                     |                 | Force  | Height | Form | Amt. |                                     |       |          |           |             |                 |                  |      |
|                                  |                                     |                                 |             |              |           |             |                 |           |            |             |             |                                               |       |                                     |                                  |                                                     |                 |        |        |      |      |                                     |       |          |           |             |                 |                  | 0-10 |
| (For heights see p. 4).          | m.b.                                | 0-12                            |             |              |           | %           | 0-8             | Feet      |            |             | m.b.        | 0-12                                          |       |                                     |                                  | %                                                   | 0-8             | Feet   |        |      | m.b. | 0-12                                |       |          |           | %           | 0-8             |                  |      |
| Lerwick                          | 1006.7                              | -3                              | SSE         | 1            | 0         | 53          | 85              | 6         | 2500       | st.         | 1           | Ast                                           | 10    | 1003.6                              | -3                               | SSW                                                 | 2               | od     | 54     | 97   | 5    | 450                                 | st.   | 10       | -         | 10          | 1               |                  |      |
| Stornoway                        | 1002.6                              | -1                              | WSW         | 4            | o/r       | 61          | 85              | 6         | 450        | st.         | 10          | -                                             | 10    | 1003.6                              | +1                               | SW                                                  | 3               | o      | 59     | 92   | 6    | 450                                 | st.   | 10       | -         | 10          | 2               |                  |      |
| Wick                             | 1003.6                              | -4                              | SSW         | 2            | 0         | 54          | 92              | 9         | 5700       | st.         | 6           | Ast                                           | 10    | 1003.9                              | +2                               | W                                                   | 2               | o      | 61     | 75   | 9    | 4000                                | st.   | 5        | Ac        | 9           | 0               |                  |      |
| Castellbay                       | 1006.6                              | +1                              | W           | 4            | op        | 57          | 92              | 7         | 1500       | st.         | 10          | -                                             | 10    | 1006.9                              | 0                                | SW                                                  | 4               | od     | 57     | 97   | 6    | 800                                 | Nb    | 10       | -         | 10          | 5               |                  |      |
| Nairn                            | 1007.9                              | -2                              | SW          | 4            | od        | 56          | 85              | 6         | 1500       | Nb          | 8           | Ast                                           | 10    | 1006.0                              | -3                               | WSW                                                 | 3               | bc     | 66     | 65   | 8    | 1500                                | st.   | 5        | -         | 5           | 0               |                  |      |
| Aberdeen                         | 1007.9                              | -2                              | SW          | 4            | od        | 56          | 85              | 6         | 1500       | Nb          | 8           | Ast                                           | 10    | 1005.9                              | -1                               | WSW                                                 | 3               | bc     | 68     | 65   | 8    | 4000                                | st.   | 6        | -         | 6           | 0               |                  |      |
| Malin Head                       | 1009.8                              | +2                              | WSW         | 5            | mo        | 60          | 97              | 6         | 5700       | Nb          | 2           | Ast                                           | 10    | 1011.0                              | 0                                | WSW                                                 | 5               | mo     | 60     | 92   | 7    | 2500                                | st.   | 10       | -         | 10          | 4               |                  |      |
| Northfrew                        | 1009.1                              | -2                              | SW          | 5            | o/r       | 61          | 85              | 6         | 800        | Nb          | 9           | -                                             | 9     | 1010.8                              | +1                               | WSW                                                 | 5               | o/r    | 60     | 85   | 8    | 2500                                | st.   | 10       | -         | 10          | 0               |                  |      |
| Edinburgh (Inchkeith)            | 1008.1                              | -4                              | SW          | 6            | o/r       | 59          | 85              | 8         | *          | st.         | 8           | Ast                                           | 9     | 1009.0                              | +1                               | W                                                   | 6               | o      | 61     | 85   | 8    | *                                   | st.   | 6        | Ast       | 7           | 4               |                  |      |
| Leuchars                         | 1008.3                              | -4                              | SW          | 4            | o/r       | 57          | 85              | 8         | 1500       | st.         | 10          | -                                             | 10    | 1007.7                              | +1                               | W                                                   | 6               | o      | 65     | 65   | 8    | 4000                                | st.   | 1        | Ast       | 3           | 0               |                  |      |
| Edinburgh (Leith)                | 1011.4                              | -3                              | SSW         | 5            | od        | 54          | 92              | 6         | 800        | Nb          | 10          | -                                             | 10    | 1012.5                              | +2                               | WIS                                                 | 4               | o      | 59     | 85   | 8    | 1500                                | st.   | 10       | -         | 10          | 0               |                  |      |
| Tynemouth                        | 1012.2                              | -4                              | SW          | 1            | o/r       | 55          | 97              | 6         | 4000       | Nb          | 10          | -                                             | 10    | 1010.6                              | -1                               | SW                                                  | 2               | cl     | 64     | 85   | 6    | 4000                                | Cloud | 7        | -         | 7           | 1               |                  |      |
| Blackhead Point                  | 1014.7                              | 0                               | W           | 5            | mo        | 61          | 92              | 7         | *          | -           | -           | -                                             | 10    | 1015.6                              | 0                                | W                                                   | 6               | mo     | 60     | 92   | 7    | *                                   | -     | -        | 10        | 4           |                 |                  |      |
| Donaghadee                       | 1012.2                              | 0                               | W           | 3            | c         | 63          | 85              | 8         | 1500       | st.         | 9           | -                                             | 9     | 1013.7                              | +1                               | W                                                   | 3               | o/r    | 65     | 85   | 8    | 1500                                | st.   | 9        | -         | 9           | 3               |                  |      |
| Arr Castle                       | 1016.2                              | *                               | SW          | 2            | o         | 64          | 85              | 6         | 2500       | Nb          | 3           | -                                             | 9     | 1018.0                              | *                                | SW                                                  | 2               | o      | 63     | 92   | 6    | 2500                                | Nb    | 10       | -         | 10          | 0               |                  |      |
| Holyhead                         | 1015.6                              | -1                              | SSW         | 2            | o         | 57          | 97              | 6         | 800        | Nb          | 10          | -                                             | 10    | 1016.3                              | +2                               | SW                                                  | 3               | o/r    | 62     | 92   | 6    | 800                                 | Nb    | 10       | -         | 10          | 0               |                  |      |
| Liverpool (Bidston)              | 015.1                               | -3                              | SSW         | 2            | o/r       | 57          | 92              | 5         | 1500       | Nb          | 10          | -                                             | 10    | 015.2                               | +1                               | W                                                   | 4               | o/r    | 62     | 92   | 7    | 1500                                | Cloud | 10       | -         | 10          | 5               |                  |      |
| Chester (Shotwick)               | 015.7                               | -3                              | SSW         | 3            | o/r       | 59          | 85              | 7         | 1500       | st.         | 10          | -                                             | 10    | 015.3                               | 0                                | W                                                   | 3               | o      | 66     | 85   | 8    | 1500                                | st.   | 9        | -         | 9           | 0               |                  |      |
| Spurn Head                       | 1016.6                              | -1                              | WSW         | 4            | o/r       | 58          | 92              | 7         | 2500       | Nb          | 10          | -                                             | 10    | 1015.9                              | -3                               | SW                                                  | 4               | o      | 60     | 92   | 6    | 4000                                | st.   | 10       | -         | 10          | 4               |                  |      |
| Birmingham (Edgbaston)           | 1018.5                              | -1                              | SW          | 4            | o/r       | 55          | 97              | 6         | 2500       | Nb          | 10          | -                                             | 10    | 1017.3                              | -1                               | SW                                                  | 4               | o/r    | 59     | 97   | 6    | 4000                                | Cloud | 10       | -         | 10          | 0               |                  |      |
| Nottingham                       | 1017.2                              | -1                              | WSW         | 4            | o/r       | 57          | 97              | 7         | 2500       | Nb          | 10          | -                                             | 10    | 1016.0                              | -1                               | SW                                                  | 3               | od     | 59     | 97   | 6    | 1500                                | st.   | 10       | -         | 10          | 0               |                  |      |
| Cranwell                         | 1018.3                              | 0                               | SW          | 4            | o/r       | 57          | 85              | 6         | 500        | Nb          | 6           | Ast                                           | 10    | 1016.4                              | -4                               | SW                                                  | 4               | od     | 60     | 85   | 7    | 1500                                | Nb    | 10       | -         | 10          | 0               |                  |      |
| Derby                            | 1018.0                              | -1                              | SW          | 3            | o         | 69          | 45              | 7         | 4000       | Cloud       | 7           | Ast                                           | 9     | 1018.0                              | 0                                | WSW                                                 | 4               | o/r    | 53     | 85   | 7    | 4000                                | Nb    | 10       | -         | 10          | 0               |                  |      |
| Valencia (Cahirove)              | 1020.8                              | +2                              | WIS         | 3            | o         | 61          | 92              | 7         | 800        | st.         | 10          | -                                             | 10    | 1021.8                              | +1                               | WIS                                                 | 2               | od     | 61     | 97   | 6    | 450                                 | st.   | 10       | -         | 10          | 3               |                  |      |
| Roche Point                      | 1018.2                              | 0                               | WNW         | 3            | o         | 70          | 75              | 8         | 2500       | st.         | 10          | -                                             | 10    | 1019.0                              | +1                               | WNW                                                 | 3               | bc     | 69     | 69   | 2    | 4000                                | Cloud | 5        | -         | 5           | 0               |                  |      |
| Pembroke (St. Ann's H.)          | 1019.4                              | 0                               | SSW         | 4            | od        | 57          | 97              | 6         | 1500       | st.         | 10          | -                                             | 10    | 1014.4                              | 0                                | WIS                                                 | 4               | o      | 58     | 97   | 3    | 1500                                | st.   | 10       | -         | 10          | 4               |                  |      |
| Ross-on-Wye                      | 1019.3                              | 0                               | SW          | 3            | o/r       | 56          | 92              | 7         | 2500       | Nb          | 10          | -                                             | 10    | 1017.8                              | -1                               | SW                                                  | 3               | o      | 63     | 85   | 8    | 2500                                | st.   | 10       | -         | 10          | 0               |                  |      |
| Boscon                           | 1020.0                              | +1                              | SW          | 3            | o/r       | 61          | 85              | 7         | *          | Nb          | 10          | -                                             | 10    | 1019.8                              | -2                               | WSW                                                 | 3               | o      | 61     | 92   | 8    | *                                   | Nb    | 10       | -         | 10          | 0               |                  |      |
| Andover                          | 1020.4                              | 0                               | WSW         | 3            | o/r       | 60          | 85              | 8         | 1500       | st.         | 10          | -                                             | 10    | 1019.9                              | -1                               | SW                                                  | 4               | o/r    | 60     | 92   | 7    | 800                                 | Nb    | 10       | -         | 10          | 0               |                  |      |
| S. Farnborough                   | 1020.2                              | 0                               | SW          | 2            | o/r       | 66          | 65              | 6         | 1500       | Nb          | 10          | -                                             | 10    | 1019.5                              | -1                               | WSW                                                 | 3               | o/r    | 61     | 85   | 8    | 1500                                | st.   | 10       | -         | 10          | 0               |                  |      |
| London (Kew Obs.)                | 1020.0                              | 0                               | WSW         | 3            | o/r       | 65          | 55              | 8         | 2500       | Nb          | 2           | Ast                                           | 10    | 1019.5                              | -1                               | SSW                                                 | 2               | od     | 61     | 85   | 7    | 1500                                | Nb    | 4        | Ast       | 10          | 0               |                  |      |
| Croydon                          | 1019.8                              | 0                               | W           | 4            | o/r       | 65          | 65              | 8         | 4000       | st.         | 7           | Ast                                           | 10    | 1019.7                              | 0                                | SW                                                  | 3               | od     | 58     | 92   | 7    | 1500                                | st.   | 9        | Ast       | 10          | 0               |                  |      |
| Ordnance on Sea                  | 1019.2                              | 0                               | WSW         | 5            | c         | 71          | 55              | 7         | 5700       | Cloud       | 4           | Ast                                           | 8     | 1019.2                              | +1                               | SW                                                  | 3               | od     | 60     | 85   | 6    | 1500                                | Nb    | 10       | -         | 10          | 1               |                  |      |
| Shoeburyness                     | 1019.5                              | -1                              | WSW         | 4            | o         | 63          | 45              | 8         | 4000       | st.         | 5           | Ast                                           | 10    | 1019.7                              | +1                               | SW                                                  | 4               | od     | 59     | 75   | 7    | 1500                                | st.   | 10       | -         | 10          | 0               |                  |      |
| Grain                            | 1020.0                              | 0                               | SW          | 5            | c         | 65          | 65              | 8         | 4000       | Cloud       | 6           | Ast                                           | 8     | 1019.8                              | +1                               | SW                                                  | 4               | o/r    | 62     | 85   | 9    | 2500                                | st.   | 10       | -         | 10          | 0               |                  |      |
| Lymington                        | 1020.0                              | 0                               | SW          | 5            | c         | 65          | 65              | 8         | 4000       | Cloud       | 6           | Ast                                           | 8     | 1020.5                              | +1                               | WSW                                                 | 3               | o/r    | 60     | 85   | 9    | 2500                                | Nb    | 5        | Ast       | 10          | 0               |                  |      |
| Gilly (St. Mary's)               | 1021.8                              | 0                               | W           | 3            | o         | 63          | 85              | 8         | 4000       | st.         | 10          | -                                             | 10    | 1022.2                              | 0                                | W                                                   | 4               | o      | 60     | 97   | 2    | 1500                                | st.   | 10       | -         | 10          | 4               |                  |      |
| Plymouth (Pendennis)             | 1022.8                              | 0                               | W           | 5            | o         | 63          | 75              | 7         | 4000       | st.         | 9           | -                                             | 9     | 1022.0                              | 0                                | W                                                   | 4               | mo     | 60     | 92   | 6    | 4000                                | st.   | 10       | -         | 10          | 0               |                  |      |
| Plymouth (Cattewater)            | 1021.4                              | -1                              | WSW         | 4            | o         | 62          | 85              | 7         | 4000       | st.         | 10          | -                                             | 10    | 1021.6                              | 0                                | W                                                   | 4               | o      | 61     | 92   | 7    | 2500                                | st.   | 10       | -         | 10          | 0               |                  |      |
| Portland Bill                    | 1021.8                              | +1                              | WSW         | 4            | o         | 60          | 85              | 7         | -          | -           | 1           | Ast                                           | 10    | 1020.7                              | -1                               | WSW                                                 | 4               | o      | 60     | 92   | 7    | 2500                                | st.   | 10       | -         | 10          | 0               |                  |      |
| Southampton (Calshot)            | 1021.4                              | +1                              | SW          | 5            | o/r       | 63          | 75              | 8         | 4000       | Cloud       | 1           | Ast                                           | 10    | 1020.7                              | 0                                | SW                                                  | 4               | o/r    | 62     | 85   | 8    | 4000                                | st.   | 2        | Ast       | 10          | 0               |                  |      |
| Genoa                            | 1020.2                              | +1                              | SW          | 4            | c         | 65          | 75              | 8         | 2500       | Cloud       | 3           | Ast                                           | 7     | 1020.3                              | 0                                | WSW                                                 | 4               | o/r    | 61     | 97   | 8    | -                                   | 0     | Ast      | 10        | 4           |                 |                  |      |
| Jersey                           | 1022.8                              | 0                               | W           | 4            | c         | 64          | 75              | 8         | 4000       | st.         | 7           | Cloud                                         | 7     | 1023.4                              | 0                                | W                                                   | 4               | o      | 63     | 75   | 8    | 4000                                | st.   | 10       | -         | 10          | 3               |                  |      |
| Guernsey                         | 1023.9                              | -1                              | W           | 3            | o         | 63          | 75              | 8         | 4000       | Nb          | 4           | Cloud                                         | 9     | 1023.6                              | -1                               | W                                                   | 5               | bc     | 61     | 92   | 6    | -                                   | 0     | Ast      | 10        | 6           |                 |                  |      |
| LONDON OBSERVATIONS.             |                                     | WEATHER.                        |             | TEMPERATURE. |           | RAIN-FALL.  |                 | SUNSHINE. |            | HUMIDITY.   |             | ATMOSPHERIC POLLUTION.                        |       | POLAR STAR RECORD at Greenwich Obs. |                                  | CODE FOR STATE OF GROUND.                           |                 |        |        |      |      |                                     |       |          |           |             |                 |                  |      |
|                                  |                                     | Morn-ing.                       | After-noon. | Night.       | Max. of.  | Min. of.    | Min. on Grass.  | Day.      | Night.     | 1st. G.M.T. | 2nd. G.M.T. | Milligrams of Solid Impurity per cubic metre. |       | Exposure - mm.                      |                                  | 0 = Dry ground.                                     |                 |        |        |      |      |                                     |       |          |           |             |                 |                  |      |
|                                  |                                     | 24 HOURS ENDED 0900 G.M.T. 20th |             |              |           |             |                 |           | YESTERDAY. | TO-DAY.     |             | 34 Hrs. ended 1900 G.M.T. 19th                |       | South Kensington                    |                                  | 1 = Wet ground.                                     |                 |        |        |      |      |                                     |       |          |           |             |                 |                  |      |
| Kew                              |                                     | bacc                            | od          | od           | 73        | 57          | 55              | 1.02      | 5.0        | 7.1         | 7.1         | Max. Time. Min. Time.                         |       | Exposure - mm.                      |                                  | 2 = Soft (muddy) wet ground.                        |                 |        |        |      |      |                                     |       |          |           |             |                 |                  |      |
| Croydon                          |                                     | bacc                            | od          | od           | 73        | 57          | 55              | 1.02      | 5.0        | 7.1         | 7.1         | Max. Time. Min. Time.                         |       | Exposure - mm.                      |                                  | 3 = Bare ground frozen (but less than 2 ins. deep). |                 |        |        |      |      |                                     |       |          |           |             |                 |                  |      |
| Greenwich (Royal Obs.)           |                                     | bcc                             | od          | od           | 73        | 57          | 55              | 1.02      | 5.0        | 7.1         | 7.1         | Max. Time. Min. Time.                         |       | Exposure - mm.                      |                                  | 4 = Bare ground frozen (but more than 2 ins. deep). |                 |        |        |      |      |                                     |       |          |           |             |                 |                  |      |
| City (Rushall Row)               |                                     | .                               | .           | .            | 70        | 59          | 54              | 0.7       | 5.3        | 7.5         | 7.5         | Max. Time. Min. Time.                         |       | Exposure - mm.                      |                                  |                                                     |                 |        |        |      |      |                                     |       |          |           |             |                 |                  |      |



| STATIONS.                   | SUMMARIES FOR THE PAST 24 HOURS. |                   |                       |                 |                         |                          |                      |                        |                          |                         | Sun.<br>19th.           |        |
|-----------------------------|----------------------------------|-------------------|-----------------------|-----------------|-------------------------|--------------------------|----------------------|------------------------|--------------------------|-------------------------|-------------------------|--------|
|                             | WEATHER.                         |                   |                       |                 | TEMPERATURE.            |                          |                      | RAINFALL.              |                          |                         |                         |        |
|                             | 7h-12h.<br>19th.                 | 12h-18h.<br>19th. | 18h-19th.<br>to 20th. | 1h-7h.<br>20th. | MAX.<br>Day.<br>7h-12h. | MIN.<br>Night<br>12h-7h. | MIN.<br>on<br>Grass. | Day.<br>7h-12h.<br>mm. | Night.<br>12h-7h.<br>mm. | Precipitation<br>began. | Precipitation<br>ended. | Hours. |
| Lerwick ...                 | 00                               | 00                | 00                    | 00              | 57                      | 52                       | .                    | 0.2                    | 0.1                      | 1630                    | 24.00                   | 0.2    |
| Stornoway ...               | 00                               | 00                | 00                    | 00              | 62                      | 52                       | .                    | 0.5                    | 0.2                      | -                       | -                       | 2.8    |
| Wick ...                    | 00                               | 00                | 00                    | 00              | 65                      | 54                       | .                    | Trace                  | 0.3                      | 10800                   | 0.350                   | .      |
| Castlebay ...               | 00                               | 00                | 00                    | 00              | 58                      | 54                       | .                    | 1                      | 0.3                      | 10800                   | -                       | 0.8    |
| Nairn ...                   | 00                               | 00                | 00                    | 00              | 71                      | 55                       | .                    | 1                      | 1                        | 10800                   | 24.00                   | 3.9    |
| Aberdeen ...                | 00                               | 00                | 00                    | 00              | 68                      | 58                       | 54                   | Trace                  | -                        | 10800                   | -                       | 4.4    |
| Malin Head ...              | 00                               | 00                | 00                    | 00              | 61                      | 55                       | .                    | 0.4                    | 0.1                      | 10800                   | 2.100                   | 0.3    |
| Renfrew ...                 | 00                               | 00                | 00                    | 00              | 64                      | 57                       | 54                   | 2                      | 0.1                      | 10800                   | 2.100                   | 1.2    |
| Edinburgh (Inchkeith) ...   | 00                               | 00                | 00                    | 00              | 62                      | 58                       | 52                   | 4                      | Trace                    | 10800                   | 0.130                   | 5.5    |
| Leuchars ...                | 00                               | 00                | 00                    | 00              | 70                      | 58                       | 50                   | 2                      | -                        | 10800                   | -                       | 5.5    |
| Eskdalemuir ...             | 00                               | 00                | 00                    | 00              | 61                      | 57                       | 56                   | 7                      | 2                        | 10800                   | 2.100                   | 0.4    |
| Tynemouth ...               | 00                               | 00                | 00                    | 00              | 65                      | 61                       | 58                   | 4                      | Trace                    | 10800                   | -                       | .      |
| Blackad Point ...           | 00                               | 00                | 00                    | 00              | 62                      | 54                       | .                    | 0.6                    | 0.2                      | 10800                   | 0.130                   | .      |
| Donaghadee ...              | 00                               | 00                | 00                    | 00              | 68                      | 60                       | .                    | 5                      | 0.2                      | 10800                   | 0.130                   | 0.3    |
| Birr Castle ...             | 00                               | 00                | 00                    | 00              | 66                      | 58                       | 57                   | 0.3                    | 0.2                      | 10800                   | 2.100                   | 0.3    |
| Holyhead ...                | 00                               | 00                | 00                    | 00              | 62                      | 57                       | 55                   | 6                      | -                        | 10800                   | -                       | 0.0    |
| Liverpool (Bidston) ...     | 00                               | 00                | 00                    | 00              | 65                      | 54                       | 55                   | 7                      | -                        | 10800                   | -                       | 0.0    |
| Chester (Shotwick) ...      | 00                               | 00                | 00                    | 00              | 66                      | 56                       | 47                   | 5                      | -                        | 10800                   | -                       | 0.0    |
| Spurn Head ...              | 00                               | 00                | 00                    | 00              | 64                      | 59                       | .                    | 2                      | -                        | 12.30                   | -                       | 0.4    |
| Birmingham (Edgbaston) ...  | 00                               | 00                | 00                    | 00              | 59                      | 53                       | 56                   | 4                      | Trace                    | 0900                    | 2.100                   | 0.9    |
| Nottingham ...              | 00                               | 00                | 00                    | 00              | 63                      | 53                       | 57                   | 2                      | 0.1                      | 0900                    | 2.100                   | 1.6    |
| Cranwell ...                | 00                               | 00                | 00                    | 00              | 63                      | 53                       | 55                   | 1                      | -                        | 1100                    | -                       | 2.3    |
| Gorleston ...               | 00                               | 00                | 00                    | 00              | 71                      | 57                       | 57                   | 1                      | 0.5                      | 1530                    | 2.100                   | 4.5    |
| Valencia (Cahirovee) ...    | 00                               | 00                | 00                    | 00              | 62                      | 59                       | 58                   | 1                      | 1                        | 10800                   | 2.100                   | 0.1    |
| Roches Point ...            | 00                               | 00                | 00                    | 00              | 74                      | 56                       | .                    | 0.6                    | 0.3                      | 10800                   | 2.100                   | 0.0    |
| Pembroke (St. Ann's H.) ... | 00                               | 00                | 00                    | 00              | 59                      | 56                       | .                    | 0.6                    | 0.3                      | 10800                   | 2.100                   | 0.0    |
| Ross-on-Wye ...             | 00                               | 00                | 00                    | 00              | 63                      | 60                       | 55                   | 3                      | -                        | 0900                    | -                       | 0.5    |
| Benson ...                  | 00                               | 00                | 00                    | 00              | 69                      | 56                       | 48                   | 2                      | Trace                    | 1230                    | 2.100                   | .      |
| Andover ...                 | 00                               | 00                | 00                    | 00              | 66                      | 59                       | 57                   | 0.5                    | Trace                    | 1230                    | 2.100                   | 3.9    |
| S. Farnborough ...          | 00                               | 00                | 00                    | 00              | 71                      | 57                       | 53                   | 1                      | -                        | 1100                    | -                       | 4.7    |
| London (Kew Obs.) ...       | 00                               | 00                | 00                    | 00              | 68                      | 60                       | 58                   | 1                      | 0.2                      | 1230                    | 2.100                   | 5.0    |
| Croydon ...                 | 00                               | 00                | 00                    | 00              | 69                      | 57                       | 57                   | 0.4                    | 0.1                      | 1230                    | 2.100                   | 5.8    |
| Clacton-on-Sea ...          | 00                               | 00                | 00                    | 00              | 72                      | 58                       | 56                   | Trace                  | 0.3                      | 1430                    | 24.00                   | 7.2    |
| Shoeburyness ...            | 00                               | 00                | 00                    | 00              | 74                      | 59                       | 58                   | 0.2                    | -                        | 1530                    | -                       | 7.3    |
| Grain ...                   | 00                               | 00                | 00                    | 00              | 71                      | 59                       | 54                   | Trace                  | -                        | 1330                    | -                       | 5.5    |
| Lympne ...                  | 00                               | 00                | 00                    | 00              | 68                      | 57                       | 56                   | Trace                  | -                        | 1330                    | -                       | 6.7    |
| Seilly (St. Mary's) ...     | 00                               | 00                | 00                    | 00              | 64                      | 56                       | .                    | -                      | 0.3                      | -                       | -                       | 0.4    |
| Falmouth (Pendennis) ...    | 00                               | 00                | 00                    | 00              | 65                      | 59                       | 59                   | -                      | -                        | -                       | -                       | 0.8    |
| Plymouth (Cattewater) ...   | 00                               | 00                | 00                    | 00              | 63                      | 59                       | 59                   | Trace                  | -                        | 0900                    | -                       | 0.7    |
| Portland Bill ...           | 00                               | 00                | 00                    | 00              | 61                      | 56                       | .                    | 0.1                    | -                        | 1430                    | -                       | .      |
| Southampton (Calshot) ...   | 00                               | 00                | 00                    | 00              | 66                      | 61                       | 61                   | Trace                  | -                        | 1530                    | -                       | 4.3    |
| Dungeness ...               | 00                               | 00                | 00                    | 00              | 67                      | 59                       | .                    | Trace                  | -                        | 1530                    | -                       | .      |
| Jersey ...                  | 00                               | 00                | 00                    | 00              | 67                      | 57                       | .                    | Trace                  | -                        | 1530                    | 0.300                   | 4.0    |
| Guernsey ...                | 00                               | 00                | 00                    | 00              | 64                      | 58                       | .                    | Trace                  | Trace                    | 1530                    | -                       | .      |



| Observations from Cross Channel Steamers |                        |            |        |        |          |       |     |
|------------------------------------------|------------------------|------------|--------|--------|----------|-------|-----|
| Position.                                | Date and Time.         | Steamship. | Wind.  |        | Weather. | Temp. |     |
|                                          |                        |            | Dirac. | Force. |          | Air   | Sea |
| 2                                        | 19 <sup>th</sup> 1000  | "Anglia"   | S'W    | 5      | omr      | 55    | 53  |
| 1                                        | 19 <sup>th</sup> 11.00 | "Reindeer" | SW     | 3      | g/r      | 65    | 59  |
| 3                                        | 20 <sup>th</sup> 0300  | "Brighton" | WNW    | 5      | ot       | 59    | 59  |

## GENERAL INFERENCE.

The large depression north of the Faeroes is moving away N.E., but another disturbance is indicated by reports from ships to westward of Ireland. A generally unsettled type of conditions is likely to be maintained, but fair weather is probable today over the eastern half of the Kingdom.

## Further Outlook.

The present changes in progress do not discountenance the possibility of warmer, mainly fair weather in the South and East of England.

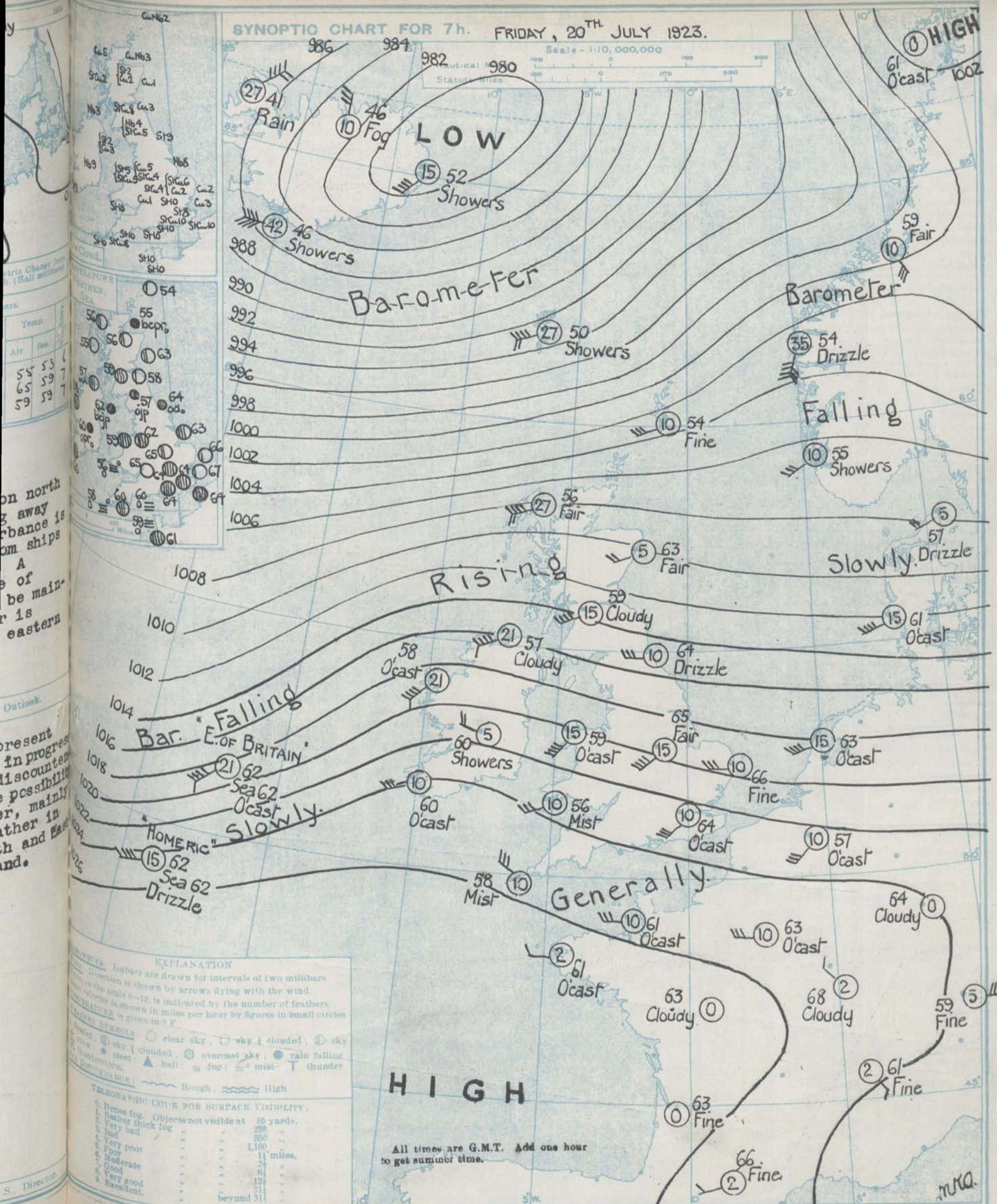
Friday, 20th July, 1923.

|                           |                                                                                                                                                       |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. S.E. England           | Wind W. or S.W., moderate or fresh; fair today, rain or drizzle probable tonight or tomorrow; visibility moderate or good; rather warm.               |
| 2. E. England             |                                                                                                                                                       |
| 3. E. Midlands            |                                                                                                                                                       |
| 4. W. Midlands            |                                                                                                                                                       |
| 5. S.W. England           | Wind southwesterly, moderate or fresh; a good deal of cloud, occasional rain or drizzle; mist or fog on coasts and high ground; moderate temperature. |
| 6. South Wales            |                                                                                                                                                       |
| 7. North Wales            |                                                                                                                                                       |
| 8. N.W. England           |                                                                                                                                                       |
| 9. N. Midlands            | As 1 to 4.                                                                                                                                            |
| 10. N.E. England          |                                                                                                                                                       |
| 11. E. Scotland           |                                                                                                                                                       |
| 12. S.W. Scotland         |                                                                                                                                                       |
| 13. Isle of Man           | As 5 to 9.                                                                                                                                            |
| 14. N. & N.W. Scotland    |                                                                                                                                                       |
| 15. Hebrides              |                                                                                                                                                       |
| 16. Orkneys and Shetlands |                                                                                                                                                       |
| 17. N.W. Ireland          | As 1 to 4.                                                                                                                                            |
| 18. N.E. Ireland          |                                                                                                                                                       |
| 19. S.E. Ireland          |                                                                                                                                                       |
| 20. S.W. Ireland          |                                                                                                                                                       |



# SYNOPTIC CHART FOR 7h. FRIDAY, 20<sup>TH</sup> JULY 1923.

Scale - 1:10,000,000





## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION. *Friday, 20<sup>th</sup> July* 1923.

No. 201.

| STATIONS.                   | Height above M.S.L. in feet. | Observations at 0100 G.M.T. 20 <sup>th</sup> |                    |        |       |          |           |             |                 |             |      |           |        | Observations at 0700 G.M.T. 20 <sup>th</sup> |                    |       |             |          |           |             |                 |        |           |       |      |      |      |    |    |
|-----------------------------|------------------------------|----------------------------------------------|--------------------|--------|-------|----------|-----------|-------------|-----------------|-------------|------|-----------|--------|----------------------------------------------|--------------------|-------|-------------|----------|-----------|-------------|-----------------|--------|-----------|-------|------|------|------|----|----|
|                             |                              | Barom. at M.S.L. m.b.                        | Change in 3 Hours. | Wind.  |       | Weather. | Temp. °F. | Humidity. % | Visibility. 0-9 | Cloud.      |      |           |        | Barom. at M.S.L. m.b.                        | Change in 3 Hours. | Wind. |             | Weather. | Temp. °F. | Humidity. % | Visibility. 0-9 | Cloud. |           |       |      |      |      |    |    |
|                             |                              |                                              |                    | Direc. | Force |          |           |             |                 | Height Feet | Form | Amt. 0-10 | Direc. |                                              |                    | Force | Height Feet |          |           |             |                 | Form   | Amt. 0-10 |       |      |      |      |    |    |
|                             |                              |                                              |                    |        |       |          |           |             |                 |             |      |           |        |                                              |                    |       |             |          |           |             |                 |        |           | 0-12  | 0-10 | 0-12 | 0-10 |    |    |
| Lerwick ...                 | 54                           | 1003.4                                       | 0                  | SW     | 1     | odd      | 53        | 97          | 5               | 450         | St   | 10        | -      | 10                                           | 1003.7             | +1    | WSW         | 3        | b         | 54          | 85              | 6      | 4000      | Cu-Nb | 2    | -    | -    | 2  | 5  |
| Stornoway ...               | 51                           | 1004.8                                       | +2                 | W      | 5     | To F.    | 53        | 92          | 4               | .           | .    | .         | -      | 10                                           | 1008.3             | +4    | WSW         | 6        | bc        | 56          | 75              | 8      | 4000      | Cu    | 5    | -    | -    | 5  | 5  |
| Wick ...                    | 81                           | 1003.5                                       | 0                  | W      | 1     | 0        | .         | .           | .               | .           | .    | .         | -      | .                                            | 1007.4             | +4    | WNW         | 3        | bcbg      | 55          | 85              | 8      | 2500      | Cu-Nb | 3    | Cu   | -    | 3  | 5  |
| Castlebay ...               | 37                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .         | -      | .                                            | 1012.8             | +4    | W           | 4        | b+        | 55          | 85              | 8      | 2500      | StCu  | 2    | -    | -    | 4  | 0  |
| Nairn ...                   | 82                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .         | -      | .                                            | 1010.1             | .     | W           | 1        | bc        | 56          | 85              | 8      | 1500      | Cu    | 4    | -    | -    | 6  | 0  |
| Aberdeen ...                | 46                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .         | -      | .                                            | 1009.7             | +4    | WSW         | 2        | bc        | 63          | 65              | 8      | 2500      | Cu    | 1    | Acu  | -    | 6  | 6  |
| Malin Head ...              | 71                           | 1012.0                                       | +1                 | WSW    | 6     | 220      | 59        | 97          | 7               | 4000        | Nb   | 10        | -      | 10                                           | 1016.0             | +3    | WSW         | 5        | c/r       | 57          | 85              | 8      | 5700      | Nb    | 3    | Acu  | -    | 8  | 6  |
| Renfrew ...                 | 49                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .         | -      | .                                            | 1014.0             | +4    | WSW         | 4        | c+        | 59          | 85              | 8      | 2500      | StCu  | 8    | -    | -    | 4  | .  |
| Edinburgh (Inchkeith) ...   | 190                          | 1009.8                                       | -1                 | SW     | 5     | 0        | 59        | 97          | 8               | .           | St   | 10        | -      | 10                                           | 1011.7             | +4    | W           | 6        | b-        | 58          | 92              | 8      | .         | Cu    | 3    | Asf  | -    | 6  | .  |
| Leuchars ...                | 96                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .         | -      | .                                            | 1016.5             | +6    | W           | 5        | bc        | 63          | 75              | 8      | 2500      | StCu  | 5    | -    | -    | 9  | .  |
| Baldernair ...              | 794                          | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .         | -      | .                                            | 1014.2             | +4    | W           | 5        | o/p       | 57          | 85              | 8      | 1500      | StCu  | 9    | -    | -    | 9  | .  |
| Tynemouth ...               | 118                          | 1011.7                                       | 0                  | W      | 3     | b-       | 64        | 92          | 7               | 800         | St   | 2         | -      | 2                                            | 1014.3             | +3    | W           | 3        | o/p       | 64          | 85              | 7      | 1500      | St    | 9    | -    | -    | 9  | 4  |
| Blackod Point ...           | 10                           | 1016.9                                       | +1                 | W      | 5     | fo+      | 59        | 97          | 3               | .           | .    | .         | -      | 10                                           | 1019.1             | +3    | SW          | 5        | o-        | 58          | 92              | 7      | .         | Cu    | 5    | -    | -    | 9  | 3  |
| Donaghadee ...              | 35                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .         | -      | .                                            | 1017.3             | +3    | W           | 4        | bcbp      | 62          | 92              | 8      | 800       | Cu    | 5    | -    | -    | 9  | 3  |
| Birr Castle ...             | 175                          | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .         | -      | .                                            | 1021.7             | .     | W           | 2        | o/p       | 60          | 92              | 6      | 1500      | Nb    | 9    | -    | -    | 10 | 1  |
| Holyhead ...                | 26                           | 1018.5                                       | +1                 | SW'S   | 4     | 0        | 57        | 97          | 7               | 2500        | StCu | 10        | -      | 10                                           | 1020.2             | +3    | SW'S        | 4        | o-        | 59          | 92              | 8      | 1500      | StCu  | 10   | -    | -    | 9  | 5  |
| Liverpool (Bidston) ...     | 189                          | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .         | -      | .                                            | 1019.1             | +2    | WSW         | 5        | o-        | 62          | 85              | 8      | 2500      | Cu    | 9    | -    | -    | 9  | .  |
| Chester (Shotwick) ...      | 16                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .         | -      | .                                            | 1019.2             | +3    | SW          | 4        | o/p       | 64          | 85              | 8      | 1500      | St    | 9    | -    | -    | 9  | .  |
| Spurn Head ...              | 26                           | 1015.7                                       | +1                 | SW     | 3     | 0        | 62        | 92          | 7               | 2500        | St   | 10        | -      | 10                                           | 1018.9             | +2    | WSW         | 4        | c+        | 63          | 97              | 7      | 4000      | Nb    | 8    | -    | -    | 8  | 4  |
| Birmingham (Edgbaston) ...  | 525                          | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .         | -      | .                                            | 1020.3             | +2    | WSW         | 4        | bc+       | 64          | 92              | 8      | 2500      | Cu-Nb | 6    | -    | -    | 6  | .  |
| Nottingham ...              | 82                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .         | -      | .                                            | 1019.3             | +2    | SW          | 4        | bc        | 65          | 85              | 7      | 2500      | StCu  | 4    | Cst  | -    | 8  | .  |
| Cranwell ...                | 237                          | 1017.3                                       | +2                 | WSW    | 4     | 0        | 63        | 95          | 7               | 1500        | StCu | 10        | -      | 10                                           | 1018.9             | +2    | WSW         | 4        | c+        | 65          | 85              | 8      | 2500      | StCu  | 8    | -    | -    | 7  | .  |
| Gorleston ...               | 13                           | 1018.2                                       | 0                  | W'S    | 2     | 0-       | 59        | 92          | 7               | .           | .    | .         | -      | 10                                           | 1018.9             | +1    | W           | 3        | bt        | 66          | 85              | 6      | 4000      | Cu    | 2    | -    | -    | 9  | 0  |
| Valencia (Cahisiveen) ...   | 30                           | 1021.9                                       | 0                  | W      | 2     | 0+       | 60        | 97          | 8               | .           | St   | 10        | -      | 10                                           | 1024.1             | +1    | WSW         | 3        | o/r       | 60          | 97              | 6      | 450       | St    | 9    | -    | -    | 3  | 4  |
| Roches Point ...            | 32                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .         | -      | .                                            | 1023.1             | +3    | SW          | 2        | b+        | 58          | 92              | 9      | 4000      | StCu  | 3    | -    | -    | 10 | 1  |
| Pembroke (St. Ann's H.) ... | 149                          | 1021.5                                       | +2                 | WSW    | 4     | FFo      | 56        | 97          | 1               | <150        | St   | 10        | -      | 10                                           | 1023.5             | +2    | WSW         | 3        | mo-       | 56          | 97              | 4      | 800       | St    | 10   | -    | -    | 12 | .  |
| Rose-on-Wye ...             | 223                          | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .         | -      | .                                            | 1021.7             | +2    | SW'W        | 4        | b         | 65          | 75              | 8      | 4000      | Cu    | 1    | -    | -    | 10 | .  |
| Benson ...                  | 186                          | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .         | -      | .                                            | 1022.0             | +2    | WSW         | 3        | o         | 64          | 92              | 7      | .         | St    | 10   | -    | -    | 10 | .  |
| Andover ...                 | 295                          | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .         | -      | .                                            | 1022.9             | +4    | W'S         | 4        | o         | 62          | 92              | 7      | 450       | St    | 10   | -    | -    | 10 | 10 |
| S. Farnborough ...          | 230                          | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .         | -      | .                                            | 1022.5             | +2    | SW          | 3        | o         | 64          | 85              | 6      | 1500      | StCu  | 10   | -    | -    | 10 | .  |
| London (Kew Obs.) ...       | 16                           | .                                            | .                  | .      | .     | .        | 62        | .           | .               | .           | .    | .         | -      | .                                            | 1022.6             | +3    | SW          | 3        | o         | 64          | 85              | 7      | 1500      | St    | 8    | Asf  | -    | 10 | .  |
| Croydon ...                 | 244                          | 1020.3                                       | +1                 | W'S    | 4     | o/r      | 62        | 92          | 7               | 1500        | StCu | 10        | -      | 10                                           | 1022.1             | +3    | WSW         | 3        | o+        | 64          | 92              | 7      | 800       | StCu  | 10   | -    | -    | 3  | 1  |
| Clacton-on-Sea ...          | 54                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .         | -      | .                                            | 1020.8             | +2    | WSW         | 3        | b-        | 67          | 85              | 6      | 4000      | Cu    | 3    | -    | -    | 0  | 8  |
| Shoeburyness ...            | 11                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .         | -      | .                                            | 1021.8             | +2    | W           | 5        | mb        | 68          | 75              | 6      | .         | .     | 0    | -    | -    | 10 | .  |
| Grain ...                   | 20                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .         | -      | .                                            | 1021.6             | +4    | SW'S        | 4        | b+        | 67          | 75              | 7      | 2500      | St    | 1    | -    | -    | 10 | .  |
| Lympe ...                   | 350                          | 1020.8                                       | +1                 | WNW    | 3     | 0        | 58        | 85          | 8               | 2500        | St   | 10        | -      | 10                                           | 1022.7             | +2    | WNW         | 3        | o         | 63          | 85              | 7      | 1500      | St    | 10   | -    | -    | 10 | 4  |
| Boilly (St. Mary's) ...     | 131                          | 1023.9                                       | +2                 | W'N    | 4     | FFo      | 58        | 97          | 1               | 1500        | St   | 10        | -      | 10                                           | 1025.4             | +3    | NW          | 3        | mo-       | 58          | 97              | 5      | 2500      | St    | 10   | -    | -    | 8  | 0  |
| Falmouth (Pendennis) ...    | 200                          | 1024.9                                       | +2                 | W      | 3     | 0        | 59        | 92          | 7               | 4000        | StCu | 9         | -      | 9                                            | 1024.9             | +2    | W           | 2        | c-        | 60          | 92              | 8      | 4000      | StCu  | 8    | -    | -    | 10 | 6  |
| Plymouth (Cutwater) ...     | 82                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .         | -      | .                                            | 1024.8             | +3    | W           | 2        | o         | 61          | 92              | 8      | 800       | St    | 10   | -    | -    | 10 | 2  |
| Portland Bill ...           | 19                           | 1021.5                                       | 0                  | W'S    | 3     | fo+      | 59        | 97          | 2               | 450         | St   | 10        | -      | 10                                           | 1024.3             | +2    | W'S         | 2        | ffo       | 60          | 92              | 3      | 450       | St    | 10   | -    | -    | 10 | 3  |
| Southampton (Oa. shot) ...  | 12                           | 1021.6                                       | +1                 | SW'W   | 3     | 0        | 62        | 92          | 8               | 1500        | St   | 10        | -      | 10                                           | 1023.5             | +2    | W'S         | 3        | o         | 65          | 85              | 8      | 1500      | St    | 10   | -    | -    | 10 | 10 |
| Dungeness ...               | 21                           | 1020.8                                       | 0                  | W      | 4     | b        | 61        | 97          | 8               | .           | .    | .         | -      | 0                                            | 1022.6             | +1    | W           | 3        | o         | 64          | 97              | 7      | 4000      | StCu  | 10   | -    | -    | 10 | 10 |
| Jersey ...                  | 25                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .         | -      | .                                            | 1023.9             | +1    | W           | 3        | o/r       | 61          | 92              | 7      | 1500      | St    | 10   | -    | -    | 10 | 10 |
| Guernsey ...                | —                            | 1024.7                                       | +1                 | W      | 3     | 0        | 59        | 97          | ?               | 22.5        | St   | 10        | -      | 10                                           | 1026.0             | +3    | W           | 4        | ffo       | 59          | 97              | 3      | 800       | St    | 10   | -    | -    | 10 | 10 |

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR *19<sup>th</sup> July*

| STATIONS.          | WEATHER.  |            | TEMPERATURE.          |                  | RAINFALL†                   |                       | SUNSHINE.              |                       | STATIONS.            | WEATHER.          |                  | TEMPERATURE.          |                  | RAINFALL†                   |                       | Sunrise to 17h.<br>17h. | Sunset to 19h.<br>19h. |
|--------------------|-----------|------------|-----------------------|------------------|-----------------------------|-----------------------|------------------------|-----------------------|----------------------|-------------------|------------------|-----------------------|------------------|-----------------------------|-----------------------|-------------------------|------------------------|
|                    | Forenoon. | Afternoon. | Min. Night<br>18h-19h | Max. Day.<br>19h | Night<br>17h-18h<br>18h-19h | Day<br>18h-19h<br>19h | Sunrise to 17h.<br>17h | Sunset to 19h.<br>19h |                      | Forenoon.         | Afternoon.       | Min. Night<br>18h-19h | Max. Day.<br>19h | Night<br>17h-18h<br>18h-19h | Day<br>18h-19h<br>19h |                         |                        |
|                    |           |            |                       |                  |                             |                       |                        |                       |                      |                   |                  |                       |                  |                             |                       |                         |                        |
| Montrose ...       | or        | bc         | 48                    | 68               | -                           | 1                     | 2.8                    | 0.3                   | Ilfracombe ...       | op                | odm              | 55                    | 62               | -                           | 0.1                   | 0.0                     | 14.5                   |
| Berwick-on-Tweed   | cdor      | dobcc      | 49                    | 65               | 0.1                         | 2                     | 2.9                    | 9.2                   | Bude ...             | id <sup>600</sup> | oid <sup>0</sup> | 50                    | 63               | 0.3                         | -                     | 0.0                     | 11.9                   |
| Llandudno ...      | bcm       | odo        | 55                    | 61               | 1                           | 1                     | 0.0                    | 5.9                   | Penzance ...         | bcc               | com              | 53                    | 67               | -                           | -                     | 1.6                     | 4.5                    |
| Colwyn Bay ...     | cdor      | pc         | 55                    | 65               | 2                           | 2                     | 0.0                    | 6.9                   | Paignton ...         | bcc               | bcco             | 50                    | 67               | -                           | -                     | 1.0                     | 10.0                   |
| Rhyl ...           | b         | cc         | 55                    | 66               | 1                           | 2                     | 0.0                    | 4.8                   | Torquay ...          | bcco              | o                | 53                    | 67               | -                           | -                     | 2.0                     | 10.8                   |
| Southport ...      | rr        | ro         | 54                    | 60               | 3                           | 8                     | 0.0                    | 5.2                   | Weymouth ...         | ocp               | odo              | 50                    | 68               | -                           | 0.2                   | -                       | -                      |
| Blackpool ...      | or        | o          | 55                    | 64               | 2                           | 9                     | 0.0                    | 4.3                   | Bournemouth ...      | bbc               | oo               | 48                    | 65               | -                           | -                     | 3.6                     | 9.0                    |
| Ilkley ...         | omf, o    | rogdo      | 51                    | 61               | 0.2                         | 5                     | 0.0                    | 9.0                   | Portsmouth (S. thea) | ba                | op               | 52                    | 68               | -                           | Trace                 | 4.6                     | 10.6                   |
| Harrogate ...      | r         | rcbcp      | 51                    | 60               | -                           | 8                     | 0.1                    | 8.3                   | Worthing ...         | bbc               | co               | 50                    | 67               | -                           | -                     | 6.1                     | 9.1                    |
| Skagness ...       | o         | o          | 50                    | 65               | -                           | 1                     | 1.5                    | 3.9                   | Brighton ...         | bcco              | o                | 53                    | 66               | -                           | -                     | 6.2                     | 10.7                   |
| Aberystwyth ...    | roc       | carr       | 56                    | 62               | 0.5                         | 2                     | 0.0                    | 8.0                   | Eastbourne ...       | bbc               | co               | 53                    | 65               | -                           | -                     | 7.5                     | 9.4                    |
| Bath ...           | o         | ard        | 49                    | 64               | -                           | 2                     | 1.0                    | 11.3                  | Hastings ...         | bbc               | bcom             | 51                    | 68               | -                           | Trace                 | 7.6                     | 8.2                    |
| Leamington Spa ... | or        | or         | 50                    | 62               | -                           | 2                     | 1.8                    | 3.7                   | Folkestone ...       | b                 | d                | 55                    | 69               | -                           | 0.2                   | 8.0                     | 7.6                    |
| Lowestoft ...      | bcco      | or         | 54                    | 72               | -                           | 1                     | 4.2                    | 4.8                   | Tanbridge Wells ...  | bbc               | o                | 47                    | 70               | -                           | -                     | 5.0                     | 4.1                    |
| Felixstowe ...     | bc        | bcor       | 54                    | 72               | -                           | -                     | 6.2                    | 7.1                   | Ramsgate ...         | bc                | bbc              | 52                    | 72               | -                           | -                     | 7.0                     | 7.2                    |
| Southend ...       | bc        | copd       | 54                    | 73               | -                           | 0.2                   | 6.2                    | 7.4                   | Margate ...          | bccbc             | cop              | 55                    | 67               | -                           | 0.1                   | 5.3                     | 3.5                    |
|                    |           |            |                       |                  |                             |                       |                        |                       | Deal ...             | ccbc              | bco              | 51                    | 71               | -                           | -                     | -                       | -                      |

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\* Information for these columns not usually received.

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

‡ For code see page 2.

§ See footnote page 1.



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.22.521

Saturday, 21st July, 1923.

Page 1.

| STATIONS.               | Observations at 1800 G.M.T. 20th |      |                    |       |       |          |       |           |             |        |      |      |           |        | Observations at 1800 G.M.T. 21st |       |       |          |       |           |             |        |      |      |      |     |      |     |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                         | Barom.                           |      | Change in 3 hours. | Wind. |       | Weather. | Temp. | Humidity. | Visibility. | Cloud. |      |      |           | Barom. | Change in 3 hours.               | Wind. |       | Weather. | Temp. | Humidity. | Visibility. | Cloud. |      |      |      |     |      |     |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | at M.S.L.                        |      |                    | Dir.  | Force |          |       |           |             | Height | Form | Amt. | at M.S.L. |        |                                  | Dir.  | Force |          |       |           |             | Height | Form | Amt. |      |     |      |     |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 0-8                              | 8-16 |                    |       |       |          |       |           |             |        |      |      | 0-8       |        |                                  |       |       |          |       |           |             |        |      |      | 8-16 | 0-8 | 8-16 | 0-8 | 8-16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (For heights see p. 4.) |                                  |      |                    |       |       |          |       |           |             |        |      |      |           |        |                                  |       |       |          |       |           |             |        |      |      |      |     |      |     |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

\* For explanation see Introduction.

\* Information for these rows was not usually received.

‡ The barometric change is expressed in half millibars.

1 For code see page 2.



| STATIONS.                   | SUMMARY FOR THE LAST 24 HOURS |                  |                  |                |                         |                           |                      |                        |                          |                         |                         |      | SUN.<br>20th<br>Hours. |
|-----------------------------|-------------------------------|------------------|------------------|----------------|-------------------------|---------------------------|----------------------|------------------------|--------------------------|-------------------------|-------------------------|------|------------------------|
|                             | WEATHER.                      |                  |                  |                | TEMPERATURE.            |                           |                      | RAINFALL.              |                          |                         |                         |      |                        |
|                             | 7h-13h.<br>20th               | 13h-18h.<br>20th | 18h-20h.<br>20th | 1h-7h.<br>21st | MAX.<br>Day.<br>7h-13h. | MIN.<br>Night.<br>13h-7h. | MIN.<br>on<br>GRASS. | Day.<br>7h-13h.<br>mm. | Night.<br>13h-7h.<br>mm. | Precipitation<br>began. | Precipitation<br>began. |      |                        |
| Lerwick ...                 | bc                            | bc               | c                | and            | 58                      | 51                        | .                    | Trace                  | 0.6                      | 0900                    | 02.30                   | 9.7  |                        |
| Stornoway ...               | c                             | c                | c                | b              | 61                      | 52                        | .                    | -                      | 1                        | -                       | -                       | 10.5 |                        |
| Wick ...                    | cbog                          | c                | c                | c              | 64                      | 50                        | .                    | Trace                  | -                        | 10800                   | -                       | 5.9  |                        |
| Castlebay ...               | bom                           | omrr             | robcd            | o              | 58                      | 54                        | .                    | 1                      | Trace                    | 1530                    | -                       | 7.5  |                        |
| Nairn ...                   | cbog                          | bogc             | cdg              | cdg            | 67                      | 50                        | .                    | -                      | -                        | -                       | -                       | 9.2  |                        |
| Aberdeen ...                | bcy                           | beyco            | bobc             | b-bc           | 70                      | 53                        | 43                   | -                      | 0.1                      | -                       | 12100                   | 9.2  |                        |
| Malin Head ...              | com                           | oim              | oim              | co             | 61                      | 55                        | .                    | 7                      | 4                        | 1100                    | 12100                   | 0.8  |                        |
| Renfrew ...                 | cg                            | cgdr             | omrr             | od             | 66                      | 55                        | 52                   | 2                      | 5                        | 1430                    | 12100                   | 7.5  |                        |
| Edinburgh (Inchkeith) ...   | c                             | ddm              | b                | bb             | 61                      | 56                        | 54                   | 0.2                    | 2                        | 1630                    | 12100                   | 8.2  |                        |
| Leuchars ...                | cbog                          | bcygr            | oo               | ob             | 69                      | 55                        | 45                   | Trace                  | -                        | 1730                    | -                       | 10.6 |                        |
| Esksdalemuir ...            | bby                           | bop              | ap               | omrac          | 68                      | 53                        | 50                   | 0.1                    | 7                        | 1530                    | 12100                   | 8.2  |                        |
| Tynewood ...                | c                             | oo               | oom              | b-bc           | 73                      | 62                        | 58                   | Trace                  | -                        | 10800                   | -                       | .    |                        |
| Blackod Point ...           | m                             | f-m              | m                | m              | 63                      | 53                        | .                    | 0.1                    | 1                        | -                       | -                       | .    |                        |
| Donaghadee ...              | bcg                           | cg               | bcg              | bcg            | 73                      | 58                        | .                    | -                      | 0.4                      | -                       | 2400                    | .    |                        |
| Birr Castle ...             | co                            | co               | oc               | oc             | 69                      | 59                        | 58                   | Trace                  | 0.1                      | 1730                    | 12100                   | 2.2  |                        |
| Holyhead ...                | cbcb                          | bby              | bcffco           | ocboc          | 67                      | 55                        | 54                   | -                      | -                        | -                       | -                       | 10.7 |                        |
| Liverpool (Bidston) ...     | apbce                         | bbe              | bc               | oc             | 72                      | 60                        | 55                   | -                      | -                        | -                       | -                       | 9.9  |                        |
| Chester (Shotwick) ...      | apbce                         | cbcb             | bbycc            | cbo            | 75                      | 61                        | 54                   | Trace                  | -                        | 10800                   | -                       | 9.9  |                        |
| Spurn Head ...              | c                             | b-bc             | c                | c              | 70                      | 60                        | .                    | -                      | -                        | -                       | -                       | 10.4 |                        |
| Birmingham (Edgbaston) ...  | bce                           | b-bc             | b-bc             | b-bc           | 78                      | 56                        | 53                   | -                      | -                        | -                       | -                       | 13.1 |                        |
| Nottingham ...              | c                             | b-bc             | b-bc             | b-bc           | 76                      | 60                        | 53                   | -                      | -                        | -                       | -                       | 12.4 |                        |
| Oranwell ...                | c                             | b-bc             | b-bc             | b-bc           | 71                      | 58                        | 51                   | -                      | -                        | -                       | -                       | 12.5 |                        |
| Gorleston ...               | b-bc                          | b-bc             | b-bc             | b-bc           | 81                      | 59                        | 52                   | -                      | -                        | -                       | -                       | 13.4 |                        |
| Valencia (Cahirovren) ...   | comd                          | oo               | co               | o              | 65                      | 60                        | 58                   | Trace                  | -                        | 10800                   | -                       | 0.1  |                        |
| Bochas Point ...            | bcb                           | bcb              | bba              | bco            | 71                      | 56                        | .                    | -                      | -                        | -                       | -                       | .    |                        |
| Pembroke (St. Ann's H.) ... | b-bc                          | c                | offeb            | c              | 62                      | 56                        | .                    | -                      | 0.1                      | -                       | 12100                   | 2.3  |                        |
| Ross-on-Wye ...             | b-bc                          | bvy              | b-bw             | b-bc           | 79                      | 57                        | 53                   | -                      | -                        | -                       | -                       | 14.1 |                        |
| Benson ...                  | ocbcb                         | b                | b-bc             | b-bc           | 82                      | 58                        | .                    | -                      | -                        | -                       | -                       | .    |                        |
| Andover ...                 | ocbcb                         | b                | b-bc             | co             | 78                      | 58                        | 52                   | -                      | -                        | -                       | -                       | 10.9 |                        |
| S. Farnborough ...          | ocb                           | by               | by               | o              | 85                      | 57                        | 52                   | -                      | -                        | -                       | -                       | 12.0 |                        |
| London (Kew Obs.) ...       | ocb                           | bby              | byb              | b-bc           | 81                      | 59                        | 55                   | -                      | -                        | -                       | -                       | 11.8 |                        |
| Oraydon ...                 | by                            | by               | byw              | b-bw           | 82                      | 57                        | 54                   | -                      | -                        | -                       | -                       | 12.9 |                        |
| Clacton-on-Sea ...          | bey                           | b-bc             | b-bc             | b-bc           | 82                      | 60                        | 56                   | -                      | -                        | -                       | -                       | 13.5 |                        |
| Shoeburyness ...            | b-bc                          | b-bc             | b-bc             | b-bc           | 84                      | 60                        | 53                   | -                      | -                        | -                       | -                       | 13.1 |                        |
| Grain ...                   | b-bc                          | b-bc             | b-bc             | b-bc           | 83                      | 58                        | 49                   | -                      | -                        | -                       | -                       | 13.4 |                        |
| Lymington ...               | ocbcb                         | b-bc             | b-bc             | b-bc           | 77                      | 56                        | 50                   | Trace                  | -                        | -                       | -                       | 12.0 |                        |
| Sally (St. Mary's) ...      | oif                           | omif             | offe             | offe           | 66                      | 57                        | .                    | -                      | 0.6                      | -                       | -                       | 2.3  |                        |
| Falmouth (Pendennis) ...    | cbeco                         | cbeco            | cbeco            | cbeco          | 69                      | 59                        | .                    | -                      | -                        | -                       | -                       | 3.6  |                        |
| Plymouth (Ottewater) ...    | ob                            | bo               | oo               | oo             | 71                      | 60                        | .                    | -                      | -                        | -                       | -                       | 9.3  |                        |
| Portland Bill ...           | m                             | b-bc             | b-bc             | oo             | 64                      | 59                        | .                    | -                      | -                        | -                       | -                       | .    |                        |
| Southampton (Calshot) ...   | bb                            | b-bc             | b-bc             | oo             | 72                      | 59                        | 57                   | -                      | -                        | -                       | -                       | 11.1 |                        |
| Dungeness ...               | iff                           | oif              | offe             | f              | 68                      | 57                        | .                    | -                      | -                        | -                       | -                       | .    |                        |
| Jersey ...                  | oco                           | oco              | offe             | offe           | 66                      | 58                        | .                    | -                      | -                        | -                       | -                       | 2.9  |                        |
| Guernsey ...                | o                             | o                | o                | o              | 67                      | 57                        | .                    | -                      | -                        | -                       | -                       | .    |                        |



| Observations from Cross Channel Steamers. |                |            |     | Wind. |        | Weather. |    | Temp. |      |
|-------------------------------------------|----------------|------------|-----|-------|--------|----------|----|-------|------|
| Position.                                 | Date and Time. | Steamship. |     | Dir.  | Force. |          |    | Air.  | Sea. |
| 2                                         | 20th 10.00     | "Anglia"   | WSW | 4     | b      | 61       | 56 | 56    | 56   |
| 1                                         | 20th 11.00     | "Ibex"     | W   | 2     | ffo    | 59       | 58 | 58    | 58   |
| 3                                         | 21st 08.00     | "Dieppe"   | SW  | 2     | ffo    | 57       | 57 | 57    | 57   |

## GENERAL INFERENCE.

The anticyclone centred off the southwest coasts shows a tendency to spread over the British Isles. Weather is likely to be cloudy on the western coasts with fog or slight drizzle in places, but elsewhere fair or fine, warm weather is probable.

## Further Outlook.

A spell of warm weather is not at all improbable, especially in the South, Midlands and East of England.

| Districts.                | Forecast for the 24 hours commencing 15h. GMT. Saturday, 21st, July, 1923.                                                                  |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 1. S.E. England           |                                                                                                                                             |
| 2. E. England             | Light variable or westerly breezes; fine; morning mist inland, coastal fog in places; very warm.                                            |
| 3. E. Midlands            |                                                                                                                                             |
| 4. W. Midlands            | Light variable or westerly breezes; fine; morning mist; very warm.                                                                          |
| 5. S.W. England           |                                                                                                                                             |
| 6. South Wales            | Light variable or westerly breezes; fair or cloudy; some coastal mist or fog; warm.                                                         |
| 7. North Wales            |                                                                                                                                             |
| 8. N.W. England           |                                                                                                                                             |
| 9. N. Midlands            |                                                                                                                                             |
| 10. N.E. England          | Moderate S.W. or W. winds; fair and warm; morning mist locally.                                                                             |
| 11. E. Scotland           |                                                                                                                                             |
| 12. S.W. Scotland         |                                                                                                                                             |
| 13. Isle of Man           |                                                                                                                                             |
| 14. N.E. N.W. Scotland    |                                                                                                                                             |
| 15. Hebrides              | Wind southwesterly, moderate or fresh, strong locally; cloudy, slight drizzle in places; coastal mist or fog locally; moderate temperature. |
| 16. Orkneys and Shetlands |                                                                                                                                             |
| 17. N.W. Ireland          |                                                                                                                                             |
| 18. N.E. Ireland          |                                                                                                                                             |
| 19. S.E. Ireland          | As 7 to 13.                                                                                                                                 |
| 20. S.W. Ireland          | As 14 to 17.                                                                                                                                |



# SYNOPTIC CHART FOR 7h. SATURDAY, 21<sup>ST</sup> JULY 1923.

Scale - 1:10,000,000

Nautical Miles  
Statute Miles

LOW

H. Barometer  
Fine  
Rising.

Barometer

Barometer

50 Showers

Steady.

55 Ocast

61 Fine

56 Ocast

58 Cloudy

61 Cloudy

61 Ocast

61 Ocast

61 Ocast

61 Ocast

61 Ocast

61 Ocast

61 Ocast

61 Ocast

61 Ocast

61 Ocast

61 Ocast

61 Ocast

61 Ocast

61 Ocast

61 Ocast

61 Ocast

61 Ocast

HIGH

Slowly.

LOW

mko.

## EXPLANATION

Isobars are drawn for intervals of two millibars  
Direction is shown by arrows flying with the wind.  
The main 6-12, is indicated by the number of feathers.  
Velocity is shown in miles per hour by figures in small circles  
Temperature is given in °F

SYMBOLS: ○ clear sky, ○ sky & clouded, ○ sky & rain, ○ overcast sky, ○ rain falling, ○ hail, ○ fog, ○ mist, T thunder

WIND: ~~~~~ Rough, ~~~~~ High

## TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

|                                                |           |
|------------------------------------------------|-----------|
| 1. Dense fog. Objects not visible at 50 yards. | 220       |
| 2. Very bad                                    | 250       |
| 3. Bad                                         | 300       |
| 4. Very poor                                   | 400       |
| 5. Poor                                        | 500       |
| 6. Moderate                                    | 600       |
| 7. Good                                        | 700       |
| 8. Very good                                   | 800       |
| 9. Excellent.                                  | 900       |
| beyond 91                                      | beyond 91 |



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION Saturday, 21<sup>st</sup> July 1923.

No. 202

| STATIONS.               | Height above M.S.L. in feet. | Observations at 0100 G.M.T. 21 <sup>st</sup> |                    |        |       |          |           |             |                 |             |      |      | Observations at 0700 G.M.T. 21 <sup>st</sup> |                  |                    |            |        |          |           |             |                 |        |             |      |      |             |            |    |
|-------------------------|------------------------------|----------------------------------------------|--------------------|--------|-------|----------|-----------|-------------|-----------------|-------------|------|------|----------------------------------------------|------------------|--------------------|------------|--------|----------|-----------|-------------|-----------------|--------|-------------|------|------|-------------|------------|----|
|                         |                              | Barom. at M.S.L.                             | Change in 3 Hours. | Wind.  |       | Weather. | Temp. °F. | Humidity. % | Visibility. 0-6 | Cloud.      |      |      |                                              | Barom. at M.S.L. | Change in 3 Hours. | Wind.      |        | Weather. | Temp. °F. | Humidity. % | Visibility. 0-6 | Cloud. |             |      |      |             |            |    |
|                         |                              |                                              |                    | Direc. | Force |          |           |             |                 | Height Feet | Form | Amt. | Upper Form.                                  |                  |                    | Total Amt. | Direc. |          |           |             |                 | Force  | Height Feet | Form | Amt. | Upper Form. | Total Amt. |    |
|                         |                              |                                              |                    |        |       |          |           |             |                 |             |      |      |                                              |                  |                    |            |        |          |           |             |                 |        |             |      |      |             |            |    |
| Lerwick ...             | 54                           | 1008.5                                       | 0                  | SW     | 3     | c/r      | 52        | 85          | 6               | 4000        | Sc   | 6    | As                                           | 8                | 1008.6             | 0          | SW     | 3        | cd        | 52          | 85              | 6      | 4000        | Sc   | 5    | As          | 9          | 2  |
| Stornoway ...           | 51                           | 1012.0                                       | H                  | WNW    | 4     | b        | 50        | 85          | 5               | 5000        | Sc   | 6    | As                                           | 8                | 1013.9             | +2         | WSW    | 4        | o/r       | 55          | 85              | 6      | 4500        | Sc   | 10   | -           | 7          | 2  |
| Wick ...                | 81                           | 1010.4                                       | 0                  | SW     | 3     | c        | 50        | 85          | 8               | 5000        | Sc   | 6    | As                                           | 8                | 1011.4             | +1         | WSW    | 2        | c         | 57          | 75              | 8      | 5000        | Sc   | 7    | -           | 9          | 0  |
| Castlebay ...           | 37                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .    | .                                            | .                | 1016.9             | +1         | SW     | 4        | o         | 59          | 92              | 7      | 1500        | Sc   | 9    | -           | 6          | 0  |
| Nairn ...               | 82                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .    | .                                            | .                | 1014.1             | .          | WSW    | 3        | bc        | 57          | 65              | 8      | 4000        | Sc   | 6    | -           | 2          | .  |
| Aberdeen ...            | 46                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .    | .                                            | .                | 1015.4             | +2         | W'S    | 2        | b-        | 61          | 65              | 8      | 2500        | Sc   | 2    | -           | .          | .  |
| Malin Head ...          | 71                           | 1014.2                                       | +2                 | N      | 5     | c/r      | 56        | 94          | 4               | 5000        | Nb   | 8    | -                                            | 8                | 1019.8             | +2         | WSW    | 5        | c/r       | 58          | 92              | 8      | 5000        | Sc   | 8    | -           | 8          | 4  |
| Renfrew ...             | 49                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .    | .                                            | .                | 1019.6             | +6         | W      | 3        | b-        | 56          | 85              | 8      | 1500        | Sc   | 9    | -           | 2          | .  |
| Edinburgh (Inchkeith)   | 190                          | 1013.9                                       | 0                  | WSW    | 5     | c        | 58        | 92          | 8               | .           | Sc   | 4    | As                                           | Y                | 1016.6             | +2         | WSW    | 6        | b/r       | 56          | 85              | 8      | -           | Sc   | 1    | Sc          | 1          | .  |
| Leuchars ...            | 36                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .    | .                                            | .                | 1016.4             | +5         | W      | 4        | b         | 61          | 75              | 8      | -           | Sc   | 0    | Sc          | 1          | .  |
| Eskdalemuir ...         | 794                          | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .    | .                                            | .                | 1020.4             | +4         | W      | 4        | c         | 55          | 85              | 8      | 2500        | Sc   | 7    | -           | 3          | .  |
| Tynemouth ...           | 118                          | 1014.4                                       | -1                 | W      | 2     | o        | 63        | 85          | Y               | 4000        | Sc   | 10   | -                                            | 10               | 1019.3             | +2         | W      | 3        | b         | 62          | 65              | 7      | 2500        | Sc   | 2    | Sc          | .          | 10 |
| Blackod Point ...       | 10                           | 1021.5                                       | +1                 | SW     | 6     | fo       | 58        | 97          | 3               | -           | -    | -    | -                                            | 10               | 1022.0             | 0          | SW     | 6        | mo        | 59          | 97              | 7      | -           | Sc   | 2    | Ac          | 3          | 4  |
| Donaghadee ...          | 35                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .    | .                                            | .                | 1020.6             | 0          | WSW    | 4        | b-        | 60          | 65              | 8      | 1500        | Sc   | 10   | -           | 10         | 3  |
| Birr Castle ...         | 175                          | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .    | .                                            | .                | 1024.2             | .          | S      | 1        | o+        | 61          | 92              | 6      | 2500        | Nb   | 10   | -           | 7          | 6  |
| Holyhead ...            | 26                           | 1022.9                                       | 0                  | SSW    | 3     | off      | 54        | 92          | 8               | 2500        | Sc   | 9    | -                                            | 9                | 1024.0             | +2         | SWW    | 5        | c+        | 61          | 85              | 8      | 4000        | Sc   | 7    | -           | 8          | .  |
| Liverpool (Bidston)     | 189                          | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .    | .                                            | .                | 1023.1             | +1         | WSW    | 5        | c-        | 62          | 85              | 8      | 2500        | Sc   | 8    | -           | 10         | .  |
| Chester (Shotwick) ...  | 16                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .    | .                                            | .                | 1023.7             | +2         | WSW    | 4        | o         | 64          | 75              | 8      | 2500        | Sc   | 10   | -           | .          | 10 |
| Spurn Head ...          | 26                           | 1021.3                                       | 0                  | SW     | 4     | b        | 63        | 85          | 8               | 4000        | Sc   | 3    | -                                            | 3                | 1022.1             | +1         | WSW    | 5        | o         | 62          | 85              | 7      | 2500        | Sc   | 10   | -           | 5          | 2  |
| Birmingham (Edgbaston)  | 525                          | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .    | .                                            | .                | 1025.1             | +2         | WSW    | 4        | bc        | 63          | 92              | 8      | 2500        | Sc   | 5    | -           | 9          | .  |
| Nottingham ...          | 82                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .    | .                                            | .                | 1023.6             | +1         | W      | 4        | o+        | 65          | 85              | 8      | 2500        | Sc   | 9    | -           | 3          | 8  |
| Cranwell ...            | 237                          | 1023.1                                       | +1                 | WSW    | 2     | b        | 59        | 85          | 8               | 4000        | Sc   | 1    | -                                            | 1                | 1023.6             | +2         | WSW    | 4        | b+        | 64          | 85              | 8      | 4000        | Sc   | 2    | Ac          | 5          | .  |
| Gorleston ...           | 13                           | 1022.2                                       | 0                  | WNW    | 1     | b        | 63        | 85          | Y               | -           | -    | 0    | -                                            | 0                | 1023.1             | 0          | WNW    | 4        | bc+       | 62          | 85              | 6      | 4000        | Sc   | 5    | -           | .          | 10 |
| Valencia (Cahisioren)   | 30                           | 1026.1                                       | 0                  | SE     | 4     | o/r      | 60        | 94          | 8               | .           | Sc   | 10   | -                                            | 10               | 1027.4             | +3         | SW     | 3        | o         | 61          | 92              | 6      | 800         | Sc   | 10   | -           | 10         | 0  |
| Roches Point ...        | 32                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .    | .                                            | .                | 1027.1             | +2         | WSW    | 3        | o         | 62          | 92              | 8      | 2500        | Sc   | 10   | -           | 8          | 4  |
| Pembroke (St. Ann's H.) | 149                          | 1026.0                                       | 0                  | SW     | 4     | b        | 58        | 94          | 8               | -           | -    | 0    | -                                            | 0                | 1026.9             | +2         | WSW    | 4        | c+        | 58          | 92              | 8      | 4000        | Sc   | 8    | -           | 4          | .  |
| Roos-on-Wye ...         | 223                          | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .    | .                                            | .                | 1025.2             | +1         | W'S    | 2        | bc        | 65          | 75              | 8      | 4000        | Sc   | 4    | -           | 5          | .  |
| Benson ...              | 188                          | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .    | .                                            | .                | 1025.7             | +2         | WSW    | 3        | bc-       | 65          | 85              | 8      | -           | Sc   | 5    | -           | .          | 10 |
| Andover ...             | 295                          | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .    | .                                            | .                | 1026.8             | +2         | W      | 3        | o         | 60          | 92              | 7      | 800         | Sc   | 10   | -           | 10         | 10 |
| S. Farnborough ...      | 230                          | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .    | .                                            | .                | 1026.4             | +2         | WNW    | 3        | o+        | 62          | 85              | 8      | 1500        | Sc   | 10   | -           | 9          | .  |
| London (Kew Obs.) ...   | 18                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .    | .                                            | .                | 1026.6             | +2         | W      | 2        | o-        | 63          | 85              | 8      | 2500        | Sc   | 9    | -           | 9          | .  |
| Orocydon ...            | 244                          | 1024.9                                       | 0                  | W      | 2     | b        | 60        | 92          | Y               | -           | -    | 0    | Ac                                           | 1                | 1026.1             | +2         | WNW    | 2        | o         | 61          | 85              | 7      | 800         | Sc   | 9    | -           | .          | 1  |
| Orleton-on-Sea ...      | 54                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .    | .                                            | .                | 1025.0             | +3         | WNW    | 4        | b         | 61          | 85              | 6      | 1500        | Sc   | 3    | Ac          | 10         | 0  |
| Shoeburyness ...        | 11                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .    | .                                            | .                | 1025.7             | +2         | W      | 1        | b         | 63          | 75              | 5      | -           | Sc   | 20   | Ac          | 8          | 0  |
| Grain ...               | 20                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .    | .                                            | .                | 1025.8             | +2         | WSW    | 4        | c+        | 62          | 85              | 6      | 2500        | Sc   | 8    | -           | 10         | .  |
| Lympne ...              | 350                          | 1025.2                                       | 0                  | SWW    | 2     | fo       | 54        | 94          | 2               | <150        | Sc   | 10   | -                                            | 10               | 1027.0             | +2         | W      | 3        | off       | 59          | 97              | 6      | 225         | Sc   | 10   | -           | .          | 10 |
| Seilly (St. Mary's) ... | 131                          | 1028.8                                       | H                  | WNW    | 2     | ffo      | 58        | 94          | 2               | 1500        | Sc   | 10   | -                                            | 10               | 1028.9             | +1         | WNW    | 1        | ffo       | 59          | 97              | 2      | 1500        | Sc   | 10   | -           | 7          | 6  |
| Falmouth (Pendennis)    | 200                          | 1028.0                                       | +1                 | WNW    | 2     | bc       | 59        | 92          | Y               | 4000        | Sc   | 5    | -                                            | 5                | 1029.3             | +1         | WNW    | 2        | c         | 60          | 85              | 8      | 4000        | Sc   | 7    | -           | 10         | 0  |
| Plymouth (Cattewater)   | 82                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .    | .                                            | .                | 1028.4             | +2         | WNW    | 3        | o         | 61          | 92              | 7      | 800         | Sc   | 10   | -           | 10         | .  |
| Portland Bill ...       | 19                           | 1026.3                                       | H                  | NW     | 2     | b        | 62        | 92          | Y               | -           | -    | 0    | -                                            | 0                | 1027.2             | +3         | NW     | 2        | o+        | 61          | 92              | 7      | 2500        | Sc   | 10   | -           | 10         | 0  |
| Southampton (Cahshot)   | 12                           | 1026.1                                       | 0                  | WNW    | 3     | o+       | 60        | 94          | 8               | -           | -    | 0    | As                                           | 10               | 1027.0             | +1         | W      | 4        | o         | 63          | 85              | 8      | 1500        | Sc   | 10   | -           | 10         | 0  |
| Dungeness ...           | 21                           | 1025.0                                       | 0                  | SW     | 1     | ffo      | 59        | 94          | 1               | <150        | Sc   | 10   | -                                            | 10               | 1025.6             | +1         | W      | 2        | o/r       | 60          | 97              | 7      | 1500        | Sc   | 10   | -           | 10         | 0  |
| Jersey ...              | 25                           | .                                            | .                  | .      | .     | .        | .         | .           | .               | .           | .    | .    | .                                            | .                | 1028.6             | +1         | W      | 3        | o         | 61          | 97              | 6      | 800         | Sc   | 10   | -           | 10         | 0  |
| Guernsey ...            | 102                          | 1024.1                                       | 0                  | W      | 2     | ffo      | 59        | 94          | 2               | 450         | Sc   | 10   | -                                            | 10               | 1029.3             | +3         | WNW    | 2        | ffo       | 58          | 97              | 2      | 225         | Sc   | 10   | -           | .          | 10 |

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 20<sup>th</sup> JULY.

| STATIONS.          | WEATHER.   |             | TEMPERATURE.                                    |                              | RAINFALL†                                                                     |                                                           | SUNSHINE.                                        |                                          | STATIONS.            | WEATHER.   |             | TEMPERATURE.                                    |                              | RAINFALL†                                                                     |                                                           | SUNSHINE.                                        |                                          |
|--------------------|------------|-------------|-------------------------------------------------|------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------|------------------------------------------|----------------------|------------|-------------|-------------------------------------------------|------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------|------------------------------------------|
|                    | Fore-noon. | After-noon. | Min. Night.<br>19 <sup>h</sup> -20 <sup>h</sup> | Max. Day.<br>20 <sup>h</sup> | Night<br>17 <sup>h</sup> -19 <sup>h</sup><br>19 <sup>h</sup> -20 <sup>h</sup> | Day<br>9 <sup>h</sup> -17 <sup>h</sup><br>20 <sup>h</sup> | Sunrise to<br>17 <sup>h</sup><br>20 <sup>h</sup> | Sunrise to<br>Sunset.<br>19 <sup>h</sup> |                      | Fore-noon. | After-noon. | Min. Night.<br>19 <sup>h</sup> -20 <sup>h</sup> | Max. Day.<br>20 <sup>h</sup> | Night<br>17 <sup>h</sup> -19 <sup>h</sup><br>19 <sup>h</sup> -20 <sup>h</sup> | Day<br>9 <sup>h</sup> -17 <sup>h</sup><br>20 <sup>h</sup> | Sunrise to<br>17 <sup>h</sup><br>20 <sup>h</sup> | Sunrise to<br>Sunset.<br>19 <sup>h</sup> |
|                    |            |             |                                                 |                              |                                                                               |                                                           |                                                  |                                          |                      |            |             |                                                 |                              |                                                                               |                                                           |                                                  |                                          |
| Montrose ...       | b          | cc          | 54                                              | 70                           | -                                                                             | -                                                         | 9.6                                              | 1.9                                      | Ilfracombe ...       | omdc       | comd        | 58                                              | 64                           | -                                                                             | -                                                         | 0.4                                              | 0.0                                      |
| Berwick-on-Tweed   | zbc        | bc          | 61                                              | 69                           | -                                                                             | -                                                         | 9.5                                              | 5.2                                      | Bude ...             | mmdc       | mddc        | 59                                              | 66                           | -                                                                             | -                                                         | 1.1                                              | 0.0                                      |
| Llandudno ...      | cbc        | bc          | 60                                              | 71                           | -                                                                             | -                                                         | 6.3                                              | 0.0                                      | Penzance ...         | ebc        | bcc         | 58                                              | 68                           | -                                                                             | -                                                         | 1.2                                              | 1.6                                      |
| Colwyn Bay ...     | bc         | bc          | 62                                              | 73                           | -                                                                             | -                                                         | 6.8                                              | 0.0                                      | Paignton ...         | b          | b           | 59                                              | 77                           | -                                                                             | -                                                         | 11.9                                             | 1.1                                      |
| Rhyl ...           | cbc        | dc          | 60                                              | 72                           | -                                                                             | -                                                         | 7.9                                              | 0.0                                      | Terquay ...          | b          | b           | 60                                              | 77                           | -                                                                             | -                                                         | 6.7                                              | 2.0                                      |
| Southport ...      | bcb        | b           | 60                                              | 69                           | -                                                                             | -                                                         | 7.4                                              | 0.0                                      | Weymouth ...         | obc        | b           | 60                                              | 77                           | -                                                                             | -                                                         | -                                                | -                                        |
| Blackpool ...      | co         | bbc         | 60                                              | 70                           | -                                                                             | -                                                         | 7.3                                              | 0.0                                      | Bournemouth ...      | b          | b           | 60                                              | 81                           | -                                                                             | -                                                         | 9.5                                              | 3.5                                      |
| Ilkley ...         | omdc       | cbebc       | 59                                              | 70                           | 4                                                                             | -                                                         | 6.1                                              | 0.0                                      | Portsmouth (S' thea) | b          | b           | 62                                              | 78                           | -                                                                             | -                                                         | 9.0                                              | 6.1                                      |
| Harrogate ...      | cbc        | bcb         | 52                                              | 68                           | 0.3                                                                           | -                                                         | 7.9                                              | 0.6                                      | Worthing ...         | bhc        | bc          | 61                                              | 71                           | -                                                                             | -                                                         | 5.7                                              | 6.2                                      |
| Skidgate ...       | o          | b           | 57                                              | 78                           | -                                                                             | -                                                         | 10.2                                             | 1.5                                      | Brighton ...         | o          | m           | 61                                              | 67                           | -                                                                             | -                                                         | 1.5                                              | 7.5                                      |
| Aberystwyth ...    | ocb        | b           | 58                                              | 68                           | -                                                                             | -                                                         | 6.0                                              | 0.0                                      | Eastbourne ...       | bm         | bb          | 59                                              | 67                           | -                                                                             | -                                                         | 9.8                                              | -                                        |
| Bath ...           | ocbcb      | bcb         | 60                                              | 73                           | -                                                                             | -                                                         | 7.0                                              | 1.0                                      | Haslemere ...        | cbebc      | bccaf       | 59                                              | 71                           | -                                                                             | -                                                         | 10.4                                             | 7.6                                      |
| Leamington Spa ... | bc         | bc          | 57                                              | 79                           | -                                                                             | -                                                         | 10.7                                             | 1.8                                      | Folkestone ...       | o          | bc          | 59                                              | 75                           | -                                                                             | -                                                         | 8.5                                              | 5.0                                      |
| Lowestoft ...      | b          | b           | 57                                              | 81                           | -                                                                             | -                                                         | 11.5                                             | 4.2                                      | Tunbridge Wells ...  | b          | b           | 58                                              | 83                           | -                                                                             | -                                                         | 9.8                                              | 7.0                                      |
| Felixstowe ...     | ob         | b           | 57                                              | 82                           | -                                                                             | -                                                         | 10.8                                             | 6.2                                      | Ramsgate ...         | bcb        | b           | 59                                              | 80                           | -                                                                             | -                                                         | 10.0                                             | 5.4                                      |
| Southend ...       | bcb        | b           | 59                                              | 84                           | -                                                                             | -                                                         | 10.3                                             | 6.2                                      | Margate ...          | bcb        | b           | 59                                              | 80                           | -                                                                             | -                                                         | 10.2                                             | -                                        |
|                    |            |             |                                                 |                              |                                                                               |                                                           |                                                  |                                          | Deal ...             | cbb        | bb          | 59                                              | 82                           | -                                                                             | -                                                         | -                                                | -                                        |

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

\* Information for these columns not usually received.

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

‡ For code see page 3.

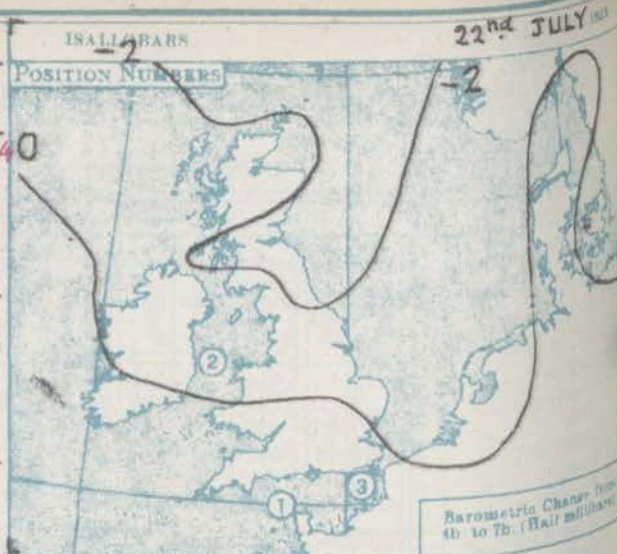
§ See footnote page 1.







| STATIONS.                   | WEATHER. |          |           |          | TEMPERATURE. |                |                      | RAINFALL.       |                   |                         |                         | Sun.<br>2.1st<br>Hours. |
|-----------------------------|----------|----------|-----------|----------|--------------|----------------|----------------------|-----------------|-------------------|-------------------------|-------------------------|-------------------------|
|                             | 7h-12h.  | 12h-12h. | 12h-21st. | 21st-7h. | MAX.<br>Day. | MIN.<br>Night. | MIN.<br>on<br>Grass. | Day.<br>7h-12h. | Night.<br>12h-7h. | Precipitation<br>began. | Precipitation<br>ended. |                         |
|                             | 21st     | 21st     | 21st      | 21st     | 7h-12h.      | 12h-7h.        | Grass.               | mm.             | mm.               | mm.                     | mm.                     |                         |
| Lerwick ...                 | omr      | cp       | od        | od       | 57           | 50             | .                    | 3               | 2                 | 408.00                  | 21.00                   | 5.04                    |
| Stornoway ...               | omr      | cp       | od        | od       | 60           | 55             | .                    | 2               | 4                 | —                       | —                       | 0.2                     |
| Wick ...                    | cbp      | op       | rd        | rd       | 62           | 53             | .                    | 0.1             | 2                 | 123.0                   | 21.00                   | .                       |
| Castletown ...              | op       | op       | rd        | rd       | 56           | 55             | .                    | 0.6             | 5                 | —                       | 21.00                   | 0.0                     |
| Nairn ...                   | bccp     | op       | rd        | rd       | 63           | 57             | .                    | —               | 1                 | —                       | —                       | 2.7                     |
| Aberdeen ...                | bccp     | op       | rd        | rd       | 63           | 57             | 54                   | —               | 2                 | —                       | 02.30                   | 5.3                     |
| Malin Head ...              | cop      | co       | oim       | oim      | 63           | 57             | .                    | 0.3             | 0.2               | 09.00                   | 21.00                   | 4.3                     |
| Reefre ...                  | oc       | co       | oim       | oim      | 65           | 57             | 55                   | Trace           | 3                 | 408.00                  | 24.00                   | 0.6                     |
| Edinburgh (Inchkeith) ...   | c        | c        | oim       | oim      | 63           | 57             | 56                   | Trace           | —                 | —                       | 03.30                   | 9.2                     |
| Leuchars ...                | bccp     | co       | oim       | oim      | 71           | 56             | 47                   | —               | —                 | —                       | —                       | 8.5                     |
| Edinburgh (Leith) ...       | bccp     | co       | oim       | oim      | 66           | 56             | 55                   | Trace           | 0.4               | 123.0                   | 06.30                   | 5.2                     |
| Tynemouth ...               | bcc      | bcc      | oim       | oim      | 75           | 60             | 58                   | —               | —                 | —                       | —                       | .                       |
| Blackhead Point ...         | f-m      | f-m      | f-m       | f-m      | 61           | 55             | .                    | —               | 1                 | —                       | —                       | .                       |
| Donaghadee ...              | bcc      | bcc      | oim       | oim      | 75           | 62             | .                    | —               | —                 | —                       | —                       | .                       |
| Birr Castle ...             | coir     | co       | oim       | oim      | 72           | 60             | 59                   | 0.2             | 0.2               | 408.00                  | 21.00                   | 3.8                     |
| Holyhead ...                | coir     | bcc      | bcc       | bcc      | 67           | 58             | 56                   | 0.1             | —                 | 123.0                   | —                       | 7.5                     |
| Liverpool (Bilston) ...     | bcc      | bcc      | oim       | oim      | 72           | 61             | 56                   | —               | —                 | —                       | —                       | 8.6                     |
| Chester (Shotwick) ...      | bcc      | bcc      | bcc       | bcc      | 76           | 63             | 49                   | —               | —                 | —                       | —                       | 9.5                     |
| Spurn Head ...              | bcc      | bcc      | bcc       | bcc      | 72           | 62             | .                    | —               | —                 | —                       | —                       | 12.0                    |
| Birmingham (Edgbaston) ...  | bcc      | bcc      | bcc       | bcc      | 75           | 59             | 51                   | —               | —                 | —                       | —                       | 10.6                    |
| Nottingham ...              | bcc      | bcc      | bcc       | bcc      | 76           | 60             | 57                   | —               | —                 | —                       | —                       | 10.0                    |
| Cranwell ...                | bcc      | bcc      | bcc       | bcc      | 77           | 59             | 56                   | —               | —                 | —                       | —                       | 11.0                    |
| Gorleston ...               | bcc      | bcc      | bcc       | bcc      | 80           | 59             | 54                   | —               | —                 | —                       | —                       | 13.6                    |
| Valencia (Cahiroreen) ...   | o        | com      | adm       | adm      | 65           | 59             | 58                   | 0.1             | —                 | —                       | 21.00                   | 0.1                     |
| Roche Point ...             | aco      | ac       | aco       | aco      | 70           | 57             | .                    | —               | —                 | —                       | —                       | .                       |
| Pembroke (St. Ann's H.) ... | c        | c        | f         | f        | 62           | 56             | .                    | Trace           | —                 | 01.30                   | —                       | 5.5                     |
| Bosc-on-Wye ...             | bcc      | bcc      | bcc       | bcc      | 75           | 53             | 53                   | —               | —                 | —                       | —                       | 10.8                    |
| Boscon ...                  | bcc      | bcc      | bcc       | bcc      | 81           | 56             | 47                   | —               | —                 | —                       | —                       | .                       |
| Andover ...                 | bcc      | bcc      | bcc       | bcc      | 76           | 58             | 54                   | —               | —                 | —                       | —                       | 10.4                    |
| S. Farnborough ...          | bcc      | bcc      | bcc       | bcc      | 82           | 52             | 50                   | —               | —                 | —                       | —                       | 10.6                    |
| London (Kew Obs.) ...       | bcc      | bcc      | bcc       | bcc      | 79           | 59             | 55                   | —               | —                 | —                       | —                       | 11.9                    |
| Croydon ...                 | bcc      | bcc      | bcc       | bcc      | 79           | 58             | 54                   | —               | —                 | —                       | —                       | 12.1                    |
| Clacton-on-Sea ...          | bcc      | bcc      | bcc       | bcc      | 79           | 59             | 55                   | —               | —                 | —                       | —                       | 13.8                    |
| Sharnbury ...               | bcc      | bcc      | bcc       | bcc      | 83           | 59             | 55                   | —               | —                 | —                       | —                       | 12.9                    |
| Grimsby ...                 | bcc      | bcc      | bcc       | bcc      | 80           | 58             | 50                   | —               | —                 | —                       | —                       | 9.9                     |
| Lympne ...                  | bcc      | bcc      | bcc       | bcc      | 79           | 56             | 51                   | —               | —                 | —                       | —                       | 10.3                    |
| Billy (St. Mary's) ...      | bcc      | bcc      | bcc       | bcc      | 68           | 57             | .                    | —               | —                 | —                       | —                       | 8.7                     |
| Falmouth (Pensance) ...     | bcc      | bcc      | bcc       | bcc      | 71           | 59             | .                    | —               | —                 | —                       | —                       | 6.1                     |
| Plymouth (Cattewater) ...   | bcc      | bcc      | bcc       | bcc      | 73           | 60             | 62                   | —               | —                 | —                       | —                       | 9.0                     |
| Portland Bill ...           | bcc      | bcc      | bcc       | bcc      | 63           | 60             | .                    | —               | —                 | —                       | —                       | .                       |
| Southampton (Calshot) ...   | bcc      | bcc      | bcc       | bcc      | 75           | 56             | 54                   | —               | —                 | —                       | —                       | 10.1                    |
| Dungeness ...               | bcc      | bcc      | bcc       | bcc      | 68           | 60             | .                    | —               | —                 | —                       | —                       | .                       |
| Jersey ...                  | bcc      | bcc      | bcc       | bcc      | 67           | 58             | .                    | —               | —                 | —                       | —                       | 0.7                     |
| Guernsey ...                | bcc      | bcc      | bcc       | bcc      | 65           | 56             | .                    | —               | —                 | —                       | —                       | .                       |



| Observations from Cross Channel Steamers. |                |            |      | Wind.  |      | Weather. |      | Temp. |       |
|-------------------------------------------|----------------|------------|------|--------|------|----------|------|-------|-------|
| Position.                                 | Date and Time. | Steamship. | Dir. | Force. | Dir. | Force.   | Air. | Sea.  | Wind. |
| 2                                         | 21st 10.00     | 'Anglia'   | SSW  | 4      | C    | 62       | 56   | 5     | 5     |
| 1                                         | 21st 11.00     | 'Reindeer' | —    | 0      | ifo  | 63       | 59   | 5     | 5     |
| 3                                         | 22nd 04.00     | 'Brighton' | N    | 2      | bv   | 59       | 60   | 8     | 8     |

## GENERAL INFERENCE.

Depressions passing in the Iceland neighbourhood will cause a general westerly wind current over the British Isles with some rain in the North.

| Districts.                | Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 22nd July, 1923.                                     |
|---------------------------|----------------------------------------------------------------------------------------------------------------|
| 1. S.E. England           | Moderate W. to N.W. winds, fresh on coast; fair generally but dull at times; visibility good; warm.            |
| 2. E. England             |                                                                                                                |
| 3. E. Midlands            | Moderate W. to N.W. winds; fair generally but dull at times; visibility good; rather warm.                     |
| 4. W. Midlands            |                                                                                                                |
| 5. S.W. England           | Moderate N.W. winds; fair; visibility good; warm.                                                              |
| 6. South Wales            |                                                                                                                |
| 7. North Wales            | Moderate or fresh S.W. to W. winds; cloudy, slight rain at times; visibility moderate; moderate temperature.   |
| 8. N.W. England           |                                                                                                                |
| 9. N. Midlands            |                                                                                                                |
| 10. N.E. England          | Fresh or strong S.W. to W. winds; dull, some rain at times; visibility poor to moderate; moderate temperature. |
| 11. E. Scotland           |                                                                                                                |
| 12. S.W. Scotland         |                                                                                                                |
| 13. Isle of Man           | As 7 to 9.                                                                                                     |
| 14. N. & N.W. Scotland    |                                                                                                                |
| 15. Hebrides              | As 10 to 12.                                                                                                   |
| 16. Orkneys and Shetlands |                                                                                                                |
| 17. N.W. Ireland          | As 7 to 9.                                                                                                     |
| 18. N.E. Ireland          |                                                                                                                |
| 19. S.E. Ireland          | Moderate westerly winds; fair generally but dull at times; visibility good; moderate temperature.              |
| 20. S.W. Ireland          |                                                                                                                |

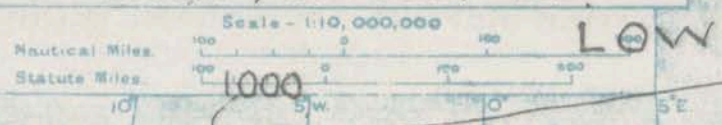
Further Outlook

Continuing mainly fair in the South; unsettled in the North.



4 JULY 1923

# SYNOPTIC CHART FOR 7h SUNDAY, 22<sup>nd</sup> JULY, 1923.



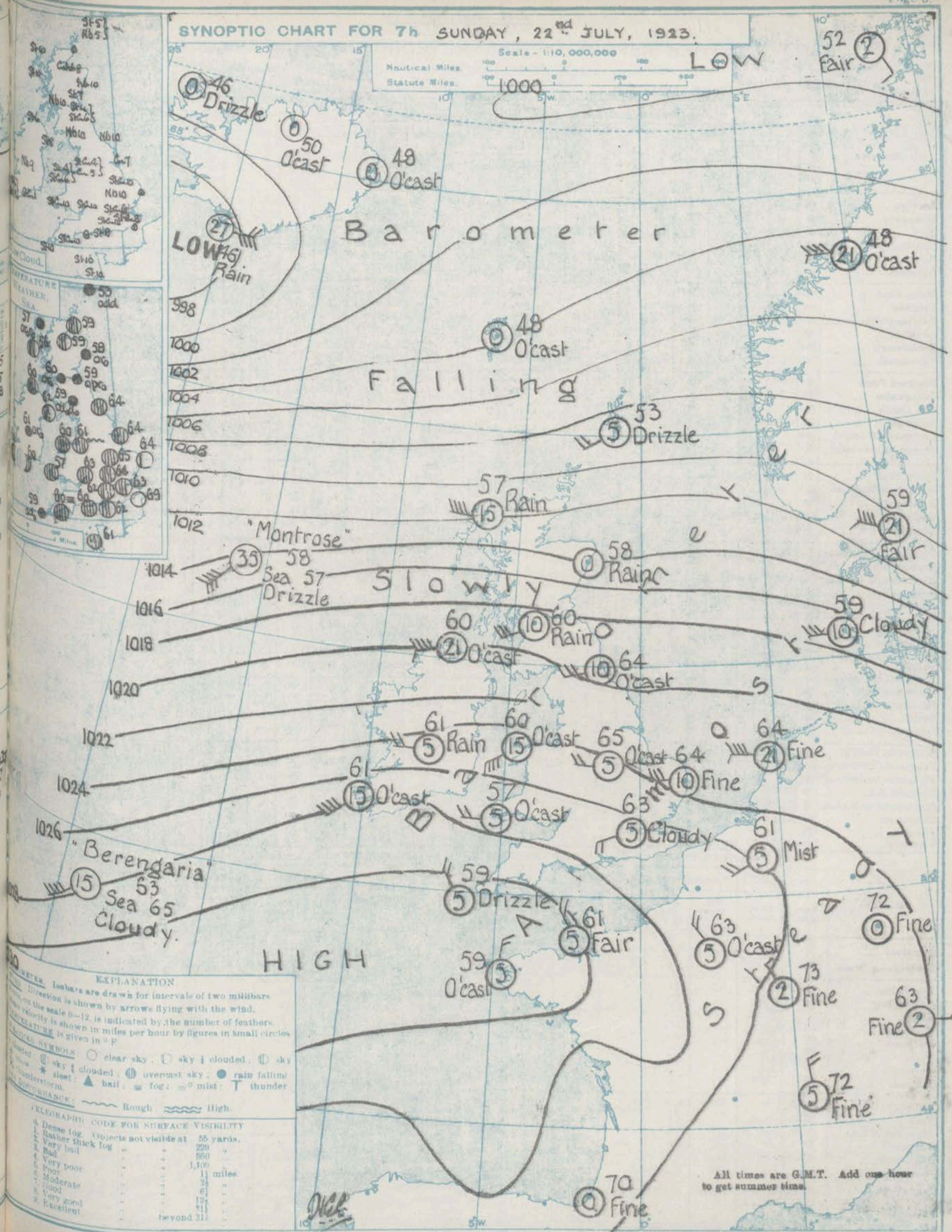
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R.S. Director



| EXPLANATION                                                                                                                                        |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Isobars are drawn for intervals of two millibars.                                                                                                  |  |
| Direction is shown by arrows flying with the wind.                                                                                                 |  |
| Force on the scale 0-12, is indicated by the number of feathers.                                                                                   |  |
| Velocity is shown in miles per hour by figures in small circles.                                                                                   |  |
| Weather is given in ° P.                                                                                                                           |  |
| SYMBOLS: ○ clear sky; □ sky & clouded; ☁ sky & clouded; ☂ sky & clouded; ☃ overcast sky; ● rain falling; ★ sleet; ▲ hail; = fog; ° mist; T thunder |  |
| WIND DIRECTION: ~~~~~ Rough ~~~~~ High                                                                                                             |  |
| TELEGRAPHIC CODE FOR SURFACE VISIBILITY                                                                                                            |  |
| 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 " " 11 miles                                                                                                                          |  |
| 6. Poor " " 22 "                                                                                                                                   |  |
| 7. Moderate " " 44 "                                                                                                                               |  |
| 8. Good " " 88 "                                                                                                                                   |  |
| 9. Very good " " 176 "                                                                                                                             |  |
| 0. Excellent " " beyond 311 "                                                                                                                      |  |

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



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION.....SUNDAY 22<sup>nd</sup> July 1923.....

No. 203.

| STATIONS.                   | Height above<br>M.S.L. in feet. | Observations at 0100 G.M.T. 22 <sup>nd</sup> |                       |        |       |          |              |                |                    |                |      |              | Observations at 0700 G.M.T. 22 <sup>nd</sup> |                     |                       |        |       |          |              |                |                    |                |      |              |                |                       |    |   |
|-----------------------------|---------------------------------|----------------------------------------------|-----------------------|--------|-------|----------|--------------|----------------|--------------------|----------------|------|--------------|----------------------------------------------|---------------------|-----------------------|--------|-------|----------|--------------|----------------|--------------------|----------------|------|--------------|----------------|-----------------------|----|---|
|                             |                                 | Barom. at<br>M.S.L.                          | Change in<br>3 Hours. | Wind.  |       | Weather. | Temp.<br>°F. | Humidity.<br>% | Visibility.<br>0-9 | Cloud.         |      |              |                                              | Barom. at<br>M.S.L. | Change in<br>3 Hours. | Wind.  |       | Weather. | Temp.<br>°F. | Humidity.<br>% | Visibility.<br>0-9 | Cloud.         |      |              |                |                       |    |   |
|                             |                                 |                                              |                       | Direc. | Force |          |              |                |                    | Height<br>Feet | Form | Amt.<br>0-10 | Total<br>Form. Amt.<br>0-10                  |                     |                       | Direc. | Force |          |              |                |                    | Height<br>Feet | Form | Amt.<br>0-10 | Upper<br>Form. | Total<br>Amt.<br>0-10 |    |   |
|                             |                                 |                                              |                       |        |       |          |              |                |                    |                |      |              |                                              |                     |                       |        |       |          |              |                |                    |                |      |              |                |                       |    |   |
| Lerwick ...                 | 54                              | 10124                                        | +1                    | W      | 2     | od.      | 51           | 85             | 7                  | 2500           | Nb   | 10           | -                                            | 10                  | 10086                 | -3     | SW    | 2        | od           | 53             | 97                 | 5              | 450  | Nb           | 10             | -                     | 10 | 1 |
| Sornoway ...                | 51                              | 10140                                        | -2                    | W      | 3     | r        | 51           | 85             | 4                  | 2500           | Nb   | 10           | -                                            | 10                  | 10120                 | -2     | W     | 4        | of           | 57             | 92                 | 6              | 450  | St           | 10             | -                     | 10 | 3 |
| Wick ...                    | 81                              | 10133                                        | -2                    | SW     | 2     | 0        | 56           | 92             | 8                  | 2500           | CuNb | 10           | -                                            | 10                  | 10106                 | -1     | W     | 1        | of           | 59             | 92                 | 8              | -    | St           | 0              | AST                   | 10 | 0 |
| Castlebay ...               | 37                              | .                                            | .                     | .      | .     | .        | .            | .              | .                  | .              | .    | .            | .                                            | .                   | 10159                 | 0      | W     | 4        | od.          | 56             | 97                 | 4              | 800  | St           | 10             | -                     | 8  | 8 |
| Nairn ...                   | 82                              | .                                            | .                     | .      | .     | .        | .            | .              | .                  | .              | .    | .            | .                                            | .                   | 10132                 | .      | .     | 0        | C            | 59             | 92                 | 8              | 4000 | CuNb         | 8              | -                     | 10 | 0 |
| Aberdeen ...                | 46                              | .                                            | .                     | .      | .     | .        | .            | .              | .                  | .              | .    | .            | .                                            | .                   | 10142                 | -2     | -     | 0        | of           | 58             | 92                 | 8              | 2500 | Nb           | 10             | -                     | 10 | 0 |
| Malin Head ...              | 71                              | 10207                                        | 0                     | WSW    | 5     | od.      | 59           | 97             | 7                  | 2500           | St   | 10           | -                                            | 10                  | 10192                 | -2     | WSW   | 5        | of           | 60             | 97                 | 7              | 2500 | St           | 6              | AST                   | 10 | 4 |
| Benbow ...                  | 49                              | .                                            | .                     | .      | .     | .        | .            | .              | .                  | .              | .    | .            | .                                            | .                   | 10186                 | -1     | SW    | 3        | of           | 60             | 97                 | 6              | 800  | Nb           | 10             | -                     | 10 | 4 |
| Edinburgh (Inchkeith) ...   | 130                             | 10186                                        | 0                     | WSW    | 4     | 0        | 58           | 97             | 8                  | -              | St   | 4            | AST                                          | 10                  | 10169                 | +2     | WSW   | 5        | of           | 59             | 97                 | 8              | -    | St           | 10             | -                     | 10 | 0 |
| Leuchars ...                | 36                              | .                                            | .                     | .      | .     | .        | .            | .              | .                  | .              | .    | .            | .                                            | .                   | 10160                 | 0      | WSW   | 4        | 0            | 61             | 85                 | 8              | 1500 | St           | 7              | AST                   | 10 | 1 |
| Baldernair ...              | 794                             | .                                            | .                     | .      | .     | .        | .            | .              | .                  | .              | .    | .            | .                                            | .                   | 10203                 | 0      | WSW   | 4        | od.          | 59             | 97                 | 6              | 800  | Nb           | 10             | -                     | 10 | 1 |
| Tynemouth ...               | 118                             | 10210                                        | 0                     | W      | 2     | 0        | 63           | 85             | 7                  | 4000           | Nb   | 10           | -                                            | 10                  | 10194                 | -2     | WSW   | 3        | 0            | 64             | 85                 | 7              | 4000 | Nb           | 10             | -                     | 10 | 1 |
| Blackod Point ...           | 10                              | 10242                                        | -1                    | SW     | 6     | fo       | 59           | 97             | 3                  | -              | -    | -            | -                                            | 10                  | 10226                 | -1     | SW    | 6        | of           | 62             | 85                 | 7              | -    | St           | 8              | -                     | 10 | 1 |
| Donaghadee ...              | 35                              | .                                            | .                     | .      | .     | .        | .            | .              | .                  | .              | .    | .            | .                                            | .                   | 10219                 | 0      | SW    | 2        | C            | 62             | 92                 | 8              | 1500 | St           | 8              | -                     | 10 | 1 |
| Birr Castle ...             | 175                             | .                                            | .                     | .      | .     | .        | .            | .              | .                  | .              | .    | .            | .                                            | .                   | 10259                 | .      | W     | 2        | of           | 61             | 92                 | 6              | 1500 | Nb           | 9              | -                     | 10 | 1 |
| Holyhead ...                | 26                              | 10260                                        | +1                    | SW     | 3     | b        | 59           | 97             | 8                  | -              | -    | 0            | -                                            | 0                   | 10254                 | 0      | SWW   | 4        | 0            | 60             | 92                 | 8              | 1500 | St           | 10             | -                     | 10 | 1 |
| Liverpool (Bidston) ...     | 189                             | .                                            | .                     | .      | .     | .        | .            | .              | .                  | .              | .    | .            | .                                            | .                   | 10246                 | 0      | WSW   | 5        | 0            | 61             | 92                 | 8              | 2500 | Cu           | 9              | -                     | 10 | 1 |
| Chester (Shotwick) ...      | 16                              | .                                            | .                     | .      | .     | .        | .            | .              | .                  | .              | .    | .            | .                                            | .                   | 10248                 | 0      | WSW   | 3        | 0            | 65             | 75                 | 8              | 800  | St           | 10             | -                     | 10 | 1 |
| Spurn Head ...              | 26                              | 10231                                        | -1                    | WSW    | 5     | C+       | 63           | 85             | 7                  | 2500           | St   | 8            | -                                            | 8                   | 10229                 | 0      | WSW   | 5        | OT           | 64             | 85                 | 7              | 2500 | Cu           | 7              | AST                   | 10 | 1 |
| Birmingham (Edgbaston) ...  | 525                             | .                                            | .                     | .      | .     | .        | .            | .              | .                  | .              | .    | .            | .                                            | .                   | 10212                 | 0      | W     | 3        | C+           | 64             | 85                 | 8              | 4000 | St           | 8              | -                     | 10 | 1 |
| Nottingham ...              | 82                              | .                                            | .                     | .      | .     | .        | .            | .              | .                  | .              | .    | .            | .                                            | .                   | 10245                 | 0      | W     | 2        | 0            | 65             | 85                 | 8              | 1500 | Nb           | 10             | -                     | 10 | 0 |
| Cranwell ...                | 237                             | 10250                                        | +1                    | WSW    | 4     | b        | 61           | 92             | 8                  | -              | -    | 0            | -                                            | 0                   | 10244                 | 0      | WSW   | 4        | 0            | 64             | 85                 | 8              | 4000 | St           | 10             | -                     | 10 | 0 |
| Gorleston ...               | 13                              | 10244                                        | 0                     | W      | 2     | cb       | 63           | 85             | 8                  | -              | -    | 10           | -                                            | 10                  | 10228                 | -1     | WN    | 3        | b            | 64             | 85                 | 7              | -    | -            | 0              | Ci                    | 10 | 3 |
| Valencia (Cahiroveon) ...   | 30                              | 10277                                        | 0                     | SSE    | 5     | of       | 60           | 97             | 6                  | -              | St   | 10           | -                                            | 10                  | 10287                 | 0      | SW'S  | 4        | 0            | 61             | 92                 | 6              | 800  | St           | 10             | -                     | 10 | 4 |
| Roches Point ...            | 32                              | .                                            | .                     | .      | .     | .        | .            | .              | .                  | .              | .    | .            | .                                            | .                   | 10280                 | 0      | WSW   | 2        | 0            | 60             | 97                 | 8              | 2500 | St           | 10             | -                     | 10 | 0 |
| Pembroke (St. Ann's H.) ... | 149                             | 10287                                        | 0                     | W      | 2     | ff       | 57           | 97             | 1                  | 150            | St   | 10           | -                                            | 10                  | 10278                 | 0      | W     | 2        | of           | 57             | 97                 | 8              | 2500 | St           | 10             | -                     | 10 | 0 |
| Ross-on-Wye ...             | 223                             | .                                            | .                     | .      | .     | .        | .            | .              | .                  | .              | .    | .            | .                                            | .                   | 10264                 | 0      | SW    | 2        | 0            | 63             | 85                 | 7              | 2500 | St           | 10             | -                     | 10 | 0 |
| Benson ...                  | 188                             | .                                            | .                     | .      | .     | .        | .            | .              | .                  | .              | .    | .            | .                                            | .                   | 10268                 | 0      | WSW   | 2        | 0            | 64             | 85                 | 7              | 1500 | St           | 10             | -                     | 10 | 0 |
| Andover ...                 | 295                             | .                                            | .                     | .      | .     | .        | .            | .              | .                  | .              | .    | .            | .                                            | .                   | 10279                 | 0      | W'S   | 3        | 0            | 60             | 92                 | 7              | 450  | St           | 10             | -                     | 10 | 0 |
| S. Farnborough ...          | 230                             | .                                            | .                     | .      | .     | .        | .            | .              | .                  | .              | .    | .            | .                                            | .                   | 10271                 | 0      | W     | 3        | 0            | 62             | 85                 | 8              | 1500 | St           | 10             | -                     | 10 | 0 |
| London (Kew Obsy.) ...      | 18                              | .                                            | .                     | .      | .     | .        | .            | .              | .                  | .              | .    | .            | .                                            | .                   | 10274                 | +1     | SWW   | 2        | C            | 63             | 85                 | 7              | 2500 | St           | 8              | -                     | 10 | 0 |
| Croydon ...                 | 244                             | 10270                                        | 0                     | W'S    | 2     | b        | 61           | 85             | 7                  | -              | -    | 0            | -                                            | 0                   | 10269                 | 0      | W     | 3        | 0            | 61             | 92                 | 7              | 800  | St           | 10             | -                     | 10 | 0 |
| Olveston-on-Sea ...         | 54                              | .                                            | .                     | .      | .     | .        | .            | .              | .                  | .              | .    | .            | .                                            | .                   | 10257                 | 0      | W     | 3        | bc           | 63             | 85                 | 7              | -    | -            | 0              | Ci                    | 4  | 0 |
| Shoeburyness ...            | 11                              | .                                            | .                     | .      | .     | .        | .            | .              | .                  | .              | .    | .            | .                                            | .                   | 10266                 | 0      | W     | 2        | bc           | 65             | 75                 | 7              | -    | -            | 0              | ACu                   | 3  | 0 |
| Grain ...                   | 20                              | .                                            | .                     | .      | .     | .        | .            | .              | .                  | .              | .    | .            | .                                            | .                   | 10267                 | +1     | W     | 4        | b            | 62             | 85                 | 8              | 2500 | St           | 3              | 0                     | 7  | 0 |
| Lymington ...               | 350                             | 10264                                        | +1                    | N      | 3     | b        | 59           | 97             | 7                  | 4000           | St   | 3            | -                                            | 3                   | 10268                 | +1     | NNW   | 3        | C+           | 62             | 92                 | 8              | -    | -            | 0              | Ci                    | 10 | 2 |
| Selly (St. Mary's) ...      | 131                             | 10308                                        | 0                     | NW     | 2     | OT       | 59           | 97             | 8                  | 4000           | St   | 10           | -                                            | 10                  | 10307                 | +1     | NNW   | 2        | od.          | 59             | 97                 | 6              | 2500 | St           | 10             | -                     | 10 | 0 |
| Falmouth (Pendennis) ...    | 200                             | 10306                                        | 0                     | NW     | 2     | C        | 60           | 92             | 8                  | 4000           | St   | 7            | -                                            | 7                   | 10302                 | 0      | NNW   | 2        | mo           | 60             | 92                 | 7              | 4000 | St           | 10             | -                     | 10 | 0 |
| Plymouth (Cattewater) ...   | 82                              | .                                            | .                     | .      | .     | .        | .            | .              | .                  | .              | .    | .            | .                                            | .                   | 10292                 | 0      | NNW   | 3        | 0            | 62             | 85                 | 8              | 800  | St           | 10             | -                     | 10 | 0 |
| Portland Bill ...           | 19                              | 10285                                        | +1                    | NNW    | 3     | b        | 60           | 92             | 7                  | -              | -    | 0            | -                                            | 0                   | 10285                 | 0      | NNW   | 3        | OT           | 60             | 92                 | 7              | 4000 | St           | 10             | -                     | 10 | 0 |
| Southampton (Oa. shot) ...  | 12                              | 10285                                        | 0                     | NNW    | 2     | b        | 59           | 92             | 8                  | -              | -    | 0            | -                                            | 0                   | 10281                 | 0      | NNW   | 3        | C+           | 62             | 85                 | 8              | 2500 | St           | 8              | -                     | 10 | 0 |
| Dungeness ...               | 21                              | 10263                                        | +1                    | NNW    | 3     | b        | 62           | 97             | 8                  | -              | -    | 0            | -                                            | 0                   | 10266                 | +1     | NNW   | 3        | b            | 69             | 92                 | 7              | -    | -            | 0              | -                     | 10 | 0 |
| Jersey ...                  | 25                              | .                                            | .                     | .      | .     | .        | .            | .              | .                  | .              | .    | .            | .                                            | .                   | 10293                 | 0      | NNW   | 2        | 0            | 61             | 85                 | 7              | 1500 | St           | 10             | -                     | 10 | 0 |
| Guernsey ...                | -                               | 10304                                        | 0                     | NW     | 3     | b        | 59           | 97             | 2                  | -              | St   | 10           | -                                            | 10                  | 10304                 | +2     | NNW   | 2        | 0            | 58             | 97                 | 5              | 1500 | St           | 10             | -                     | 10 | 0 |

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 21<sup>st</sup> July

| STATIONS.          | WEATHER.  |            | TEMPERATURE.      |              | RAINFALL†      |             | SUNSHINE.       |                    | STATIONS.            | WEATHER.  |            | TEMPERATURE.      |              | RAINFALL†      |             | Sunrise to 17h. | Sunset to 20h. |
|--------------------|-----------|------------|-------------------|--------------|----------------|-------------|-----------------|--------------------|----------------------|-----------|------------|-------------------|--------------|----------------|-------------|-----------------|----------------|
|                    | Forenoon. | Afternoon. | Min. Night 20-21. | Max. Day 21. | Night 17h-21h. | Day 9h-17h. | Sunrise to 17h. | Sunrise to Sunset. |                      | Forenoon. | Afternoon. | Min. Night 20-21. | Max. Day 21. | Night 17h-21h. | Day 9h-17h. |                 |                |
| Montrose ...       | b         | bc         | 54                | 70           | 1              | -           | 77              | 82                 | Ilfracombe ...       | acbc      | bcbb       | 58                | 66           | 0.1            | -           | 3.0             | 0.6            |
| Berwick-on-Tweed   | bcbe      | bcbe       | 59                | 72           | 3              | -           | 75              | 85                 | Bude ...             | acbc      | bcbb       | 59                | 70           | 1              | -           | 4.2             | 1.3            |
| Llandudno ...      | c         | bc         | 60                | 71           | -              | -           | 59              | 87                 | Pennance ...         | bc        | bc         | 59                | 71           | 0.1            | -           | 8.3             | 14.8           |
| Colwyn Bay ...     | bc        | bc         | 61                | 73           | -              | -           | 53              | 95                 | Palngton ...         | o         | bc         | 57                | 74           | -              | -           | 7.9             | 9.8            |
| Rhyl...            | c         | bcc        | 61                | 75           | -              | -           | 48              | 10.6               | Torquay ...          | b         | b          | 59                | 75           | -              | -           | 1.8             | -              |
| Southport ...      | bcbe      | bcbe       | 61                | 69           | -              | -           | 65              | 10.3               | Weymouth ...         | cb        | b          | 58                | 75           | -              | -           | -               | -              |
| Blackpool ...      | c bc      | bc         | 61                | 70           | -              | -           | 45              | 87                 | Bournemouth ...      | acbc      | bb         | 58                | 80           | -              | -           | 8.0             | 12.2           |
| Ilkley ...         | bcbb      | b          | 60                | 72           | -              | -           | 11.0            | 6.9                | Portsmouth (S. obs.) | acbc      | bb         | 60                | 77           | -              | -           | 7.3             | 11.6           |
| Harrogate ...      | b         | bc         | 59                | 72           | -              | -           | 9.1             | 9.9                | Worthing ...         | b         | b          | 57                | 73           | -              | -           | 9.0             | 17.7           |
| Skagness ...       | bc        | b          | 57                | 78           | -              | -           | 12.0            | 12.3               | Brighton ...         | c         | b          | 57                | 70           | -              | -           | 9.8             | 10.4           |
| Aberystwyth ...    | oco       | b          | 59                | 64           | -              | -           | 0.7             | 6.5                | Eastbourne ...       | abc       | b          | 58                | 68           | -              | -           | -               | -              |
| Bath ...           | acbc      | bc         | 60                | 73           | -              | -           | 5.0             | 3.3                | Hastings ...         | cbcb      | b          | 58                | 72           | -              | -           | 8.7             | 11.1           |
| Leamington Spa ... | acbc      | bc         | 58                | 77           | -              | -           | 7.0             | 12.9               | Folkstone ...        | bc        | bc         | 58                | 71           | -              | -           | 9.5             | 11.9           |
| Lowestoft ...      | b         | b          | 59                | 80           | -              | -           | 12.3            | 13.5               | Tanbridge Wells ...  | b         | b          | 56                | 80           | -              | -           | 11.1            | 11.4           |
| Felixstowe ...     | b         | bc         | 60                | 79           | -              | -           | 11.6            | 11.1               | Ramsgate ...         | b         | bm         | 58                | 76           | -              | -           | 12.0            | 12.5           |
| Southend ...       | bc        | bc         | 58                | 84           | -              | -           | 10.2            | 12.5               | Margate ...          | b         | b          | 60                | 80           | -              | -           | 10.0            | -              |
|                    |           |            |                   |              |                |             |                 |                    | Deal ...             | cbcb      | bb         | 58                | 78           | -              | -           | -               | -              |

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\* Information for these columns not usually received.

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

‡ For code see page 2.

§ See footnote page 1.



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.22523

Monday, 23<sup>rd</sup> July, 1923.

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| BRITISH SECTION.                             |                  |                    |       |       |          |       |           |             |         |       |         |        |                  |                    |       |         |          | FOREIGN SECTION.                             |           |             |        |         |      |       |       |       |       |       |       |       |       |        |  |  |  |
|----------------------------------------------|------------------|--------------------|-------|-------|----------|-------|-----------|-------------|---------|-------|---------|--------|------------------|--------------------|-------|---------|----------|----------------------------------------------|-----------|-------------|--------|---------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|--|--|
| Observations at 1800 G.M.T. 22 <sup>nd</sup> |                  |                    |       |       |          |       |           |             |         |       |         |        |                  |                    |       |         |          | Observations at 1800 G.M.T. 23 <sup>rd</sup> |           |             |        |         |      |       |       |       |       |       |       |       |       |        |  |  |  |
| STATIONS.                                    | Barom. at M.S.L. | Change in 3 Hours. | Wind. |       | Weather. | Temp. | Humidity. | Visibility. | Cloud.  |       |         |        | Barom. at M.S.L. | Change in 3 Hours. | Wind. |         | Weather. | Temp.                                        | Humidity. | Visibility. | Cloud. |         |      |       |       |       |       |       |       |       |       |        |  |  |  |
|                                              |                  |                    | Dir.  | Force |          |       |           |             | Height. | Form. | Amount. | Dir.   |                  |                    | Force | Height. |          |                                              |           |             | Form.  | Amount. |      |       |       |       |       |       |       |       |       |        |  |  |  |
|                                              |                  |                    |       |       |          |       |           |             |         |       |         |        |                  |                    |       |         |          |                                              |           |             |        |         | 0-10 | 10-20 | 20-30 | 30-40 | 40-50 | 50-60 | 60-70 | 70-80 | 80-90 | 90-100 |  |  |  |
| (For heights see p. 4.)                      | m.b.             |                    |       |       |          | °F.   | %         | 0-9         | Feet    | 0-10  | 0-10    | m.b.   |                  |                    |       |         | °F.      | %                                            | 0-9       | Feet        | 0-10   | 0-10    | 0-10 |       |       |       |       |       |       |       |       |        |  |  |  |
| Lerwick                                      | 1007.5           | -1                 | WSW   | 2     | mo       | 55    | 92        | 5           | 450     | St    | 10      | 1007.5 | -3               | WSW                | 2     | mo      | 54       | 97                                           | 3         | 450         | St     | 10      | 10   | 1     |       |       |       |       |       |       |       |        |  |  |  |
| Shornway                                     | 1010.8           | -1                 | W     | 4     | mo       | 58    | 97        | 6           | 450     | St    | 10      | 1007.4 | -3               | W                  | 3     | mo      | 58       | 92                                           | 6         | 450         | St     | 10      | 10   | 2     |       |       |       |       |       |       |       |        |  |  |  |
| Wick                                         | 1009.4           | -1                 | W     | 2     | mo       | 64    | 75        | 9           | 4000    | Cu    | 7       | 1007.5 | -1               | W                  | 2     | mo      | 61       | 85                                           | 8         | 2500        | Cu     | 6       | 10   | 4     |       |       |       |       |       |       |       |        |  |  |  |
| Cairn                                        | 1014.0           | -1                 | WSW   | 5     | mo       | 57    | 97        | 4           | 800     | Nb    | 10      | 1011.0 | -3               | WSW                | 5     | mo      | 57       | 97                                           | 4         | 800         | Nb     | 10      | 10   | 5     |       |       |       |       |       |       |       |        |  |  |  |
| Nairn                                        | 1012.9           | -2                 | SW'S  | 3     | mo       | 71    | 55        | 8           | 4000    | Cu    | 2       | 1010.4 | -2               | SW                 | 3     | mo      | 66       | 75                                           | 8         | 4000        | St     | 4       | 10   | 0     |       |       |       |       |       |       |       |        |  |  |  |
| Aberdeen                                     | 1018.0           | -1                 | WSW   | 5     | mo       | 61    | 92        | 7           | 2500    | St    | 10      | 1014.4 | -3               | WSW                | 5     | mo      | 60       | 97                                           | 7         | 4000        | Nb     | 6       | 10   | 0     |       |       |       |       |       |       |       |        |  |  |  |
| Malla Head                                   | 1017.5           | -1                 | SW    | 4     | mo       | 63    | 92        | 6           | 800     | Nb    | 10      | 1015.0 | -3               | SW                 | 4     | mo      | 61       | 92                                           | 6         | 800         | Nb     | 7       | 10   | 0     |       |       |       |       |       |       |       |        |  |  |  |
| Reafrew                                      | 1016.0           | -1                 | WSW   | 5     | mo       | 60    | 97        | 7           | 4000    | St    | 10      | 1014.1 | -2               | WSW                | 5     | mo      | 60       | 92                                           | 8         | 2500        | Cu     | 6       | 10   | 4     |       |       |       |       |       |       |       |        |  |  |  |
| Edinburgh (Leith)                            | 1015.0           | -1                 | WSW   | 5     | mo       | 67    | 75        | 8           | 2500    | St    | 6       | 1012.5 | -3               | SW                 | 5     | mo      | 64       | 85                                           | 8         | 1500        | St     | 7       | 10   | 9     |       |       |       |       |       |       |       |        |  |  |  |
| Worcester                                    | 1019.1           | -1                 | SW    | 4     | mo       | 62    | 92        | 5           | 800     | Nb    | 10      | 1016.9 | -3               | SW                 | 5     | mo      | 61       | 92                                           | 5         | 450         | Nb     | 10      | 10   | 0     |       |       |       |       |       |       |       |        |  |  |  |
| Blackburn                                    | 1018.5           | 0                  | WSW   | 3     | mo       | 65    | 85        | 7           | 4000    | St    | 10      | 1016.3 | -4               | SW                 | 3     | mo      | 67       | 75                                           | 7         | 4000        | Cu     | 8       | 10   | 1     |       |       |       |       |       |       |       |        |  |  |  |
| Blackhead Point                              | 1021.9           | 0                  | SW    | 6     | mo       | 62    | 92        | 7           | 1500    | Cu    | 8       | 1018.2 | -3               | SW                 | 6     | mo      | 60       | 92                                           | 7         | 1500        | St     | 8       | 10   | 5     |       |       |       |       |       |       |       |        |  |  |  |
| Donaghadee                                   | 1019.5           | -1                 | WSW   | 4     | mo       | 70    | 75        | 8           | 1500    | Cu    | 8       | 1017.9 | -2               | SW                 | 4     | mo      | 66       | 85                                           | 8         | 1500        | St     | 8       | 10   | 3     |       |       |       |       |       |       |       |        |  |  |  |
| Birr Castle                                  | 1025.3           | -1                 | SW    | 2     | mo       | 66    | 65        | 7           | 4000    | Nb    | 8       | 1022.8 | -3               | SSW                | 2     | mo      | 64       | 75                                           | 7         | 4000        | Nb     | 9       | 10   | 2     |       |       |       |       |       |       |       |        |  |  |  |
| Holyhead                                     | 1024.6           | -1                 | SW'S  | 4     | mo       | 62    | 85        | 8           | 2500    | St    | 10      | 1021.9 | -3               | SSW                | 4     | mo      | 59       | 92                                           | 8         | 2500        | St     | 5       | 10   | 4     |       |       |       |       |       |       |       |        |  |  |  |
| Liverpool (Bidston)                          | 1023.3           | -1                 | WSW   | 5     | mo       | 67    | 75        | 9           | 2500    | Cu    | 10      | 1021.3 | -3               | SW                 | 4     | mo      | 65       | 75                                           | 9         | 2500        | St     | 6       | 10   | 4     |       |       |       |       |       |       |       |        |  |  |  |
| Chester (Shotwick)                           | 1023.7           | -2                 | WNW   | 4     | mo       | 72    | 65        | 9           | 2500    | St    | 9       | 1021.8 | -3               | WSW                | 3     | mo      | 65       | 75                                           | 9         | 2500        | St     | 5       | 10   | 0     |       |       |       |       |       |       |       |        |  |  |  |
| Spurn Head                                   | 1011.6           | -1                 | W     | 6     | mo       | 66    | 75        | 7           | 4000    | Cu    | 6       | 1019.7 | -3               | W                  | 6     | mo      | 66       | 75                                           | 7         | 4000        | Cu     | 10      | 10   | 4     |       |       |       |       |       |       |       |        |  |  |  |
| Birmingham (Edgbaston)                       | 1024.5           | -2                 | W     | 4     | mo       | 72    | 75        | 8           | 5700    | Cu    | 8       | 1022.8 | -3               | WNW                | 3     | mo      | 69       | 75                                           | 8         | 5700        | Cu     | 1       | 10   | 0     |       |       |       |       |       |       |       |        |  |  |  |
| Nottingham                                   | 1023.1           | -2                 | W     | 4     | mo       | 71    | 65        | 8           | 1500    | St    | 8       | 1021.3 | -2               | W                  | 4     | mo      | 69       | 75                                           | 8         | 1500        | Nb     | 10      | 10   | 0     |       |       |       |       |       |       |       |        |  |  |  |
| Cranwall                                     | 1023.3           | -2                 | W     | 4     | mo       | 72    | 65        | 7           | 4000    | St    | 9       | 1021.6 | -3               | W                  | 3     | mo      | 69       | 75                                           | 8         | 4000        | Cu     | 3       | 10   | 0     |       |       |       |       |       |       |       |        |  |  |  |
| Derby                                        | 1022.9           | 0                  | W     | 4     | mo       | 72    | 65        | 7           | 4000    | Cu    | 5       | 1020.9 | -2               | W                  | 2     | mo      | 74       | 55                                           | 6         | 4000        | St     | 4       | 10   | 0     |       |       |       |       |       |       |       |        |  |  |  |
| Valencia (Oshirov)                           | 1027.5           | -1                 | SW    | 3     | mo       | 64    | 75        | 7           | 2500    | St    | 10      | 1024.7 | -3               | SW                 | 4     | mo      | 61       | 92                                           | 8         | 800         | St     | 10      | 10   | 3     |       |       |       |       |       |       |       |        |  |  |  |
| Rocha Point                                  | 1026.6           | -1                 | SSW   | 4     | mo       | 64    | 85        | 8           | 2500    | St    | 3       | 1024.8 | -2               | SW                 | 4     | mo      | 63       | 85                                           | 9         | 1500        | St     | 10      | 10   | 3     |       |       |       |       |       |       |       |        |  |  |  |
| Pembroke (St. Ann's H.)                      | 1027.4           | -1                 | WSW   | 3     | mo       | 60    | 92        | 8           | 4000    | St    | 2       | 1024.8 | -3               | WSW                | 4     | mo      | 60       | 85                                           | 8         | 4000        | St     | 8       | 10   | 4     |       |       |       |       |       |       |       |        |  |  |  |
| Bombay                                       | 1024.9           | -2                 | WNW   | 4     | mo       | 73    | 65        | 9           | 4000    | St    | 5       | 1023.2 | -3               | WNW                | 4     | mo      | 70       | 65                                           | 8         | 4000        | St     | 0       | 10   | 0     |       |       |       |       |       |       |       |        |  |  |  |
| Bombay                                       | 1025.6           | -3                 | WSW   | 2     | mo       | 74    | 65        | 8           | 4000    | St    | 7       | 1021.0 | -3               | WSW                | 3     | mo      | 75       | 65                                           | 8         | 4000        | St     | 0       | 10   | 0     |       |       |       |       |       |       |       |        |  |  |  |
| Andover                                      | 1026.3           | -2                 | W     | 4     | mo       | 71    | 65        | 8           | 2500    | St    | 8       | 1024.3 | -3               | W                  | 4     | mo      | 70       | 65                                           | 8         | 2500        | St     | 8       | 10   | 0     |       |       |       |       |       |       |       |        |  |  |  |
| S. Farnborough                               | 1026.0           | -2                 | W     | 3     | mo       | 75    | 55        | 8           | 2500    | St    | 9       | 1023.5 | -2               | W                  | 3     | mo      | 76       | 55                                           | 8         | 2500        | St     | 4       | 10   | 0     |       |       |       |       |       |       |       |        |  |  |  |
| London (Kew Obs.)                            | 1025.5           | -3                 | W     | 2     | mo       | 73    | 55        | 8           | 2500    | St    | 9       | 1023.0 | -3               | WSW                | 2     | mo      | 73       | 65                                           | 8         | 2500        | St     | 0       | 10   | 3     |       |       |       |       |       |       |       |        |  |  |  |
| Oxford                                       | 1025.3           | -2                 | W     | 3     | mo       | 73    | 55        | 8           | 4000    | St    | 9       | 1023.2 | -3               | WNW                | 3     | mo      | 74       | 55                                           | 8         | 4000        | St     | 4       | 10   | 0     |       |       |       |       |       |       |       |        |  |  |  |
| Orkney-on-Sea                                | 1025.4           | 0                  | SW    | 2     | mo       | 73    | 65        | 6           | 5700    | Cu    | 6       | 1022.2 | -2               | W                  | 4     | mo      | 75       | 55                                           | 7         | 2500        | Cu     | 5       | 10   | 0     |       |       |       |       |       |       |       |        |  |  |  |
| Shetland                                     | 1025.4           | 0                  | SW    | 2     | mo       | 73    | 65        | 6           | 5700    | Cu    | 6       | 1022.7 | -2               | WSW                | 2     | mo      | 74       | 65                                           | 7         | 4000        | Cu     | 2       | 10   | 0     |       |       |       |       |       |       |       |        |  |  |  |
| Lyons                                        | 1024.9           | -2                 | W     | 4     | mo       | 75    | 55        | 8           | 4000    | St    | 8       | 1022.6 | -3               | W                  | 4     | mo      | 74       | 55                                           | 8         | 4000        | St     | 7       | 10   | 0     |       |       |       |       |       |       |       |        |  |  |  |
| Lyons                                        | 1025.6           | -1                 | WSW   | 4     | mo       | 75    | 55        | 8           | 4000    | St    | 10      | 1022.6 | -2               | WSW                | 3     | mo      | 68       | 75                                           | 8         | 4000        | St     | 2       | 10   | 0     |       |       |       |       |       |       |       |        |  |  |  |
| Bally (St. Mary's)                           | 1029.8           | 0                  | WNW   | 1     | mo       | 63    | 85        | 8           | 4000    | St    | 10      | 1028.2 | -2               | WNW                | 2     | mo      | 61       | 97                                           | 7         | 4000        | St     | 10      | 10   | 2     |       |       |       |       |       |       |       |        |  |  |  |
| Plymouth (Pendennis)                         | 1025.4           | -1                 | WNW   | 1     | mo       | 66    | 75        | 8           | 4000    | St    | 8       | 1028.5 | -1               | WNW                | 1     | mo      | 63       | 75                                           | 8         | 4000        | St     | 10      | 10   | 0     |       |       |       |       |       |       |       |        |  |  |  |
| Plymouth (Cattewater)                        | 1028.3           | -2                 | W     | 3     | mo       | 67    | 75        | 9           | 2500    | St    | 3       | 1026.5 | -2               | WNW                | 3     | mo      | 67       | 75                                           | 8         | 2500        | St     | 0       | 10   | 0     |       |       |       |       |       |       |       |        |  |  |  |
| Portland Bill                                | 1027.4           | -4                 | SW    | 3     | mo       | 62    | 85        | 7           | 5700    | Cu    | 1       | 1025.4 | -3               | SW                 | 3     | mo      | 62       | 92                                           | 7         | 5700        | Cu     | 8       | 10   | 3     |       |       |       |       |       |       |       |        |  |  |  |
| Northampton (Calshot)                        | 1026.4           | -3                 | SW    | 5     | mo       | 69    | 75        | 8           | 4000    | Cu    | 4       | 1024.3 | -3               | SW                 | 4     | mo      | 67       | 85                                           | 8         | 4000        | Cu     | 5       | 10   | 1     |       |       |       |       |       |       |       |        |  |  |  |
| Dungeness                                    | 1026.2           | -1                 | SW    | 4     | mo       | 67    | 75        | 7           | 4000    | Cu    | 6       | 1024.4 | -2               | WSW                | 4     | mo      | 68       | 97                                           | 7         | 4000        | St     | 0       | 10   | 4     |       |       |       |       |       |       |       |        |  |  |  |
| Jersey                                       | 1029.1           | 0                  | WNW   | 3     | mo       | 63    | 75        | 7           | 1500    | St    | 10      | 1027.8 | 0                | WNW                | 3     | mo      | 62       | 85                                           | 7         | 1500        | St     | 10      | 10   | 0     |       |       |       |       |       |       |       |        |  |  |  |
| Guernsey                                     | 1029.1           | 0                  | WNW   | 3     | mo       | 63    | 75        | 7           | 1500    | St    | 10      | 1027.8 | 0                | WNW                | 3     | mo      | 61       | 92                                           | 7         | 2500        | St     | 10      | 10   | 0     |       |       |       |       |       |       |       |        |  |  |  |

| LONDON OBSERVATIONS.                        |  |  |  |  |  |  |  |  |  | WEATHER. |  |  |  |  |  |  |  |  |  | TEMPERATURE. |  |  |  |  |  |  |  |  |  | RAINFALL. |  |  |  |  |  |  |  |  |  | SUNSHINE. |  |  |  |  |  |  |  |  |  | HUMIDITY. |  |  |  |  |  |  |  |  |  | ATMOSPHERIC POLLUTION. |  |  |  |  |  |  |  |  |  | POLE STAR RECORD at Greenwich Observatory. |  |  |  |  |  |  |  |  |  | CODE FOR STATE OF SKY. |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |           |  |  |  |  |  |  |  |  |  |        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| 24 HOURS ENDED 0900 G.M.T. 22 <sup>nd</sup> |  |  |  |  |  |  |  |  |  | Morning. |  |  |  |  |  |  |  |  |  | Afternoon.   |  |  |  |  |  |  |  |  |  | Night.    |  |  |  |  |  |  |  |  |  | Max.      |  |  |  |  |  |  |  |  |  | Min.      |  |  |  |  |  |  |  |  |  | Min. on Grass.         |  |  |  |  |  |  |  |  |  | In.                                        |  |  |  |  |  |  |  |  |  | At M.S.L.              |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | 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|  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  | At M.S.L. |  |  |  |  |  |  |  |  |  |

| LONDON OBSERVATIONS.                        |                     | WEATHER. |            | TEMPERATURE. |          | RAIN-FALL. |                | SUN-SHINE. |        | HUMIDITY. |        | ATMOSPHERIC POLLUTION. |        | POLE STAR RECORD at Greenwich Obs. |           | CODE FOR STATE OF SKY. |     |
|---------------------------------------------|---------------------|----------|------------|--------------|----------|------------|----------------|------------|--------|-----------|--------|------------------------|--------|------------------------------------|-----------|------------------------|-----|
|                                             |                     | Morning. | Afternoon. | Night.       | Max. of. | Min. of.   | Min. on Grass. | Day.       | Night. | Day.      | Night. | Day.                   | Night. | State.                             | Exposure. | Record.                |     |
| 24 HOURS ENDED 0900 G.M.T. 23 <sup>rd</sup> |                     |          |            |              |          |            |                |            |        |           |        |                        |        |                                    |           |                        |     |
| Kew                                         | 24 hours ended 0700 | o        | o          | o            | 80       | 55         | 47             | 0          | 0      | 51        | 80     | 0                      | 0      | 22                                 | 21.5      | 21.5                   | 1-2 |
| Greenwich (Royal Obs.)                      |                     | o        | o          | o            | 80       | 55         | 47             | 0          | 0      | 51        | 80     | 0                      | 0      | 22                                 | 21.5      | 21.5                   | 1-2 |
| City (Bunhill Row)                          |                     | o        | o          | o            | 80       | 55         | 47             | 0          | 0      | 51        | 80     | 0                      | 0      | 22                                 | 21.5      | 21.5                   | 1-2 |
| Westminster (St. James' Pk.)                |                     | o        | o          | o            | 80       | 55         | 47             | 0          | 0      | 51        | 80     | 0                      | 0      | 22                                 | 21.5      | 21.5                   | 1-2 |
| Regent's Pk. (Botanic Gds.)                 |                     | o        | o          | o            | 80       | 55         | 47             | 0          | 0      | 51        | 80     | 0                      | 0      | 22                                 | 21.5      | 21.5                   | 1-2 |
| Golden Square                               |                     | o        | o          | o            | 80       | 55         | 47             | 0          | 0      | 51        | 80     | 0                      | 0      | 22                                 | 21.5      | 21.5                   | 1-2 |
| Hampton Palace                              |                     | o        | o          | o            | 80       | 55         | 47             | 0          | 0      | 51        | 80     | 0                      | 0      | 22                                 | 21.5      | 21.5                   | 1-2 |
| Hampton Observatory                         |                     | o        | o          | o            | 80       | 55         | 47             | 0          | 0      | 51        | 80     | 0                      | 0      | 22                                 | 21.5      | 21.5                   | 1-2 |

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

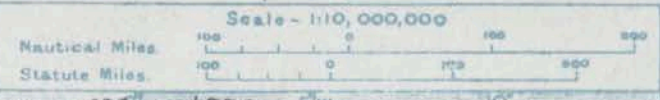


| STATIONS.                   | WEATHER.         |                  |                  |                  | TEMPERATURE. |             |                | RAINFALL. |        |                      |                      | SW. 22 <sup>nd</sup> Hours. |
|-----------------------------|------------------|------------------|------------------|------------------|--------------|-------------|----------------|-----------|--------|----------------------|----------------------|-----------------------------|
|                             | 7h-13h           | 13h-18h          | 18h-22h          | 1h-7h            | MAX. Day.    | MIN. Night. | MIN. on GRASS. | Day.      | Night. | Precipitation began. | Precipitation ended. |                             |
|                             | 22 <sup>nd</sup> | 22 <sup>nd</sup> | 22 <sup>nd</sup> | 23 <sup>rd</sup> | 7h-13h       | 13h-18h     | 18h-7h         | mm.       | mm.    | mm.                  | mm.                  |                             |
| Lerwick ...                 | of               | of d             | b                | bc               | 56           | 50          | .              | 1         | Trace  | 4.30                 | 21.00                | 0.0                         |
| Stornoway ...               | of d             | of d             | b                | b                | 59           | 51          | .              | 2         | 4      | -                    | -                    | 0.0                         |
| Wick ...                    | of               | of d             | of               | of d             | 66           | 53          | .              | Trace     | 0.3    | 15.30                | 21.00                | .                           |
| Castlebay ...               | of d             | of d             | of               | of d             | 57           | 52          | .              | 0.4       | 3      | 4.00                 | -                    | 0.0                         |
| Nairn ...                   | of d             | of d             | of               | of d             | 72           | 56          | .              | 1         | 0.1    | 15.30                | 21.00                | 3.4                         |
| Aberdeen ...                | of d             | of d             | of               | of d             | 71           | 58          | 55             | -         | 1      | -                    | 21.00                | 0.2                         |
| Malin Head ...              | of d             | of d             | of d             | of d             | 61           | 55          | .              | 2         | 15     | 4.00                 | 21.00                | 0.4                         |
| Bentfrew ...                | of d             | of d             | of d             | of d             | 63           | 56          | 53             | 0.6       | 13     | 4.00                 | 21.00                | 0.0                         |
| Edinburgh (Inchkeith) ...   | of d             | of d             | of d             | of d             | 62           | 57          | 56             | 1         | 3      | 4.00                 | 21.00                | 0.0                         |
| Leuchars ...                | of d             | of d             | of d             | of d             | 69           | 58          | 52             | -         | 2      | -                    | 24.00                | 0.2                         |
| Blackburn ...               | of d             | of d             | of d             | of d             | 62           | 55          | 55             | 6         | 15     | 4.00                 | -                    | 0.0                         |
| Tynemouth ...               | of d             | of d             | of d             | of d             | 68           | 60          | 57             | -         | 1      | -                    | -                    | .                           |
| Blackhead Point ...         | of d             | of d             | of d             | of d             | 63           | 54          | .              | 0.1       | 4      | -                    | -                    | .                           |
| Donaghadee ...              | of d             | of d             | of d             | of d             | 70           | 61          | .              | -         | 2      | -                    | 21.00                | .                           |
| Birr Castle ...             | of d             | of d             | of d             | of d             | 67           | 58          | 58             | Trace     | 11     | 4.00                 | 03.30                | 0.5                         |
| Holyhead ...                | of d             | of d             | of d             | of d             | 65           | 57          | 55             | -         | 1      | -                    | 06.30                | 0.5                         |
| Liverpool (Bidston) ...     | of d             | of d             | of d             | of d             | 69           | 59          | 55             | -         | 2      | -                    | 05.30                | 0.7                         |
| Chester (Shotwick) ...      | of d             | of d             | of d             | of d             | 73           | 59          | 53             | -         | -      | -                    | -                    | 0.2                         |
| Spurn Head ...              | of d             | of d             | of d             | of d             | 67           | 59          | .              | -         | -      | -                    | -                    | 3.4                         |
| Birmingham (Edgbaston) ...  | of d             | of d             | of d             | of d             | 73           | 56          | 54             | -         | -      | -                    | -                    | 4.9                         |
| Nottingham ...              | of d             | of d             | of d             | of d             | 73           | 60          | 57             | -         | -      | -                    | -                    | 2.7                         |
| Cranwell ...                | of d             | of d             | of d             | of d             | 74           | 59          | 56             | -         | -      | -                    | -                    | 3.1                         |
| Gorleston ...               | of d             | of d             | of d             | of d             | 75           | 57          | 54             | -         | -      | -                    | -                    | 5.5                         |
| Valencia (Cahiroveon) ...   | of d             | of d             | of d             | of d             | 66           | 60          | ?              | ?         | 12     | 16.30                | 04.30                | 0.5                         |
| Roches Point ...            | of d             | of d             | of d             | of d             | 66           | 58          | .              | -         | 2      | -                    | 05.30                | .                           |
| Pembroke (St. Ann's H.) ... | of d             | of d             | of d             | of d             | 61           | 57          | .              | -         | 0.3    | -                    | 03.30                | 6.3                         |
| Boss-on-Wye ...             | of d             | of d             | of d             | of d             | 76           | 58          | 55             | -         | -      | -                    | -                    | 7.1                         |
| Benson ...                  | of d             | of d             | of d             | of d             | 78           | 52          | ?              | -         | -      | -                    | -                    | .                           |
| Andover ...                 | of d             | of d             | of d             | of d             | 74           | 55          | 49             | -         | -      | -                    | -                    | 8.3                         |
| S. Farnborough ...          | of d             | of d             | of d             | of d             | 79           | 52          | 50             | -         | Trace  | -                    | -                    | 8.0                         |
| London (Kew Obs.) ...       | of d             | of d             | of d             | of d             | 76           | 57          | 51             | -         | -      | -                    | -                    | 7.9                         |
| Croydon ...                 | of d             | of d             | of d             | of d             | 76           | 54          | 50             | -         | -      | -                    | -                    | .                           |
| Glaston-on-Sea ...          | of d             | of d             | of d             | of d             | 78           | 57          | 53             | -         | -      | -                    | -                    | 9.8                         |
| Shoeburyness ...            | of d             | of d             | of d             | of d             | 78           | 56          | 54             | -         | -      | -                    | -                    | 10.3                        |
| Grain ...                   | of d             | of d             | of d             | of d             | 78           | 56          | 48             | -         | -      | -                    | -                    | 10.4                        |
| Lymington ...               | of d             | of d             | of d             | of d             | 74           | 53          | 51             | -         | Trace  | -                    | -                    | 11.5                        |
| Seilly (St. Mary's) ...     | of d             | of d             | of d             | of d             | 66           | 57          | .              | -         | -      | -                    | -                    | 1.8                         |
| Plymouth (Pendennis) ...    | of d             | of d             | of d             | of d             | 72           | 57          | .              | -         | -      | -                    | -                    | 5.2                         |
| Plymouth (Cattewater) ...   | of d             | of d             | of d             | of d             | 70           | 58          | ?              | -         | -      | -                    | -                    | 9.3                         |
| Portland Bill ...           | of d             | of d             | of d             | of d             | 65           | 57          | .              | -         | -      | -                    | -                    | .                           |
| Southampton (Calshot) ...   | of d             | of d             | of d             | of d             | 71           | 53          | 51             | -         | -      | -                    | -                    | 11.0                        |
| Dungeness ...               | of d             | of d             | of d             | of d             | 71           | 53          | .              | -         | -      | -                    | -                    | .                           |
| Jersey ...                  | of d             | of d             | of d             | of d             | 65           | 56          | .              | -         | Trace  | -                    | 06.30                | 1.0                         |
| Guernsey ...                | of d             | of d             | of d             | of d             | 61           | 56          | .              | -         | -      | -                    | -                    | .                           |





# SYNOPTIC CHART FOR 7h. MONDAY, 23<sup>RD</sup> JULY, 1923



Partial view of the previous page showing a map of the British Isles and a table of meteorological data.

| Temp. | Wind | Cloud |
|-------|------|-------|
| 65    | 58   | 8     |
| 58    | 59   | 7     |

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today.

fair in  
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outlook  
or the

**EXPLANATION**

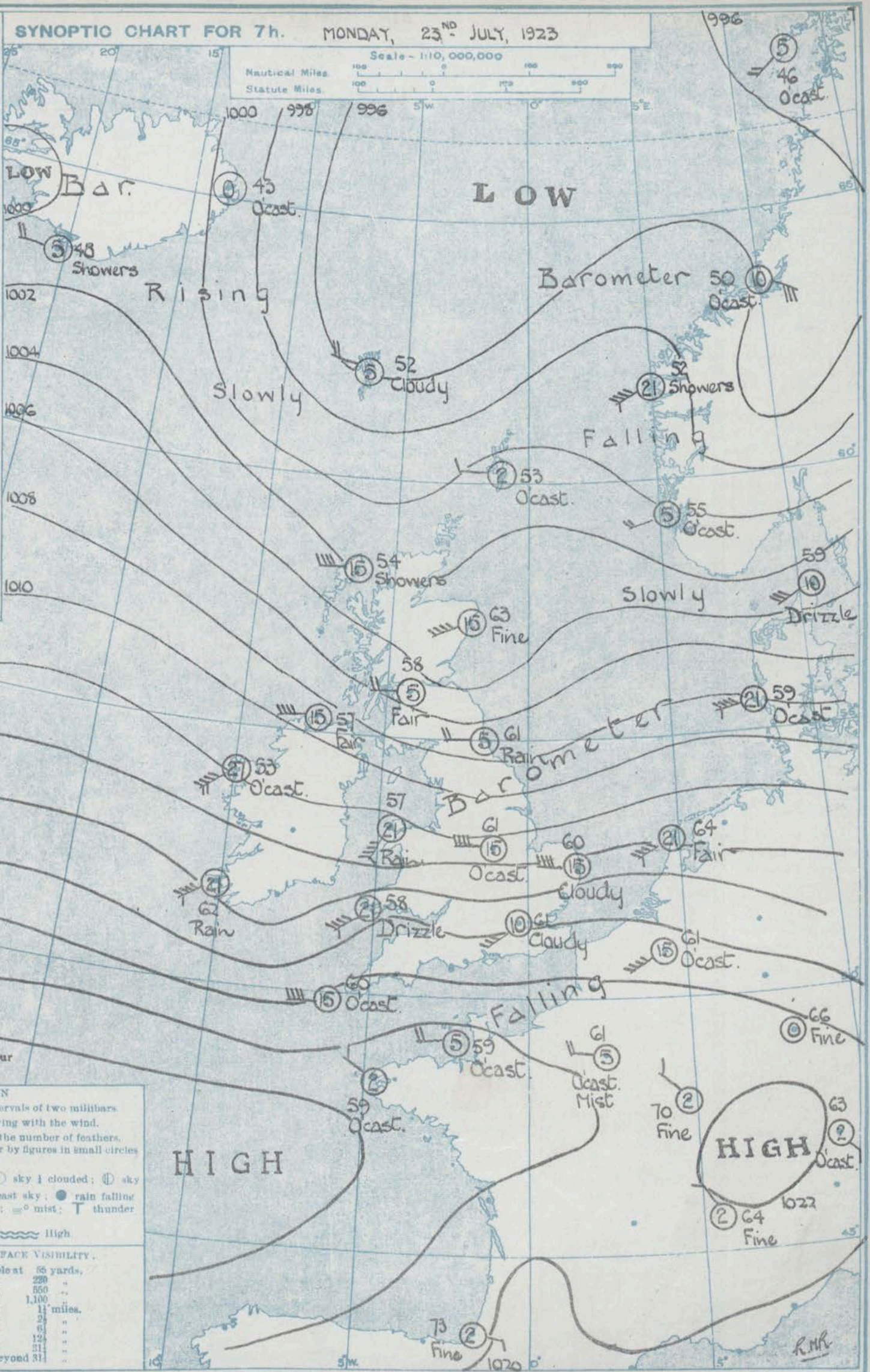
Isobars are drawn for intervals of two millibars.  
Direction is shown by arrows flying with the wind.  
Force on the scale 0-12, is indicated by the number of feathers.  
Velocity is shown in miles per hour by figures in small circles.  
Temperature is given in °F.

**SYMBOLS:** ○ clear sky; ◐ sky 1 clouded; ◑ sky 2 clouded; ◒ sky 3 clouded; ◓ sky 4 clouded; ◔ overcast sky; ● rain falling; ★ sleet; ▲ hail; = fog; ° mist; T thunder.

**WINDS:** ~~~~~ Rough. ~~~~~ High.

**TELEGRAPHIC CODE FOR SURFACE VISIBILITY.**

| Code | Meaning                                     |
|------|---------------------------------------------|
| 0    | Dense fog. Objects not visible at 55 yards. |
| 1    | Rather thick fog " " 220 "                  |
| 2    | Very bad " " 550 "                          |
| 3    | Bad " " 1,100 "                             |
| 4    | Very poor " " 1 1/2 miles.                  |
| 5    | Poor " " 2 1/2 "                            |
| 6    | Moderate " " 4 "                            |
| 7    | Good " " 6 "                                |
| 8    | Very good " " 12 "                          |
| 9    | Excellent " " 20 "                          |
|      | beyond 31 "                                 |





# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION... Monday, 23<sup>rd</sup> July 1923.

No. 204

| STATIONS.                   | Height above M.S.L. in feet. | Observations at 0100 G.M.T. 23 <sup>rd</sup> |                    |        |        |          |           |             |                    |         |       |      | Observations at 0700 G.M.T. 23 <sup>rd</sup> |                  |                    |        |        |          |           |             |                    |         |       |      |                  |    |    |   |
|-----------------------------|------------------------------|----------------------------------------------|--------------------|--------|--------|----------|-----------|-------------|--------------------|---------|-------|------|----------------------------------------------|------------------|--------------------|--------|--------|----------|-----------|-------------|--------------------|---------|-------|------|------------------|----|----|---|
|                             |                              | Barom. at M.S.L.                             | Change in 3 Hours. | Wind.  |        | Weather. | Temp. °F. | Humidity. % | Visibility. Miles. | Cloud.  |       |      |                                              | Barom. at M.S.L. | Change in 3 Hours. | Wind.  |        | Weather. | Temp. °F. | Humidity. % | Visibility. Miles. | Cloud.  |       |      |                  |    |    |   |
|                             |                              |                                              |                    | Direc. | Force. |          |           |             |                    | Height. | Form. | Amt. | Total Form. Amt.                             |                  |                    | Direc. | Force. |          |           |             |                    | Height. | Form. | Amt. | Total Form. Amt. |    |    |   |
|                             |                              |                                              |                    |        |        |          |           |             |                    |         |       |      |                                              |                  |                    |        |        |          |           |             |                    |         |       |      |                  |    |    |   |
| Larwick ...                 | 54                           | 1002.9                                       | -1                 | WSW    | 1      | 6        | 51        | 92          | 6                  | -       | -     | 0    | AS                                           | 3                | 1000.8             | -2     | W      | 1        | 0         | 53          | 85                 | 6       | 4000  | St   | 6                | AS | 9  | 0 |
| Stornoway ...               | 51                           | 1003.3                                       | -3                 | W      | 5      | 78       | 92        | 8           | 5                  | -       | -     | 0    | AS                                           | 10               | 1002.0             | -2     | W      | 4        | 0         | 54          | 85                 | 7       | 4000  | Nb   | 7                | Ci | 7  | 0 |
| Wick ...                    | 81                           | 1002.6                                       | -4                 | SSW    | 2      | 0        | 54        | 92          | 8                  | 2500    | Cu    | 4    | AS                                           | 10               | 1001.0             | 0      | WNW    | 2        | 0         | 56          | 85                 | 8       | 2500  | Cu   | 5                | -  | 10 | 0 |
| Castlebay ...               | 37                           | .                                            | .                  | .      | .      | .        | .         | .           | .                  | .       | .     | .    | .                                            | .                | 1005.3             | 0      | WNW    | 4        | 0         | 52          | 97                 | 7       | 1500  | Nb   | 10               | -  | 9  | 0 |
| Nairn ...                   | 82                           | .                                            | .                  | .      | .      | .        | .         | .           | .                  | .       | .     | .    | .                                            | .                | 1003.2             | 0      | -      | 0        | 57        | 75          | 8                  | 1500    | St    | 9    | -                | 2  | 0  |   |
| Aberdeen ...                | 46                           | .                                            | .                  | .      | .      | .        | .         | .           | .                  | .       | .     | .    | .                                            | .                | 1003.2             | 0      | WSW    | 4        | 0         | 57          | 65                 | 8       | 2500  | Cu   | 2                | -  | 2  | 0 |
| Malin Head ...              | 71                           | 1009.8                                       | -2                 | WSW    | 6      | 0        | 59        | 94          | 4                  | 4000    | Nb    | 10   | -                                            | 10               | 1009.1             | -1     | W      | 4        | 0         | 57          | 92                 | 8       | 5700  | Nb   | 2                | AS | 5  | 0 |
| Renfrew ...                 | 49                           | .                                            | .                  | .      | .      | .        | .         | .           | .                  | .       | .     | .    | .                                            | .                | 1006.6             | -3     | W      | 2        | 0         | 58          | 85                 | 8       | 1500  | Cu   | 3                | Ci | 4  | 0 |
| Edinburgh (Inchkeith) ...   | 180                          | 1007.9                                       | -4                 | SW     | 5      | 0        | 59        | 94          | 8                  | .       | St    | 10   | -                                            | 10               | 1008.9             | -2     | WSW    | 6        | 0         | 57          | 85                 | 7       | -     | St   | 2                | Ci | 2  | 0 |
| Leuchars ...                | 36                           | .                                            | .                  | .      | .      | .        | .         | .           | .                  | .       | .     | .    | .                                            | .                | 1004.7             | -3     | W      | 4        | 0         | 60          | 75                 | 8       | -     | -    | 0                | AS | 10 | 0 |
| Bakdalemuir ...             | 794                          | .                                            | .                  | .      | .      | .        | .         | .           | .                  | .       | .     | .    | .                                            | .                | 1007.1             | -3     | SWW    | 4        | 0         | 58          | 92                 | 6       | 450   | Nb   | 10               | -  | 10 | 0 |
| Tynemouth ...               | 118                          | 1011.4                                       | -4                 | WSW    | 4      | 0        | 60        | 95          | 4                  | 4000    | Cu    | 4    | AS                                           | 4                | 1007.9             | -2     | W      | 2        | 0         | 61          | 92                 | 6       | 800   | Nb   | 10               | -  | 10 | 0 |
| Blackod Point ...           | 10                           | 1012.9                                       | -0                 | SW     | 6      | 0        | 59        | 92          | 0                  | .       | .     | .    | .                                            | 10               | 1011.5             | -1     | SW     | 6        | 0         | 53          | 92                 | 7       | .     | St   | 9                | -  | 10 | 3 |
| Donaghadee ...              | 35                           | .                                            | .                  | .      | .      | .        | .         | .           | .                  | .       | .     | .    | .                                            | .                | 1010.3             | -2     | SW     | 3        | 0         | 61          | 97                 | 8       | 800   | St   | 9                | -  | 10 | 0 |
| Birr Castle ...             | 175                          | .                                            | .                  | .      | .      | .        | .         | .           | .                  | .       | .     | .    | .                                            | .                | 1013.0             | .      | S      | 1        | 0         | 61          | 97                 | 4       | 1500  | Nb   | 10               | -  | 10 | 4 |
| Holyhead ...                | 26                           | 1016.4                                       | -4                 | S'W    | 5      | 0        | 59        | 92          | 8                  | 2000    | St    | 10   | -                                            | 10               | 1012.6             | -3     | SW'S   | 5        | 0         | 57          | 97                 | 6       | 800   | Nb   | 10               | -  | 10 | 6 |
| Liverpool (Bidston) ...     | 189                          | .                                            | .                  | .      | .      | .        | .         | .           | .                  | .       | .     | .    | .                                            | .                | 1011.6             | -4     | SW     | 5        | 0         | 59          | 92                 | 6       | 1500  | Cu   | 10               | AS | 10 | 0 |
| Chester (Shotwick) ...      | 16                           | .                                            | .                  | .      | .      | .        | .         | .           | .                  | .       | .     | .    | .                                            | .                | 1012.4             | -4     | SW     | 6        | 0         | 63          | 85                 | 8       | 1500  | St   | 8                | AS | 10 | 0 |
| Spurn Head ...              | 26                           | 1016.3                                       | -2                 | SW     | 4      | 0        | 60        | 85          | 4                  | -       | -     | 0    | AS                                           | 3                | 1012.0             | -1     | WSW    | 3        | 0         | 62          | 85                 | 7       | 4000  | St   | 6                | AS | 10 | 0 |
| Birmingham (Edgbaston) ...  | 525                          | .                                            | .                  | .      | .      | .        | .         | .           | .                  | .       | .     | .    | .                                            | .                | 1014.6             | -5     | WSW    | 5        | 0         | 59          | 97                 | 8       | 2500  | Cu   | 10               | -  | 10 | 0 |
| Nottingham ...              | 82                           | .                                            | .                  | .      | .      | .        | .         | .           | .                  | .       | .     | .    | .                                            | .                | 1013.3             | -4     | W      | 4        | 0         | 61          | 85                 | 7       | 2500  | Nb   | 10               | -  | 9  | 1 |
| Cranwell ...                | 237                          | 1018.4                                       | -3                 | SWW    | 4      | 0        | 60        | 85          | 8                  | 2000    | St    | 10   | -                                            | 10               | 1014.5             | -4     | SWW    | 4        | 0         | 61          | 85                 | 8       | 2500  | St   | 3                | Ci | 7  | 1 |
| Gorleston ...               | 13                           | 1019.1                                       | -1                 | W'S    | 1      | 0        | 62        | 85          | 8                  | -       | -     | 0    | -                                            | 0                | 1016.0             | -3     | W      | 4        | 0         | 60          | 85                 | 7       | 4000  | Cu   | 7                | -  | 10 | 3 |
| Valencia (Cahirciveen) ...  | 30                           | 1018.9                                       | -3                 | NW     | 5      | 0        | 60        | 94          | 8                  | .       | St    | 10   | -                                            | 10               | 1016.0             | -2     | SWW    | 5        | 0         | 62          | 97                 | 6       | 450   | St   | 10               | -  | 10 | 3 |
| Roche Point ...             | 32                           | .                                            | .                  | .      | .      | .        | .         | .           | .                  | .       | .     | .    | .                                            | .                | 1015.8             | -5     | SW     | 3        | 0         | 60          | 97                 | 7       | 1500  | Nb   | 10               | -  | 10 | 4 |
| Pembroke (St. Ann's H.) ... | 149                          | 1021.5                                       | -2                 | WSW    | 4      | 0        | 58        | 92          | 8                  | 2500    | St    | 10   | -                                            | 10               | 1018.2             | -3     | SW     | 5        | 0         | 58          | 97                 | 7       | 2500  | St   | 10               | AS | 9  | 0 |
| Ross-on-Wye ...             | 223                          | .                                            | .                  | .      | .      | .        | .         | .           | .                  | .       | .     | .    | .                                            | .                | 1016.5             | -4     | SW     | 4        | 0         | 61          | 85                 | 7       | 2500  | St   | 7                | -  | 10 | 0 |
| Benson ...                  | 186                          | .                                            | .                  | .      | .      | .        | .         | .           | .                  | .       | .     | .    | .                                            | .                | 1017.4             | -3     | WSW    | 4        | 0         | 61          | 85                 | 8       | 1500  | St   | 10               | -  | 10 | 0 |
| Andover ...                 | 295                          | .                                            | .                  | .      | .      | .        | .         | .           | .                  | .       | .     | .    | .                                            | .                | 1018.9             | -3     | WSW    | 4        | 0         | 59          | 85                 | 8       | 1500  | St   | 10               | -  | 10 | 0 |
| S. Farnborough ...          | 230                          | .                                            | .                  | .      | .      | .        | .         | .           | .                  | .       | .     | .    | .                                            | .                | 1018.3             | -4     | SWW    | 5        | 0         | 60          | 85                 | 8       | 1500  | St   | 10               | -  | 10 | 0 |
| London (Kew Obs.) ...       | 18                           | .                                            | .                  | .      | .      | .        | .         | .           | .                  | .       | .     | .    | .                                            | .                | 1017.9             | -3     | SW     | 3        | 0         | 61          | 75                 | 8       | 2500  | St   | 6                | Ci | 8  | 0 |
| Orocydon ...                | 244                          | 1021.3                                       | -2                 | W'S    | 3      | 0        | 59        | 92          | 8                  | -       | -     | 0    | -                                            | 0                | 1018.2             | -3     | WSW    | 4        | 0         | 58          | 85                 | 8       | 450   | St   | 8                | AS | 9  | 0 |
| Clacton-on-Sea ...          | 54                           | .                                            | .                  | .      | .      | .        | .         | .           | .                  | .       | .     | .    | .                                            | .                | 1017.4             | -3     | WSW    | 4        | 0         | 59          | 85                 | 6       | 1500  | Cu   | 5                | AS | 7  | 2 |
| Shoeburyness ...            | 11                           | .                                            | .                  | .      | .      | .        | .         | .           | .                  | .       | .     | .    | .                                            | .                | 1017.5             | -2     | W      | 5        | 0         | 61          | 75                 | 7       | -     | 0    | AS               | 8  | 0  |   |
| Grain ...                   | 20                           | .                                            | .                  | .      | .      | .        | .         | .           | .                  | .       | .     | .    | .                                            | .                | 1017.8             | -2     | SW     | 5        | 0         | 60          | 75                 | 8       | 1500  | St   | 3                | AS | 7  | 0 |
| Lympne ...                  | 350                          | 1021.4                                       | -2                 | W      | 3      | 0        | 56        | 92          | 6                  | -       | -     | 0    | -                                            | 0                | 1018.6             | -3     | WSW    | 4        | 0         | 58          | 92                 | 7       | 1500  | St   | 2                | Ci | 10 | 4 |
| Scilly (St. Mary's) ...     | 131                          | 1020.8                                       | -2                 | W      | 3      | 0        | 58        | 92          | 4                  | 4000    | St    | 10   | -                                            | 10               | 1021.2             | -4     | W      | 4        | 0         | 60          | 85                 | 7       | 4000  | St   | 10               | -  | 10 | 0 |
| Falmouth (Pendennis) ...    | 200                          | 1020.4                                       | -2                 | WNW    | 3      | 0        | 59        | 95          | 4                  | 4000    | St    | 10   | -                                            | 10               | 1021.1             | -3     | W      | 4        | 0         | 59          | 85                 | 8       | 4000  | St   | 10               | -  | 10 | 0 |
| Plymouth (Cattewater) ...   | 82                           | .                                            | .                  | .      | .      | .        | .         | .           | .                  | .       | .     | .    | .                                            | .                | 1021.2             | -3     | W      | 3        | 0         | 58          | 85                 | 8       | 1500  | St   | 10               | -  | 10 | 0 |
| Portland Bill ...           | 19                           | 1021.4                                       | -2                 | W      | 2      | 0        | 60        | 85          | 4                  | -       | -     | 0    | -                                            | 0                | 1020.3             | -5     | W      | 3        | 0         | 59          | 85                 | 7       | 7200  | St   | 4                | AS | 8  | 0 |
| Southampton (Os. shot) ...  | 12                           | 1020.6                                       | -1                 | WNW    | 2      | 0        | 56        | 94          | 8                  | -       | -     | 0    | -                                            | 0                | 1020.0             | -3     | WSW    | 3        | 0         | 59          | 85                 | 8       | 2500  | St   | 1                | -  | 6  | 0 |
| Dungeness ...               | 21                           | 1021.4                                       | -2                 | W      | 4      | 0        | 61        | 94          | 8                  | -       | -     | 0    | AS                                           | 1                | 1019.3             | -2     | SW     | 4        | 0         | 61          | 97                 | 7       | 450   | St   | 6                | -  | 10 | 0 |
| Jersey ...                  | 25                           | .                                            | .                  | .      | .      | .        | .         | .           | .                  | .       | .     | .    | .                                            | .                | 1022.8             | -1     | W      | 2        | 0         | 59          | 92                 | 5       | 1500  | Nb   | 10               | -  | 10 | 0 |
| Guernsey ...                | -                            | 1025.0                                       | -2                 | W      | 3      | 0        | 52        | 94          | 2                  | 450     | St    | 10   | -                                            | 10               | 1023.0             | -2     | W      | 2        | 0         | 58          | 97                 | 7       | 1500  | St   | 10               | -  | 10 | 0 |

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 22<sup>nd</sup> July

| STATIONS.          | WEATHER.  |            | TEMPERATURE.       |               | RAINFALL†             |                 | SUNSHINE.           |                    | STATIONS.             | WEATHER.  |            | TEMPERATURE.       |               | RAINFALL†             |                 | Sunrise to 11h. 22. | Sunset to 21h. 21. |
|--------------------|-----------|------------|--------------------|---------------|-----------------------|-----------------|---------------------|--------------------|-----------------------|-----------|------------|--------------------|---------------|-----------------------|-----------------|---------------------|--------------------|
|                    | Forenoon. | Afternoon. | Min. Night. 21-22. | Max. Day. 22. | Night 17h-21h. 21-22. | Day 9h-17h. 22. | Sunrise to 17h. 22. | Sunset to 21h. 21. |                       | Forenoon. | Afternoon. | Min. Night. 21-22. | Max. Day. 22. | Night 17h-21h. 21-22. | Day 9h-17h. 22. |                     |                    |
|                    |           |            |                    |               |                       |                 |                     |                    |                       |           |            |                    |               |                       |                 |                     |                    |
| Montrose ...       | o         | o          | 57                 | 69            | mm.                   | mm.             | hr.                 | hr.                | Ilfracombe ...        | o.c.o     | o.c.o.     | 59                 | 64            | -                     | -               | 2.5                 | 5.0                |
| Berwick-on-Tweed   | op        | etqv       | 61                 | 68            | 0.1                   | 0.1             | 0.1                 | 7.5                | Bude ...              | md.o      | od         | 60                 | 67            | -                     | -               | 1.2                 | 7.0                |
| Llandudno ...      | c.o       | o          | 61                 | 67            | -                     | -               | 0.8                 | 8.1                | Pennance ...          | c         | c.o        | 58                 | 69            | -                     | -               | 9.0                 | 10.8               |
| Colwyn Bay         | c         | c          | 62                 | 69            | -                     | -               | 0.5                 | 7.9                | Paignton ...          | o.c. bc   | b          | 57                 | 79            | -                     | -               | 9.0                 | 10.5               |
| Rhyl...            | c         | c          | 62                 | 70            | -                     | -               | 0.1                 | 7.9                | Tarquay ...           | c.o. bc   | b          | 59                 | 79            | -                     | -               | 6.9                 | 10.5               |
| Southport ...      | o.c.o.    | od.o       | 60                 | 65            | -                     | -               | 0.0                 | 9.0                | Weymouth ...          | c.bc.     | b          | 57                 | 73            | -                     | -               | -                   | -                  |
| Blackpool ...      | o         | o          | 60                 | 65            | -                     | -               | 0.0                 | 6.7                | Bournemouth ...       | -         | -          | 57                 | 76            | -                     | -               | 10.0                | 11.0               |
| Ilkley ...         | amp       | o          | 60                 | 64            | -                     | -               | 0.0                 | 12.3               | Portsmouth (S. Isles) | b         | b          | 59                 | 76            | -                     | -               | 10.1                | 11.1               |
| Harrogate ...      | o         | o          | 59                 | 63            | -                     | -               | 0.0                 | 10.9               | Worthing ...          | b         | b          | 56                 | 72            | -                     | -               | 12.3                | 10.1               |
| Skewness ...       | o         | c          | 60                 | 74            | -                     | -               | 3.5                 | 13.2               | Brighton ...          | b         | b          | 62                 | 70            | -                     | -               | 11.4                | 12.2               |
| Aberystwyth ...    | o.        | c.         | 59                 | 65            | -                     | -               | 1.0                 | 2.5                | Kantbourne ...        | b.        | b          | 61                 | 72            | -                     | -               | 12.2                | 11.3               |
| Bath ...           | m.o.c     | bc.b       | 60                 | 72            | -                     | -               | 4.8                 | 7.8                | Hastings ...          | b.bc.c    | c.b.bc.c   | 59                 | 74            | -                     | -               | 9.9                 | 10.8               |
| Leamington Spa ... | -         | -          | 56                 | 75            | -                     | -               | 4.5                 | 8.3                | Felkestone ...        | bc        | bc         | 61                 | 74            | -                     | -               | 9.6                 | 12.5               |
| Lowestoft ...      | c.o       | o          | 58                 | 76            | -                     | -               | 5.7                 | 13.7               | Tunbridge Wells       | bc.b      | b          | 57                 | 79            | -                     | -               | 9.3                 | 14.2               |
| Felixstowe ...     | bc        | bc         | 59                 | 78            | -                     | -               | 9.8                 | 13.7               | Ramsgate ...          | b.bc.b    | b.bc       | 60                 | 78            | -                     | -               | 10.6                | 10.6               |
| Southend ...       | bc        | bc         | 59                 | 78            | -                     | -               | 8.3                 | 12.2               | Margate ...           | b         | bc.b       | 65                 | 74            | -                     | -               | 9.0                 | -                  |
|                    |           |            |                    |               |                       |                 |                     |                    | Deal ...              | c.bc.b    | bc.b       | 60                 | 78            | -                     | -               | -                   | -                  |



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.22,524

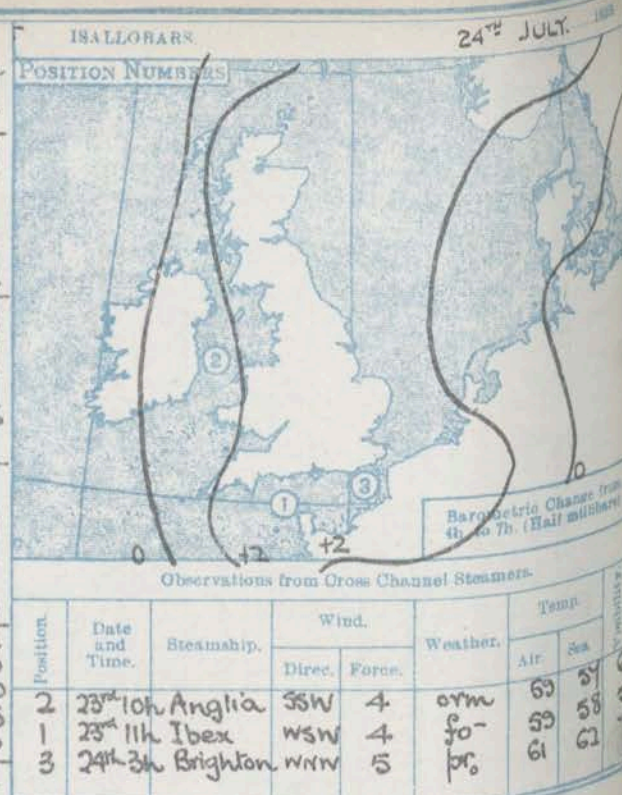
Tuesday, 24<sup>th</sup> July 1923.

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| STATIONS.<br>(For heights see p. 4.) |     | Observations at 1800 G.M.T. 23 <sup>rd</sup> |    |                    |   |          |           |             |                   |             |      |             |                   |                                    |        | Observations at 1800 G.M.T. 24 <sup>th</sup> |     |          |           |             |                   |             |      |             |                   |             |        |             |                   |     |     |     |    |      |      |      |    |     |    |
|--------------------------------------|-----|----------------------------------------------|----|--------------------|---|----------|-----------|-------------|-------------------|-------------|------|-------------|-------------------|------------------------------------|--------|----------------------------------------------|-----|----------|-----------|-------------|-------------------|-------------|------|-------------|-------------------|-------------|--------|-------------|-------------------|-----|-----|-----|----|------|------|------|----|-----|----|
|                                      |     | Barom. at M.S.L. Change in 3 Hours           |    | Wind. Direc. Force |   | Weather. | Temp. °F. | Humidity. % | Visibility. Miles | Cloud.      |      |             |                   | Barom. at M.S.L. Change in 3 Hours |        | Wind. Direc. Force                           |     | Weather. | Temp. °F. | Humidity. % | Visibility. Miles | Cloud.      |      |             |                   |             |        |             |                   |     |     |     |    |      |      |      |    |     |    |
|                                      |     |                                              |    |                    |   |          |           |             |                   | Low.        |      |             |                   |                                    |        |                                              |     |          |           |             |                   | High.       |      |             |                   |             |        |             |                   |     |     |     |    |      |      |      |    |     |    |
|                                      |     |                                              |    |                    |   |          |           |             |                   | Height Feet | Form | Amount 0-10 | Total Amount 0-10 |                                    |        |                                              |     |          |           |             |                   | Height Feet | Form | Amount 0-10 | Total Amount 0-10 | Height Feet | Form   | Amount 0-10 | Total Amount 0-10 |     |     |     |    |      |      |      |    |     |    |
| Lerwick                              | ... | 1003.6                                       | 0  | W                  | 2 | cd       | 56        | 85          | 6                 | 2500        | St   | 8           | -                 | 1003.6                             | +3     | NW                                           | 2   | cd       | 53        | 92          | 6                 | 2500        | Nb   | 10          | -                 | 1003.6      | +3     | NW          | 2                 | cd  | 53  | 92  | 6  | 2500 | Nb   | 10   | -  |     |    |
| Bornway                              | ... | 1002.9                                       | +1 | WNW                | 3 | cl       | 58        | 75          | 7                 | 4000        | Nb   | 8           | -                 | 1002.9                             | +2     | NW                                           | 4   | cl       | 58        | 75          | 7                 | 4000        | Nb   | 6           | -                 | 1002.9      | +2     | NW          | 4                 | cl  | 58  | 75  | 7  | 4000 | Nb   | 6    | -  |     |    |
| Wick                                 | ... | 1001.6                                       | +1 | NW                 | 3 | cl       | 58        | 75          | 7                 | 2500        | Nb   | 6           | -                 | 1001.6                             | +1     | NW                                           | 3   | cl       | 55        | 85          | 8                 | 2500        | Nb   | 6           | -                 | 1001.6      | +1     | NW          | 3                 | cl  | 55  | 85  | 8  | 2500 | Nb   | 6    | -  |     |    |
| Castell                              | ... | 1002.2                                       | +0 | WNW                | 4 | cl       | 57        | 85          | 8                 | 1500        | St   | 6           | -                 | 1002.2                             | +1     | W                                            | 4   | cl       | 55        | 92          | 8                 | 1500        | St   | 4           | -                 | 1002.2      | +1     | W           | 4                 | cl  | 55  | 92  | 8  | 1500 | St   | 4    | -  |     |    |
| Nairn                                | ... | 1003.1                                       | 0  | W                  | 3 | o        | 62        | 65          | 8                 | 2500        | cu   | 9           | -                 | 1003.1                             | 0      | W                                            | 2   | o        | 58        | 47          | 8                 | 2500        | cu   | 8           | -                 | 1003.1      | 0      | W           | 2                 | o   | 58  | 47  | 8  | 2500 | cu   | 8    | -  |     |    |
| Aberdeen                             | ... | 1003.4                                       | 0  | W                  | 3 | o        | 62        | 65          | 8                 | 2500        | cu   | 9           | -                 | 1003.4                             | +2     | NW                                           | 3   | cl       | 58        | 92          | 8                 | 2500        | cu   | 4           | -                 | 1003.4      | +2     | NW          | 3                 | cl  | 58  | 92  | 8  | 2500 | cu   | 4    | -  |     |    |
| Malin Head                           | ... | 1003.4                                       | 0  | W                  | 5 | oD       | 56        | 97          | 7                 | 4000        | Nb   | 7           | ASr               | 10                                 | 1003.4 | +1                                           | WNW | 5        | cl        | 54          | 92                | 8           | 3700 | Nb          | 2                 | AC          | 8      | 1003.4      | +1                | WNW | 5   | cl  | 54 | 92   | 8    | 3700 | Nb | 2   | AC |
| Benbow                               | ... | 1006.3                                       | -1 | WSW                | 5 | o/r      | 62        | 75          | 8                 | 2500        | St   | 9           | -                 | 1006.3                             | +1     | W                                            | 4   | o        | 57        | 85          | 8                 | 2500        | St   | 3           | -                 | 1006.3      | +1     | W           | 4                 | o   | 57  | 85  | 8  | 2500 | St   | 3    | -  |     |    |
| Edinburgh (Leith)                    | ... | 1004.8                                       | +2 | W                  | 5 | o        | 59        | 75          | 8                 | 4000        | St   | 9           | -                 | 1004.8                             | +2     | W                                            | 4   | o        | 57        | 92          | 8                 | 4000        | St   | 3           | -                 | 1004.8      | +2     | W           | 4                 | o   | 57  | 92  | 8  | 4000 | St   | 3    | -  |     |    |
| Leuchars                             | ... | 1003.9                                       | -1 | WNW                | 4 | o        | 64        | 65          | 8                 | 4000        | St   | 9           | -                 | 1003.9                             | +1     | WNW                                          | 5   | o        | 63        | 65          | 8                 | 4000        | St   | 4           | -                 | 1003.9      | +1     | WNW         | 5                 | o   | 63  | 65  | 8  | 4000 | St   | 4    | -  |     |    |
| Edinburgh (Leith)                    | ... | 1006.9                                       | 0  | W                  | 5 | o        | 63        | 55          | 8                 | 4000        | cu   | 7           | -                 | 1006.9                             | 0      | W/N                                          | 4   | o/r      | 54        | 85          | 7                 | 1500        | Nb   | 10          | -                 | 1006.9      | 0      | W/N         | 4                 | o/r | 54  | 85  | 7  | 1500 | Nb   | 10   | -  |     |    |
| Tyntonmouth                          | ... | 1006.5                                       | 0  | W                  | 2 | o/r      | 63        | 85          | 7                 | 800         | Nb   | 10          | -                 | 1006.5                             | 0      | W                                            | 3   | o        | 63        | 65          | 7                 | 4000        | cu   | 3           | AC                | 8           | 1006.5 | 0           | W                 | 3   | o   | 63  | 65 | 7    | 4000 | cu   | 3  | AC  |    |
| Blackhead Point                      | ... | 1012.7                                       | +3 | SW                 | 5 | o        | 61        | 85          | 8                 | 1500        | cu   | 5           | -                 | 1012.7                             | +2     | NW                                           | 6   | o        | 57        | 85          | 8                 | 1500        | cu   | 5           | -                 | 1012.7      | +2     | NW          | 6                 | o   | 57  | 85  | 8  | 1500 | cu   | 5    | -  |     |    |
| Dunstaffnage                         | ... | 1003.6                                       | 0  | W                  | 3 | bc       | 66        | 65          | 8                 | 1500        | cu   | 5           | -                 | 1003.6                             | +1     | W                                            | 4   | bc       | 59        | 85          | 8                 | 1500        | cu   | 5           | -                 | 1003.6      | +1     | W           | 4                 | bc  | 59  | 85  | 8  | 1500 | cu   | 5    | -  |     |    |
| Burr Castle                          | ... | 1012.1                                       | 0  | W                  | 2 | o        | 63        | 85          | 7                 | 2500        | Nb   | 9           | -                 | 1012.1                             | 0      | W                                            | 2   | o        | 63        | 75          | 7                 | 2500        | St   | 8           | -                 | 1012.1      | 0      | W           | 2                 | o   | 63  | 75  | 7  | 2500 | St   | 8    | -  |     |    |
| Islayhead                            | ... | 1011.1                                       | -0 | SW/W               | 4 | o        | 59        | 97          | 7                 | 800         | St   | 10          | -                 | 1011.1                             | +1     | W/N                                          | 4   | o/r      | 60        | 85          | 7                 | 2500        | St   | 9           | -                 | 1011.1      | +1     | W/N         | 4                 | o/r | 60  | 85  | 7  | 2500 | St   | 9    | -  |     |    |
| Liverpool (Bidston)                  | ... | 1009.9                                       | -1 | SW/W               | 3 | o/r      | 61        | 92          | 7                 | 1500        | Nb   | 10          | -                 | 1009.9                             | 0      | WSW                                          | 4   | o/r      | 62        | 92          | 8                 | 1500        | St   | 10          | -                 | 1009.9      | 0      | WSW         | 4                 | o/r | 62  | 92  | 8  | 1500 | St   | 10   | -  |     |    |
| Cheshire (Shotwick)                  | ... | 1010.7                                       | -1 | WSW                | 4 | o/r      | 62        | 85          | 7                 | 1500        | St   | 10          | -                 | 1010.7                             | 0      | W                                            | 5   | o/r      | 63        | 85          | 8                 | 1500        | St   | 10          | -                 | 1010.7      | 0      | W           | 5                 | o/r | 63  | 85  | 8  | 1500 | St   | 10   | -  |     |    |
| Hynd Head                            | ... | 1003.0                                       | -3 | SW                 | 5 | o/r      | 61        | 92          | 6                 | 2500        | Nb   | 8           | ASr               | 10                                 | 1003.0 | -1                                           | W   | 5        | o/r       | 63          | 92                | 6           | 1500 | St          | 9                 | -           | 1003.0 | -1          | W                 | 5   | o/r | 63  | 92 | 6    | 1500 | St   | 9  | -   |    |
| Birmingham (Edgbaston)               | ... | 1012.8                                       | -2 | SW                 | 5 | o/r      | 60        | 97          | 6                 | 1500        | Nb   | 10          | -                 | 1012.8                             | -1     | WSW                                          | 4   | o        | 63        | 97          | 7                 | 2500        | Nb   | 10          | -                 | 1012.8      | -1     | WSW         | 4                 | o   | 63  | 97  | 7  | 2500 | Nb   | 10   | -  |     |    |
| Nottingham                           | ... | 1010.7                                       | -1 | WSW                | 4 | o/r      | 62        | 97          | 6                 | 1500        | Nb   | 10          | -                 | 1010.7                             | -1     | W                                            | 2   | o/r      | 63        | 97          | 5                 | 1500        | Nb   | 10          | -                 | 1010.7      | -1     | W           | 2                 | o/r | 63  | 97  | 5  | 1500 | Nb   | 10   | -  |     |    |
| Canwell                              | ... | 1011.8                                       | -2 | SW                 | 4 | o/r      | 61        | 97          | 6                 | 1500        | Nb   | 10          | -                 | 1011.8                             | -1     | W's                                          | 3   | o/r      | 63        | 92          | 7                 | 1500        | Nb   | 10          | -                 | 1011.8      | -1     | W's         | 3                 | o/r | 63  | 92  | 7  | 1500 | Nb   | 10   | -  |     |    |
| Gorleston                            | ... | 1012.5                                       | -1 | W/N                | 4 | o        | 73        | 65          | 7                 | 5700        | St   | 10          | -                 | 1012.5                             | -1     | W's                                          | 4   | o        | 63        | 85          | 7                 | 2500        | Nb   | 8           | ASr               | 10          | 1012.5 | -1          | W's               | 4   | o   | 63  | 85 | 7    | 2500 | Nb   | 8  | ASr |    |
| Valencia (Oshroven)                  | ... | 1016.1                                       | 0  | WSW                | 2 | ffo      | 61        | 97          | 3                 | 220         | St   | 10          | -                 | 1016.1                             | 0      | NW/W                                         | 2   | o        | 61        | 85          | 7                 | 1500        | St   | 8           | -                 | 1016.1      | 0      | NW/W        | 2                 | o   | 61  | 85  | 7  | 1500 | St   | 8    | -  |     |    |
| Boche Point                          | ... | 1013.8                                       | -2 | W                  | 4 | o        | 66        | 92          | 8                 | 1500        | St   | 10          | -                 | 1013.8                             | -2     | WNW                                          | 4   | o        | 65        | 85          | 8                 | 2500        | St   | 5           | -                 | 1013.8      | -2     | WNW         | 4                 | o   | 65  | 85  | 8  | 2500 | St   | 5    | -  |     |    |
| Pembroke (St. Ann's H.)              | ... | 1014.7                                       | -3 | WSW                | 5 | ffo      | 58        | 97          | 2                 | 150         | St   | 10          | -                 | 1014.7                             | -2     | WSW                                          | 4   | ffo      | 58        | 97          | 2                 | 150         | St   | 10          | -                 | 1014.7      | -2     | WSW         | 4                 | ffo | 58  | 97  | 2  | 150  | St   | 10   | -  |     |    |
| Bon-on-Wye                           | ... | 1014.1                                       | -2 | SW                 | 5 | o/r      | 61        | 92          | 7                 | 2500        | Nb   | 10          | -                 | 1014.1                             | -1     | W's                                          | 3   | o        | 65        | 85          | 6                 | 2500        | St   | 8           | AC                | 9           | 1014.1 | -1          | W's               | 3   | o   | 65  | 85 | 6    | 2500 | St   | 8  | AC  |    |
| Boson                                | ... | 1014.2                                       | -4 | WSW                | 4 | o        | 68        | 95          | 8                 | 2500        | St   | 10          | -                 | 1014.2                             | -3     | WSW                                          | 3   | o        | 65        | 92          | 8                 | 2500        | St   | 10          | -                 | 1014.2      | -3     | WSW         | 3                 | o   | 65  | 92  | 8  | 2500 | St   | 10   | -  |     |    |
| Andover                              | ... | 1015.7                                       | -4 | SW                 | 4 | o        | 68        | 65          | 8                 | 1500        | St   | 10          | -                 | 1015.7                             | -3     | SW/W                                         | 3   | o/r      | 62        | 97          | 7                 | 450         | Nb   | 10          | -                 | 1015.7      | -3     | SW/W        | 3                 | o/r | 62  | 97  | 7  | 450  | Nb   | 10   | -  |     |    |
| S. Farnborough                       | ... | 1014.8                                       | -4 | SW                 | 5 | o        | 77        | 55          | 6                 | 4000        | St   | 2           | AC                | 8                                  | 1014.8 | -2                                           | WSW | 3        | o/r       | 62          | 97                | 6           | 1500 | Nb          | 10                | -           | 1014.8 | -2          | WSW               | 3   | o/r | 62  | 97 | 6    | 1500 | Nb   | 10 | -   |    |
| London (Kew Obs.)                    | ... | 1014.1                                       | -5 | WSW                | 3 | o        | 71        | 55          | 8                 | 4000        | cu   | 2           | ASr               | 10                                 | 1014.1 | -3                                           | WSW | 3        | o         | 66          | 75                | 7           | 1500 | St          | 10                | -           | 1014.1 | -3          | WSW               | 3   | o   | 66  | 75 | 7    | 1500 | St   | 10 | -   |    |
| Croydon                              | ... | 1014.5                                       | -3 | W's                | 4 | o        | 72        | 55          | 8                 | 2500        | cu   | 4           | AC                | 9                                  | 1014.5 | -2                                           | WSW | 4        | o/r       | 63          | 85                | 7           | 1500 | St          | 10                | -           | 1014.5 | -2          | WSW               | 4   | o/r | 63  | 85 | 7    | 1500 | St   | 10 | -   |    |
| Ordnance-on-Sea                      | ... | 1013.6                                       | -4 | SW                 | 5 | bc       | 75        | 55          | 7                 | -           | -    | 0           | AC                | 8                                  | 1013.6 | -1                                           | WSW | 4        | o         | 65          | 85                | 6           | 1500 | Nb          | 10                | -           | 1013.6 | -1          | WSW               | 4   | o   | 65  | 85 | 6    | 1500 | Nb   | 10 | -   |    |
| Blackburnes                          | ... | 1013.8                                       | -4 | SW/W               | 5 | o        | 75        | 55          | 8                 | -           | -    | 0           | ASr               | 8                                  | 1013.8 | -2                                           | SW  | 4        | o/r       | 65          | 85                | 7           | 4000 | St          | 6                 | AC          | 9      | 1013.8      | -2                | SW  | 4   | o/r | 65 | 85   | 7    | 4000 | St | 6   | AC |
| Lymington                            | ... | 1015.6                                       | -2 | WSW                | 5 | o        | 69        | 65          | 8                 | 2500        | St   | 3           | ASr               | 8                                  | 1015.6 | -2                                           | W   | 4        | o         | 60          | 92                | 6           | 1500 | Nb          | 5                 | ASr         | 10     |             |                   |     |     |     |    |      |      |      |    |     |    |



| STATIONS.                      | SUMMARIES FOR THE PAST 24 HOURS. |           |             |         |              |                |                      |                  |                    |                         |                         |     | 50th.<br>23rd.<br>Hours. |
|--------------------------------|----------------------------------|-----------|-------------|---------|--------------|----------------|----------------------|------------------|--------------------|-------------------------|-------------------------|-----|--------------------------|
|                                | WEATHER.                         |           |             |         | TEMPERATURE. |                |                      | RAINFALL.        |                    |                         |                         |     |                          |
|                                | 7a.-13h.                         | 13h.-18h. | 18h.-23h.   | 1h.-7h. | MAX.<br>Day. | MIN.<br>Night. | MIN.<br>on<br>Grass. | Day.<br>7h.-13h. | Night.<br>13h.-7h. | Precipitation<br>began. | Precipitation<br>began. |     |                          |
|                                | 23rd                             | 23rd      | to 1st 24th | 24th    | 7h.-13h.     | 13h.-7h.       | Grass.               | mm.              | mm.                |                         |                         |     |                          |
| Lerwick ... ..                 | bcb                              | ca        | ca          | ca      | 58           | 49             | .                    | 0.1              | 1                  | 10800                   | 2100                    | 5.4 |                          |
| Stornoway ... ..               | p                                | p         | p           | p       | 53           | 46             | .                    | 1                | 1                  | -                       | 2100                    | 5.8 |                          |
| Wick ... ..                    | cp                               | c         | c           | c       | 60           | 47             | .                    | 1                | 1                  | 0900                    | -                       | 2.8 |                          |
| Castlebay ... ..               | opc                              | cac       | co          | co      | 57           | 52             | .                    | 0.2              | -                  | -                       | -                       | 3.4 |                          |
| Nairn ... ..                   | cg                               | peg       | cg          | cc      | 64           | 51             | .                    | 0.2              | -                  | 1530                    | -                       | 5.2 |                          |
| Aberdeen ... ..                | beco                             | epor      | epor        | c       | 65           | 51             | 44                   | Trace            | 0.2                | 1330                    | 2100                    | 5.0 |                          |
| Malin Head ... ..              | beid                             | coro      | irco        | irco    | 59           | 52             | .                    | 1                | 0.4                | 1100                    | 2200                    | 6.7 |                          |
| Renfrew ... ..                 | bqco                             | aqo       | c           | oc      | 65           | 52             | 50                   | Trace            | -                  | -                       | -                       | 8.5 |                          |
| Edinburgh (Inchkeith) ... ..   | c                                | c         | c           | c       | 61           | 53             | 51                   | -                | -                  | -                       | -                       | 8.4 |                          |
| Leuchars ... ..                | bbcco                            | oayc      | co          | co      | 68           | 52             | 44                   | -                | -                  | -                       | -                       | 3.6 |                          |
| Eskdalemuir ... ..             | ocy                              | cyoap     | opbco       | oop     | 64           | 45             | 46                   | 0.1              | 0.2                | 1530                    | 2100                    | .   |                          |
| Tynemouth ... ..               | oir                              | c         | bbc         | c       | 69           | 53             | 48                   | 1                | -                  | 10800                   | -                       | .   |                          |
| Blackad Point ... ..           | oo                               | c         | c           | c       | 61           | 50             | .                    | -                | -                  | -                       | -                       | .   |                          |
| Donaghadee ... ..              | or                               | bq        | c           | c       | 67           | 54             | .                    | 4                | -                  | 10800                   | -                       | 4.8 |                          |
| Birr Castle ... ..             | cour                             | co        | co          | co      | 67           | 53             | 52                   | 2                | -                  | 10800                   | -                       | 1.6 |                          |
| Holyhead ... ..                | Rmo                              | apm       | oco         | cbc     | 64           | 55             | 52                   | 8                | -                  | 10800                   | -                       | 0.1 |                          |
| Liverpool (Bidston) ... ..     | r-d                              | r         | o           | o       | 62           | 55             | 51                   | 3                | -                  | 10800                   | -                       | 0.4 |                          |
| Chester (Shotwick) ... ..      | oprrmc                           | ador      | oo          | oo      | 64           | 55             | 52                   | 3                | -                  | 10800                   | -                       | .   |                          |
| Spurn Head ... ..              | orr                              | aropa     | obcco       | c       | 64           | 56             | .                    | 3                | -                  | 10800                   | -                       | 0.0 |                          |
| Birmingham (Edgbaston) ... ..  | orr                              | arcc      | oc          | c       | 63           | 53             | 48                   | 13               | -                  | 0900                    | -                       | 0.0 |                          |
| Nottingham ... ..              | rr                               | ao        | ocb         | c       | 64           | 56             | 52                   | 4                | -                  | 0900                    | -                       | 0.5 |                          |
| Cranwell ... ..                | orr                              | r         | ocbec       | cbc     | 64           | 54             | 50                   | 6                | -                  | 0900                    | -                       | 4.6 |                          |
| Gorleston ... ..               | aqoq                             | aqr       | arcbc       | c       | 74           | 56             | 52                   | 4                | 0.2                | 1330                    | 2200                    | 1.4 |                          |
| Valencia (Cahiroiveen) ... ..  | ormf                             | afoc      | o           | bcco    | 62           | 56             | 50                   | 10               | -                  | 10800                   | -                       | *   |                          |
| Roches Point ... ..            | Ro                               | ac        | cbcc        | c       | 68           | 55             | .                    | 4                | -                  | 10800                   | -                       | 0.0 |                          |
| Pembroke (St. Ann's H.) ... .. | orrff                            | offo      | c           | bcc     | 60           | 54             | .                    | 8                | -                  | 0900                    | -                       | 8.1 |                          |
| Ross-on-Wye ... ..             | cor                              | oc        | opebcb      | bccb    | 67           | 53             | 49                   | 3                | 0.1                | 1100                    | 2100                    | .   |                          |
| Benson ... ..                  | oo                               | ora       | oc          | cbc     | 72           | 49             | 42                   | 1                | -                  | 1430                    | -                       | .   |                          |
| Andover ... ..                 | oo                               | oar       | oro         | obcb    | 69           | 54             | 50                   | 1                | 0.2                | 1430                    | 2100                    | 1.4 |                          |
| S. Farnborough ... ..          | obc                              | beorgo    | ro          | bc      | 78           | 54             | 50                   | 1                | Trace              | 1430                    | 2100                    | 4.0 |                          |
| London (Kew Obs.) ... ..       | bcoy                             | ayora     | sodpro      | bcbm    | 73           | 54             | 46                   | 1                | 0.4                | 1430                    | 2100                    | 5.9 |                          |
| Croydon ... ..                 | bcoy                             | ayor      | ordmo       | ocbc    | 75           | 58             | 52                   | 0.4              | 0.4                | 1430                    | 2100                    | 6.4 |                          |
| Clacton-on-Sea ... ..          | cy                               | cyagag    | ag          | agbc    | 74           | 54             | 53                   | 1                | -                  | 1530                    | -                       | 6.9 |                          |
| Shoeburyness ... ..            | bcbey                            | beyera    | ocbc        | bcb     | 74           | 54             | 52                   | 0.2              | -                  | 1530                    | -                       | 4.1 |                          |
| Grain ... ..                   | cobcc                            | trapor    | oo          | ocbc    | 74           | 54             | 54                   | Trace            | -                  | 1530                    | -                       | 8.9 |                          |
| Lymington ... ..               | bcc                              | coto      | omir        | omc     | 69           | 54             | 53                   | 0.1              | 1                  | 1630                    | 2100                    | 0.5 |                          |
| Solly (St. Mary's) ... ..      | oo                               | om        | o           | o       | 64           | 57             | .                    | -                | -                  | -                       | -                       | 1.1 |                          |
| Falmouth (Pendennis) ... ..    | obcc                             | cpomd     | omdco       | obc     | 64           | 59             | .                    | Trace            | -                  | 1530                    | 2100                    | 5.1 |                          |
| Plymouth (Cattewater) ... ..   | oo                               | ora       | c           | c       | 65           | 58             | 56                   | 1                | 1                  | 1330                    | 2100                    | .   |                          |
| Portland Bill ... ..           | c                                | p         | c           | bcc     | 62           | 60             | .                    | 5                | 0.6                | 1430                    | 2100                    | 5.1 |                          |
| Southampton (Calshot) ... ..   | c                                | oaro      | omir        | c       | 65           | 58             | 56                   | 0.1              | 1                  | 1430                    | 2100                    | .   |                          |
| Dungeness ... ..               | ca                               | opr       | opr         | p       | 65           | 58             | .                    | 0.7              | 4                  | 1730                    | 2100                    | .   |                          |
| Jersey ... ..                  | ceb                              | oco       | rid         | ?       | 62           | 59             | .                    | -                | -                  | -                       | -                       | .   |                          |
| Guernsey ... ..                | r                                | r         | r           | r       | 62           | 59             | .                    | Trace            | 20                 | 1730                    | 2100                    | .   |                          |



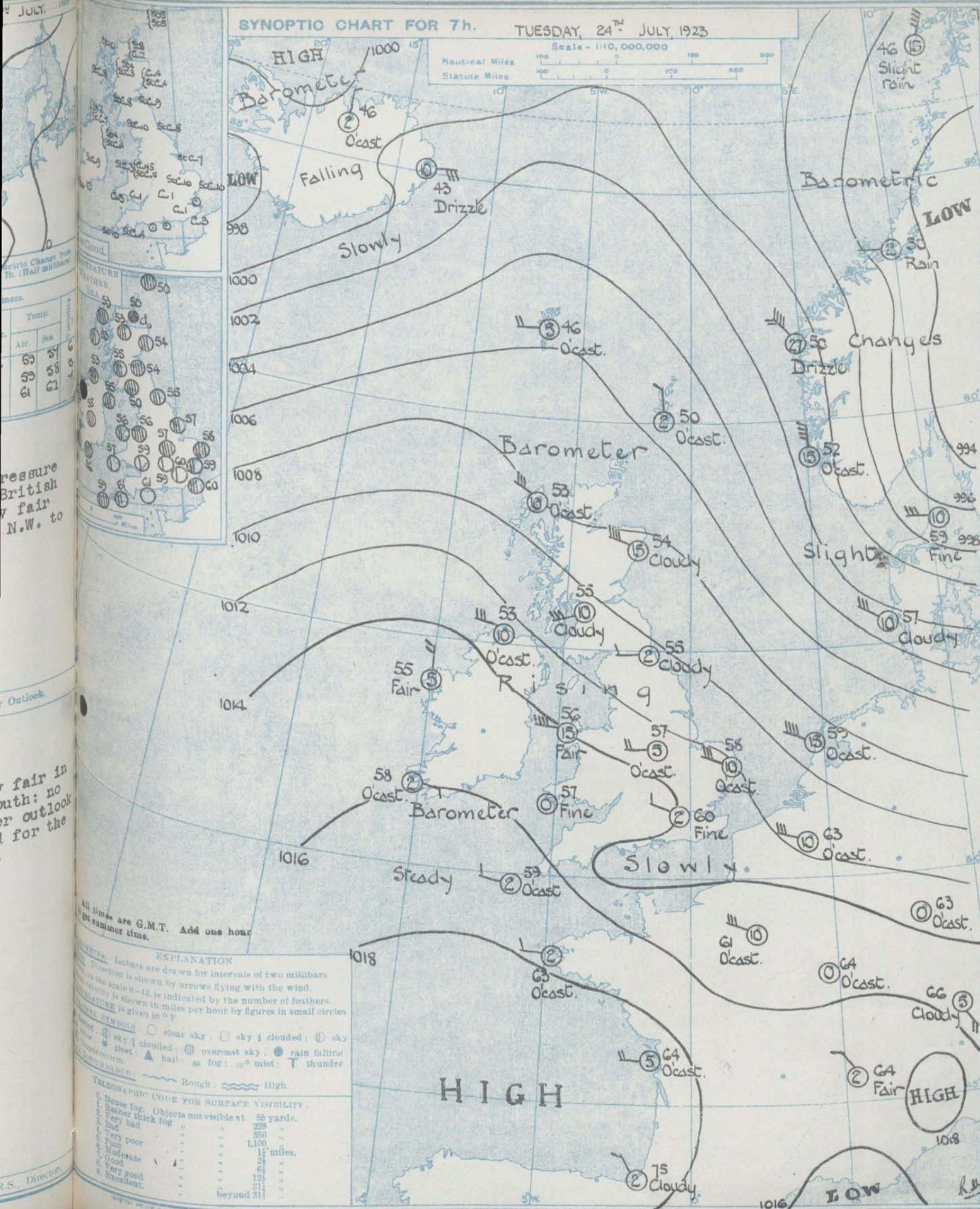


TUESDAY, 24<sup>TH</sup> JULY, 1923

TUESDAY, 24<sup>TH</sup> JULY, 1923

Scale - 1:10,000,000

Nautical Miles  
Statute Miles



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



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION.

Tuesday, 24th July

1923.

No. 205.

| STATIONS.               | Height above M.S.L. in feet. | Observations at 0100 G.M.T. 24th |                    |        |        |          |           |             |                    |         |       |      | Observations at 0700 G.M.T. 24th |                    |        |        |          |           |             |                    |         |       |      |
|-------------------------|------------------------------|----------------------------------|--------------------|--------|--------|----------|-----------|-------------|--------------------|---------|-------|------|----------------------------------|--------------------|--------|--------|----------|-----------|-------------|--------------------|---------|-------|------|
|                         |                              | Barom. at M.S.L. m.b.            | Change in 3 Hours. | Wind.  |        | Weather. | Temp. °F. | Humidity. % | Visibility. Miles. | Cloud.  |       |      | Barom. at M.S.L. m.b.            | Change in 3 Hours. | Wind.  |        | Weather. | Temp. °F. | Humidity. % | Visibility. Miles. | Cloud.  |       |      |
|                         |                              |                                  |                    | Direc. | Force. |          |           |             |                    | Height. | Form. | Amt. |                                  |                    | Direc. | Force. |          |           |             |                    | Height. | Form. | Amt. |
|                         |                              |                                  |                    |        |        |          |           |             |                    |         |       |      |                                  |                    |        |        |          |           |             |                    |         |       |      |
| Lerwick                 | 54                           | 1003.7                           | +2                 | NW     | 1      | od.      | 50        | 92          | 6                  | 4000    | Nb    | 10   | 1005.9                           | +2                 | N      | 1      | of       | 50        | 88          | 1                  | 2500    | Nb    | 10   |
| Stornoway               | 51                           | 1003.5                           | +2                 | NW     | 2      | of       | 50        | 92          | 6                  | 2500    | Nb    | 5    | 1008.0                           | +2                 | NW     | 3      | of       | 50        | 88          | 6                  | 450     | St    | 10   |
| Wick                    | 81                           | 1003.0                           | +1                 | WNW    | 3      | of       | 50        | 92          | 6                  | 2500    | Nb    | 5    | 1006.8                           | +2                 | WNW    | 1      | of       | 50        | 88          | 6                  | 500     | St    | 10   |
| Castellbay              | 97                           | 1003.0                           | +1                 | WNW    | 3      | of       | 50        | 92          | 6                  | 2500    | Nb    | 5    | 1006.8                           | +2                 | WNW    | 1      | of       | 50        | 88          | 6                  | 2500    | St    | 10   |
| Nairn                   | 82                           | 1003.0                           | +1                 | WNW    | 3      | of       | 50        | 92          | 6                  | 2500    | Nb    | 5    | 1006.8                           | +2                 | WNW    | 1      | of       | 50        | 88          | 6                  | 2500    | St    | 10   |
| Aberdeen                | 46                           | 1003.0                           | +1                 | WNW    | 3      | of       | 50        | 92          | 6                  | 2500    | Nb    | 5    | 1006.8                           | +2                 | WNW    | 1      | of       | 50        | 88          | 6                  | 2500    | St    | 10   |
| Malin Head              | 71                           | 1011.0                           | +1                 | WNW    | 4      | of       | 54        | 92          | 8                  | 5100    | Nb    | 3    | 1012.0                           | 0                  | WNW    | 3      | of       | 54        | 88          | 8                  | 4000    | St    | 3    |
| Renfrew                 | 49                           | 1008.5                           | +2                 | N      | 4      | of       | 54        | 92          | 8                  | 5100    | Nb    | 3    | 1010.7                           | +2                 | NSW    | 3      | of       | 54        | 88          | 8                  | 4000    | St    | 3    |
| Edinburgh (Inchkeith)   | 180                          | 1007.8                           | +2                 | N      | 4      | of       | 54        | 92          | 8                  | 5100    | Nb    | 3    | 1008.9                           | +2                 | N      | 4      | of       | 54        | 88          | 8                  | 4000    | St    | 3    |
| Leuchars                | 38                           | 1007.8                           | +2                 | N      | 4      | of       | 54        | 92          | 8                  | 5100    | Nb    | 3    | 1008.9                           | +2                 | WNW    | 3      | of       | 54        | 88          | 8                  | 4000    | St    | 3    |
| Baldernair              | 794                          | 1007.8                           | +2                 | N      | 4      | of       | 54        | 92          | 8                  | 5100    | Nb    | 3    | 1011.4                           | +2                 | WNW    | 3      | of       | 54        | 88          | 8                  | 1500    | St    | 10   |
| Tynemouth               | 118                          | 1008.5                           | +1                 | NSW    | 2      | of       | 53        | 92          | 4                  | 5100    | Nb    | 3    | 1010.1                           | +2                 | N      | 1      | of       | 53        | 88          | 8                  | 4000    | St    | 8    |
| Blackhead Point         | 10                           | 1014.8                           | 0                  | N      | 2      | of       | 55        | 85          | 8                  | 5100    | Nb    | 3    | 1014.2                           | 0                  | N      | 2      | of       | 55        | 85          | 8                  | 5100    | St    | 3    |
| Donaghadee              | 35                           | 1013.1                           | +1                 | N      | 2      | of       | 55        | 85          | 8                  | 5100    | Nb    | 3    | 1013.1                           | +1                 | N      | 2      | of       | 55        | 85          | 8                  | 2500    | St    | 3    |
| Birr Castle             | 175                          | 1013.1                           | +1                 | N      | 2      | of       | 55        | 85          | 8                  | 5100    | Nb    | 3    | 1013.1                           | +1                 | WNW    | 3      | of       | 55        | 85          | 8                  | 4000    | St    | 3    |
| Holyhead                | 26                           | 1012.8                           | +1                 | WN     | 5      | of       | 56        | 92          | 4                  | 1500    | St    | 8    | 1014.3                           | +1                 | WN     | 4      | of       | 56        | 88          | 8                  | 5100    | St    | 3    |
| Liverpool (Bidston)     | 169                          | 1013.2                           | +2                 | W      | 3      | of       | 56        | 92          | 4                  | 1500    | St    | 8    | 1013.2                           | +2                 | W      | 3      | of       | 56        | 88          | 8                  | 2500    | St    | 10   |
| Chester (Shotwick)      | 16                           | 1013.5                           | +3                 | WNW    | 3      | of       | 56        | 92          | 4                  | 1500    | St    | 8    | 1013.5                           | +3                 | WNW    | 3      | of       | 56        | 88          | 8                  | 2500    | St    | 5    |
| Sparn Head              | 26                           | 1006.5                           | 0                  | N      | 5      | of       | 58        | 92          | 4                  | 1500    | St    | 10   | 1011.3                           | +3                 | N      | 2      | of       | 58        | 88          | 8                  | 4000    | St    | 4    |
| Birmingham (Edgbaston)  | 525                          | 1014.3                           | +3                 | WNW    | 3      | of       | 58        | 92          | 4                  | 1500    | St    | 10   | 1014.3                           | +3                 | WNW    | 3      | of       | 58        | 88          | 8                  | 4000    | St    | 4    |
| Nottingham              | 82                           | 1012.8                           | +3                 | W      | 2      | of       | 58        | 92          | 4                  | 1500    | St    | 10   | 1012.8                           | +3                 | W      | 2      | of       | 58        | 88          | 8                  | 2500    | St    | 10   |
| Cranwell                | 237                          | 1012.9                           | +2                 | N      | 3      | of       | 58        | 92          | 4                  | 1500    | St    | 10   | 1012.9                           | +2                 | N      | 3      | of       | 58        | 88          | 8                  | 4000    | St    | 4    |
| Gorleston               | 13                           | 1012.2                           | +1                 | WNW    | 3      | of       | 58        | 92          | 4                  | 1500    | St    | 10   | 1012.2                           | +1                 | WNW    | 3      | of       | 58        | 88          | 8                  | 4000    | St    | 10   |
| Valencia (Cahiretven)   | 30                           | 1016.6                           | 0                  | SE     | 1      | of       | 57        | 94          | 8                  | 5100    | Nb    | 10   | 1015.4                           | 0                  | SE     | 1      | of       | 58        | 85          | 1                  | 1500    | St    | 10   |
| Roches Point            | 32                           | 1016.6                           | 0                  | SE     | 1      | of       | 57        | 94          | 8                  | 5100    | Nb    | 10   | 1016.6                           | 0                  | SE     | 1      | of       | 58        | 85          | 1                  | 5100    | St    | 3    |
| Pembroke (St. Ann's H.) | 149                          | 1014.8                           | +1                 | NW     | 3      | of       | 56        | 85          | 8                  | 4000    | St    | 2    | 1015.1                           | +1                 | N      | 1      | of       | 57        | 88          | 1                  | 4000    | St    | 3    |
| Ross-on-Wye             | 223                          | 1014.8                           | +1                 | NW     | 3      | of       | 56        | 85          | 8                  | 4000    | St    | 2    | 1014.8                           | +1                 | WNW    | 3      | of       | 57        | 88          | 1                  | 4000    | St    | 1    |
| Beneon                  | 198                          | 1014.1                           | +3                 | N      | 2      | of       | 56        | 85          | 8                  | 4000    | St    | 2    | 1014.1                           | +3                 | N      | 2      | of       | 57        | 88          | 1                  | 1500    | St    | 1    |
| Andover                 | 295                          | 1014.6                           | +2                 | NW     | 2      | of       | 58        | 92          | 4                  | 1500    | St    | 10   | 1014.6                           | +2                 | NW     | 2      | of       | 58        | 88          | 8                  | 4000    | St    | 0    |
| S. Farnborough          | 230                          | 1014.9                           | +2                 | NW     | 3      | of       | 58        | 92          | 4                  | 1500    | St    | 10   | 1014.9                           | +2                 | NW     | 3      | of       | 58        | 88          | 8                  | 4000    | St    | 0    |
| London (Kew Obsy.)      | 18                           | 1014.3                           | +2                 | WNW    | 3      | of       | 58        | 92          | 4                  | 1500    | St    | 10   | 1014.3                           | +2                 | WNW    | 3      | of       | 58        | 88          | 8                  | 4000    | St    | 0    |
| Oroydon                 | 244                          | 1013.3                           | +2                 | WNW    | 2      | of       | 58        | 92          | 4                  | 1500    | St    | 10   | 1013.3                           | +2                 | WNW    | 2      | of       | 58        | 88          | 8                  | 4000    | St    | 0    |
| Olacton-on-Sea          | 54                           | 1012.7                           | +3                 | WNW    | 3      | of       | 58        | 92          | 4                  | 1500    | St    | 10   | 1012.7                           | +3                 | WNW    | 3      | of       | 58        | 88          | 8                  | 4000    | St    | 0    |
| Shoeburyness            | 11                           | 1013.6                           | +3                 | NW     | 4      | of       | 58        | 92          | 4                  | 1500    | St    | 10   | 1013.6                           | +3                 | NW     | 4      | of       | 58        | 88          | 8                  | 4000    | St    | 0    |
| Grain                   | 20                           | 1013.5                           | +3                 | WN     | 4      | of       | 58        | 92          | 4                  | 1500    | St    | 10   | 1013.5                           | +3                 | WN     | 4      | of       | 58        | 88          | 8                  | 4000    | St    | 0    |
| Lymington               | 350                          | 1014.4                           | -3                 | WN     | 3      | of       | 58        | 92          | 4                  | 800     | Nb    | 10   | 1014.4                           | -3                 | WN     | 3      | of       | 58        | 88          | 8                  | 4000    | St    | 6    |
| Billy (St. Mary's)      | 131                          | 1014.1                           | 0                  | WNW    | 4      | of       | 59        | 94          | 8                  | 4000    | St    | 10   | 1014.1                           | 0                  | WN     | 1      | of       | 60        | 94          | 6                  | 4000    | St    | 10   |
| Falmouth (Pendennis)    | 200                          | 1014.3                           | -1                 | WNW    | 3      | of       | 60        | 94          | 4                  | 4000    | St    | 10   | 1014.3                           | -1                 | N      | 1      | of       | 61        | 94          | 6                  | 4000    | St    | 4    |
| Plymouth (Cattewater)   | 82                           | 1015.0                           | +3                 | NW     | 3      | of       | 61        | 94          | 4                  | 4000    | St    | 10   | 1015.0                           | +3                 | NW     | 3      | of       | 61        | 94          | 6                  | 4000    | St    | 4    |
| Portland Bill           | 19                           | 1013.4                           | -1                 | N      | 4      | of       | 61        | 92          | 4                  | 4000    | St    | 6    | 1013.8                           | 0                  | NSW    | 3      | of       | 61        | 92          | 4                  | 4000    | St    | 0    |
| Southampton (U.S. shot) | 12                           | 1012.9                           | -1                 | N      | 3      | of       | 63        | 94          | 6                  | 800     | St    | 10   | 1015.0                           | +3                 | WNW    | 3      | of       | 61        | 94          | 6                  | 4000    | St    | 4    |
| Dungeness               | 21                           | 1012.0                           | -2                 | NSW    | 4      | of       | 61        | 94          | 8                  | 1500    | St    | 10   | 1013.6                           | +2                 | WNW    | 3      | of       | 60        | 94          | 6                  | 1500    | St    | 3    |
| Jersey                  | 25                           | 1016.6                           | -2                 | N      | 4      | FF       | 60        | 94          | 1                  | 450     | St    | 10   | 1014.2                           | +2                 | WN     | 2      | mo       | 60        | 94          | 6                  | 1500    | St    | 10   |
| Guernsey                | —                            | 1016.6                           | -2                 | N      | 4      | FF       | 60        | 94          | 1                  | 450     | St    | 10   | 1014.2                           | +2                 | WN     | 2      | mo       | 60        | 94          | 6                  | 1500    | St    | 10   |

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

| STATIONS.          | WEATHER.   |             | TEMPERATURE. |           | RAINFALL†      |              | SUNSHINE.       |                    | STATIONS.            | WEATHER.   |             | TEMPERATURE. |           | RAINFALL†      |              | SUNSHINE.       |                    |
|--------------------|------------|-------------|--------------|-----------|----------------|--------------|-----------------|--------------------|----------------------|------------|-------------|--------------|-----------|----------------|--------------|-----------------|--------------------|
|                    | Fore-noon. | After-noon. | Min. Night.  | Max. Day. | Night 17h.-9h. | Day 9h.-17h. | Sunrise to 17h. | Sunrise to Sunset. |                      | Fore-noon. | After-noon. | Min. Night.  | Max. Day. | Night 17h.-9h. | Day 9h.-17h. | Sunrise to 17h. | Sunrise to Sunset. |
|                    |            |             |              |           |                |              |                 |                    |                      |            |             |              |           |                |              |                 |                    |
|                    |            |             | 22d-23d      | 23d       | 23d-24d        | 23d          | 23d             | 22d                |                      |            |             | 22d-23d      | 23d       | 23d-24d        | 23d          | 23d             | 22d                |
| Montrose ...       | b          | bcp         | 59           | 68        | 1              | 0.2          | 6.2             | 0.5                |                      |            |             | 59           | 63        | -              | 5            | 0.7             | 25                 |
| Berwick-on-Tweed   | cobcv      | bcbcv       | 59           | 68        | -              | -            | 7.3             | 0.3                | Ilfracombe ...       | ocod       | ord         | 59           | 63        | -              | 5            | 0.4             | 12                 |
| Llandudno ...      | r          | ad          | 60           | 61        | 5              | 4            | 0.0             | 10.8               | Bude ...             | occor      | r           | 60           | 69        | -              | 5            | *               | 11.0               |
| Colwyn Bay ...     | r          | r           | 60           | 62        | 3              | 5            | 0.0             | 0.0                | Penzance ...         | ocim       | oim         | 58           | 67        | -              | 3            | 4.1             | 11.0               |
| Rhyl ...           | rc         | erc         | 59           | 63        | 3              | 5            | 0.0             | 0.1                | Paignton ...         | bcpodp     | odqp        | 55           | 67        | -              | 0.1          | 4.7             | 8.3                |
| Southport ...      | rr         | oroco       | 59           | 61        | 7              | 4            | 0.1             | 0.0                | Terquay ...          | b          | copoc       | 55           | 67        | -              | 0.1          | 5.4             |                    |
| Blackpool ...      | or         | oc          | 59           | 64        | 6              | 2            | 1.0             | 0.2                | Weymouth ...         | c          | opo         | 54           | 64        | -              | -            | -               |                    |
| Ilkley ...         | dmp        | ocdc        | 58           | 64        | 3              | 2            | 0.3             | 0.0                |                      |            |             |              |           |                |              |                 |                    |
| Harrogate ...      | o          | oc          | 57           | 65        | 2              | 0.4          | 1.4             | 0.0                | Bournemouth ...      | bbc        | co          | 53           | 63        | -              | -            | 5.8             | 12.0               |
| Skegness ...       | o?         | o?          | 58           | 67        | -              | 7            | 0.8             | 3.7                | Portsmouth (S. obs.) | bc         | ro          | 56           | 66        | -              | Trace        | 4.0             | 14.0               |
| Aberystwyth ...    | ror        | o           | 59           | 61        | 18             | 13           | 0.0             | 1.0                | Worthing ...         | cbe        | bco         | 55           | 65        | -              | -            | 5.2             | 12.8               |
| Bath ...           | o          | ord         | 60           | 67        | -              | 2            | 0.0             | 6.6                | Brighton ...         | o          | o           | 57           | 64        | -              | -            | 1.0             | 14.1               |
| Leamington Spa ... | or         | ro          | 55           | 66        | -              | 4            | 0.0             | 4.8                | Eastbourne ...       | oc         | coro        | 59           | 63        | -              | Trace        | 2.9             |                    |
| Lowestoft ...      | bco        | opo         | 57           | 73        | -              | 1            | 4.6             | 5.7                |                      |            |             |              |           |                |              |                 |                    |
| Felixstowe ...     | cb         | borog       | 56           | 78        | -              | 2            | 6.3             | 10.1               | Hastings ...         | ocbee      | cbeco       | 56           | 66        | -              | -            | 3.6             | 13.9               |
| Southend ...       | bc         | opo         | 56           | 77        | -              | 0.1          | 6.4             | 3.3                | Folkstone ...        | bc         | d           | 56           | 67        | -              | 0.4          | 8.7             | 11.0               |
|                    |            |             |              |           |                |              |                 |                    | Tanbridge Wells ...  | bcb        | bcbop       | 53           | 72        | -              | 0.2          | 7.3             | 9.6                |
|                    |            |             |              |           |                |              |                 |                    | Ramsgate ...         | bbe        | bco         | 53           | 73        | -              | -            | 7.6             | 11.5               |
|                    |            |             |              |           |                |              |                 |                    | Margate ...          | b          | bbeo        | 56           | 74        | -              | -            | 7.7             | 0.7                |
|                    |            |             |              |           |                |              |                 |                    | Deal ...             | bb         | bbeo        | 56           | 71        | -              | -            | -               |                    |

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\* Information for these columns not usually received.

† Trace = sign has fallen, but amount less than 0.1 mm

‡ For code see page 8.

§ See footnotes page 1.



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 2525

Wednesday, 25th July, 1923.

Page 1

| STATIONS.               |     | Observations at 1800 G.M.T. 24h |    |     |              |     |    |       |   |      |           |    |      | Observations at 1800 G.M.T. 24h |    |        |                   |     |   |              |    |    |       |      |      |           |      |    |                  |   |   |
|-------------------------|-----|---------------------------------|----|-----|--------------|-----|----|-------|---|------|-----------|----|------|---------------------------------|----|--------|-------------------|-----|---|--------------|----|----|-------|------|------|-----------|------|----|------------------|---|---|
|                         |     | Barom. at M.S.L.                |    |     | Wind.        |     |    | Temp. |   |      | Humidity. |    |      | Cloud.                          |    |        | Barom. at M.S.L.  |     |   | Wind.        |    |    | Temp. |      |      | Humidity. |      |    | Cloud.           |   |   |
|                         |     | Change in 3 Hours               |    |     | Direc. Force |     |    | °F.   |   |      | %         |    |      | Height Form Amt.                |    |        | Change in 3 Hours |     |   | Direc. Force |    |    | °F.   |      |      | %         |      |    | Height Form Amt. |   |   |
|                         |     | m.b.                            |    |     | 0-12         |     |    | 0-12  |   |      | 0-12      |    |      | Feet 0-10                       |    |        | m.b.              |     |   | 0-12         |    |    | 0-12  |      |      | 0-12      |      |    | Feet 0-10        |   |   |
| (For heights see p.4).  |     |                                 |    |     |              |     |    |       |   |      |           |    |      |                                 |    |        |                   |     |   |              |    |    |       |      |      |           |      |    |                  |   |   |
| Lerwick                 | ... | 1006.5                          | +1 | W   | 1            | bc  | 55 | 55    | 8 | -    | -         | -  | -    | Ac                              | 5  | -      | 1006.5            | -1  | W | 2            | bc | 52 | 52    | 6    | 4000 | Nb        | 9    | -  | 9                | 0 | 1 |
| Bornholm                | ... | 1007.2                          | -1 | W   | 4            | o   | 54 | 75    | 6 | 450  | St        | 10 | 10   | Ac                              | 10 | -      | 1007.2            | -4  | W | 2            | bc | 53 | 92    | 6    | 450  | St        | 10   | -  | 10               | 0 | 1 |
| Wick                    | ... | 1006.9                          | +0 | WNW | 1            | o/r | 56 | 85    | 9 | 2500 | CuHb      | 4  | As   | 10                              | -  | 1006.9 | -2                | W   | 0 | oR           | 51 | 97 | 8     | 4000 | CuHb | 3         | As   | 10 | 0                | 4 | 4 |
| Castellbay              | ... | 1009.8                          | 0  | SW  | 3            | opr | 52 | 92    | 8 | 1500 | St        | 10 | 10   | -                               | -  | 1009.8 | -4                | SW  | 4 | opr          | 53 | 97 | 6     | 800  | Nb   | 10        | -    | 10 | 0                | 4 | 4 |
| Nairn                   | ... | 1008.8                          | 0  | SE  | 1            | o   | 59 | 75    | 8 | 4000 | Cu        | 10 | 10   | -                               | -  | 1008.8 | -1                | WNW | 1 | o            | 57 | 85 | 7     | 2500 | Nb   | 10        | -    | 10 | 0                | 0 | 0 |
| Aberdeen                | ... | 1008.8                          | 0  | SE  | 1            | o   | 59 | 75    | 8 | 4000 | Cu        | 10 | 10   | -                               | -  | 1008.8 | -1                | WNW | 1 | o            | 57 | 85 | 7     | 2500 | Nb   | 10        | -    | 10 | 0                | 0 | 0 |
| Malin Head              | ... | 1011.0                          | -0 | W   | 4            | o   | 58 | 85    | 8 | 5700 | StCu      | 9  | -    | 9                               | -  | 1011.0 | -3                | SW  | 3 | o            | 58 | 97 | 6     | 5700 | Nb   | 7         | As   | 10 | 2                | 2 | 2 |
| Benbow                  | ... | 1011.1                          | 0  | WSW | 4            | o   | 58 | 65    | 8 | 4000 | StCu      | 9  | -    | 9                               | -  | 1011.1 | -3                | WSW | 4 | o            | 58 | 85 | 8     | 2500 | St   | 4         | As   | 10 | 3                | 3 | 3 |
| Edinburgh (Inchkeith)   | ... | 1009.7                          | 0  | W   | 4            | o   | 58 | 75    | 8 | -    | Cu        | 6  | As   | 10                              | -  | 1009.7 | -1                | WSW | 4 | o            | 58 | 85 | 8     | 5700 | StCu | 7         | As   | 10 | 0                | 0 | 0 |
| Leuchars                | ... | 1009.0                          | -0 | WNW | 3            | o   | 64 | 55    | 8 | 5700 | StCu      | 9  | -    | 10                              | -  | 1009.0 | -1                | W   | 3 | o            | 54 | 85 | 8     | 1500 | Nb   | 10        | -    | 10 | 0                | 0 | 0 |
| Balholmie               | ... | 1011.4                          | 0  | WIS | 4            | o   | 59 | 65    | 8 | 4000 | StCu      | 10 | -    | 10                              | -  | 1011.4 | 0                 | W   | 1 | c            | 61 | 65 | 7     | 4000 | StCu | 8         | -    | 8  | 0                | 0 | 0 |
| Tysemouth               | ... | 1010.5                          | 0  | W   | 1            | c   | 63 | 65    | 7 | 4000 | StCu      | 8  | -    | 8                               | -  | 1010.5 | 0                 | W   | 1 | c            | 61 | 65 | 7     | 4000 | StCu | 8         | -    | 8  | 0                | 0 | 0 |
| Blackad Point           | ... | 1012.3                          | -1 | N   | 4            | o   | 60 | 92    | 8 | -    | -         | -  | -    | 9                               | -  | 1012.3 | 0                 | WNW | 4 | o            | 60 | 92 | 8     | 1500 | St   | 10        | -    | 10 | 0                | 6 | 6 |
| Donaghadee              | ... | 1013.5                          | 0  | SSW | 1            | bc  | 63 | 75    | 8 | 1500 | St        | 6  | -    | 6                               | -  | 1013.5 | -3                | SSW | 1 | o            | 60 | 85 | 8     | 1500 | St   | 10        | -    | 10 | 0                | 3 | 3 |
| Rirt Castle             | ... | 1014.1                          | 0  | SW  | 1            | o   | 62 | 75    | 7 | 4000 | StCu      | 9  | -    | 9                               | -  | 1014.1 | 0                 | SW  | 2 | o            | 64 | 85 | 6     | 2500 | Nb   | 10        | -    | 10 | 0                | 3 | 3 |
| Holyhead                | ... | 1015.1                          | 0  | WSW | 4            | b   | 61 | 65    | 9 | 4000 | Cu        | 1  | CiSt | 3                               | 0  | 1015.1 | -3                | WSW | 4 | o            | 57 | 85 | 9     | 4000 | StCu | 10        | -    | 10 | 0                | 3 | 3 |
| Liverpool (Bidston)     | ... | 1014.3                          | -1 | W   | 2            | bc  | 60 | 65    | 8 | 4000 | StCu      | 3  | CiSt | 4                               | 0  | 1014.3 | -2                | NW  | 1 | c            | 59 | 75 | 9     | -    | 0    | Ac        | 7    | 3  | 3                | 3 |   |
| Chester (Shotwick)      | ... | 1014.4                          | -0 | NW  | 4            | o   | 62 | 75    | 8 | 1500 | Cu        | 9  | -    | 9                               | 0  | 1014.4 | -3                | WNW | 3 | c            | 62 | 75 | 8     | 4000 | StCu | 4         | Ci   | 8  | 0                | 0 | 0 |
| Spurn Head              | ... | 1013.0                          | 0  | W   | 2            | c   | 63 | 65    | 8 | 4000 | Cu        | 6  | Ci   | 8                               | -  | 1013.0 | -1                | WNW | 4 | o            | 63 | 75 | 6     | -    | 0    | CiSt      | 10   | 1  | 1                | 1 |   |
| Harborough (Edgworth)   | ... | 1014.5                          | 0  | W   | 3            | bc  | 64 | 85    | 8 | 5700 | Cu        | 4  | Ci   | 6                               | 1  | 1014.5 | -2                | SW  | 4 | b            | 64 | 75 | 8     | 5700 | St   | 1         | Ci   | 3  | 0                | 0 | 0 |
| Nottingham              | ... | 1013.8                          | +1 | W   | 3            | bc  | 65 | 65    | 8 | 2500 | Cu        | 4  | Ci   | 6                               | -  | 1013.8 | -2                | W   | 3 | bc           | 67 | 65 | 8     | 4000 | Cu   | 1         | CiSt | 7  | 0                | 0 | 0 |
| Cranwell                | ... | 1013.9                          | +1 | W   | 3            | bc  | 65 | 65    | 7 | 4000 | Cu        | 5  | -    | 5                               | 0  | 1013.9 | -2                | WSW | 2 | c            | 67 | 55 | 8     | -    | 0    | Ac        | 4    | 1  | 1                | 1 |   |
| Gorleston               | ... | 1014.0                          | +2 | WNW | 2            | c   | 64 | 55    | 6 | 4000 | Cu        | 7  | -    | 7                               | -  | 1014.0 | 0                 | SE  | 3 | bc           | 62 | 75 | 6     | -    | 0    | Ac        | 4    | 1  | 1                | 1 |   |
| Valencia (Oshirovee)    | ... | 1015.6                          | +1 | SWW | 3            | o   | 62 | 92    | 6 | 450  | St        | 10 | -    | 10                              | 1  | 1015.6 | -1                | WSW | 3 | o            | 61 | 97 | 6     | 450  | St   | 10        | -    | 10 | 0                | 0 | 0 |
| Rosetta Point           | ... | 1015.4                          | 0  | E   | 1            | o   | 58 | 37    | 5 | 800  | St        | 10 | -    | 10                              | -  | 1015.4 | -2                | SW  | 3 | o            | 62 | 97 | 8     | 2500 | StCu | 10        | -    | 10 | 0                | 0 | 0 |
| Pembroke (St. Ann's H.) | ... | 1016.4                          | 0  | SSW | 1            | c   | 59 | 75    | 8 | 4000 | Cu        | 7  | -    | 7                               | -  | 1016.4 | -2                | SSW | 3 | o            | 59 | 85 | 8     | 2500 | StCu | 10        | -    | 10 | 0                | 3 | 3 |
| Rose-on-Wye             | ... | 1014.5                          | 0  | WNW | 2            | bc  | 68 | 55    | 9 | 5700 | Cu        | 3  | Ci   | 6                               | 0  | 1014.5 | -2                | SWW | 3 | b            | 70 | 55 | 8     | 5700 | StCu | 2         | Ac   | 6  | 0                | 0 | 0 |
| Benson                  | ... | 1014.6                          | -0 | WSW | 3            | c   | 73 | 55    | 9 | -    | Cu        | 4  | Ci   | 7                               | 0  | 1014.6 | -2                | WSW | 2 | b            | 71 | 92 | 8     | -    | 0    | Ci        | 3    | 0  | 0                | 0 |   |
| Andover                 | ... | 1014.7                          | +0 | W   | 3            | c   | 71 | 55    | 8 | 4000 | Cu        | 2  | Ci   | 7                               | 0  | 1014.7 | -1                | W   | 4 | bc           | 72 | 55 | 8     | 4000 | Cu   | 1         | Ci   | 5  | 0                | 0 | 0 |
| S. Farnborough          | ... | 1014.7                          | 0  | W   | 2            | c   | 75 | 45    | 8 | 4000 | Cu        | 2  | Ci   | 7                               | 0  | 1014.7 | -1                | W   | 4 | bc           | 74 | 45 | 9     | -    | 0    | Ci        | 6    | 0  | 0                | 0 | 0 |
| London (Kew Obs.)       | ... | 1014.9                          | +0 | NW  | 2            | c   | 69 | 55    | 8 | 5700 | Cu        | 1  | Ci   | 7                               | 0  | 1014.9 | -3                | WNW | 2 | b            | 74 | 45 | 8     | 4000 | Cu   | 1         | Ci   | 3  | 0                | 0 | 0 |
| Croydon                 | ... | 1014.7                          | 0  | NW  | 2            | c   | 69 | 55    | 8 | 4000 | Cu        | 2  | CiSt | 8                               | 0  | 1014.7 | -1                | SW  | 3 | bc           | 70 | 65 | 8     | 4000 | Cu   | 1         | Ci   | 6  | 0                | 0 | 0 |
| Ordnance-on-Sea         | ... | 1013.5                          | -1 | SE  | 3            | bc  | 67 | 65    | 7 | 4000 | Cu        | 2  | Ac   | 4                               | 0  | 1013.5 | -2                | SE  | 3 | bc           | 67 | 65 | 7     | 4000 | Cu   | 2         | Ac   | 4  | 0                | 0 | 0 |
| Shoeburyness            | ... | 1014.5                          | +1 | NNW | 2            | b   | 70 | 45    | 8 | -    | -         | 0  | Ac   | 3                               | -  | 1014.5 | -2                | W   | 1 | b            | 73 | 45 | 8     | -    | 0    | Ac        | 3    | 0  | 0                | 0 | 0 |
| Grain                   | ... | 1014.8                          | +1 | NW  | 4            | b   | 70 | 45    | 7 | 4000 | Cu        | 1  | Ci   | 2                               | 0  | 1014.8 | -1                | SW  | 4 | c            | 71 | 55 | 8     | 4000 | Cu   | 1         | Ci   | 7  | 0                | 0 | 0 |
| Lymington               | ... | 1014.6                          | 0  | NNW | 3            | bc  | 71 | 45    | 8 | 4000 | Cu        | 5  | -    | 5                               | 0  | 1014.6 | -1                | W   | 4 | c            | 65 | 65 | 8     | -    | 0    | CiSt      | 7    | 0  | 0                | 0 | 0 |
| Bally (St. Mary's)      | ... | 1017.3                          | 0  | W   | 2            | bc  | 65 | 92    | 3 | 1500 | St        | 10 | -    | 10                              | -  | 1017.3 | 0                 | W   | 3 | bc           | 63 | 92 | 4     | 1500 | St   | 10        | -    | 10 | 0                | 3 | 3 |
| Plymouth (Pendennis)    | ... | 1017.9                          | 0  | W   | 3            | o   | 68 | 75    | 8 | 4000 | StCu      | 10 | -    | 10                              | -  | 1017.9 | -1                | W   | 3 | bc           | 64 | 85 | 7     | 1500 | St   | 10        | -    | 10 | 0                | 0 | 0 |
| Plymouth (Cattewater)   | ... | 1016.5                          | 0  | SSW | 4            | o   | 64 | 85    | 7 | 4000 | Nb        | 9  | -    | 9                               | 0  | 1016.5 | -1                | SW  | 2 | bc           | 61 | 85 | 7     | 1500 | St   | 10        | -    | 10 | 0                | 0 | 0 |
| Portland Bill           | ... | 1016.0                          | +2 | WIN | 3            | bc  | 63 | 85    | 7 | -    | -         | 0  | Ci   | 4                               | 0  | 1016.0 | -1                | SW  | 3 | bc           | 62 | 85 | 7     | -    | 0    | Ac        | 6    | 3  | 3                | 3 |   |
| Southampton (Calshot)   | ... | 1015.6                          | 0  | SW  | 5            | b   | 63 | 65    | 8 | 4000 | Cu        | 1  | Ci   | 3                               | 0  | 1015.6 | -1                | SW  | 5 | b            | 65 | 75 | 8     | -    | 0    | Ac        | 2    | 3  | 3                | 3 |   |
| Dungeness               | ... | 1014.0                          | +1 | WSW | 4            | bc  | 66 | 65    | 8 | 4000 | Cu        | 5  | -    | 5                               | -  | 1014.0 | 0                 | WSW | 4 | bc           | 63 | 75 | 8     | -    | 0    | Ci        | 4    | 4  | 4                | 4 |   |
| Jersey                  | ... | 1016.8                          | 0  | W   | 3            | bc  | 68 | 65    | 7 | 4000 | StCu      | 4  | Ci   | 5                               | -  | 1016.8 | -2                | W   | 3 | o            | 65 | 75 | 8     | 4000 | StCu | 10        | -    | 10 | 0                | 0 | 0 |
| Guernsey                | ... | 1018.2                          | 0  | WIN | 2            | bc  | 66 | 75    | 8 | -    | -         | -  | -    | -                               | -  | 1018.2 | 0                 | W   | 2 | o            | 65 | 85 | 8     | 5700 | StCu | 10        | -    | 10 | 0                | 0 | 0 |

| LONDON OBSERVATIONS. |     |     |     |     |     |     |     |     |     | WEATHER.                        |     |     |     |     |     |     |     |     |     | TEMPERATURE.                    |     |     |     |     |     |     |     |     |     | HUMIDITY.                       |     |     |     |     |     |     |     |     |     | ATMOSPHERIC POLLUTION.          |     |     |     |     |     |     |     |     |     | POLE STAR RECORD at Greenwich Obsy. |     |     |     |     |     |     |     |     |     |                                 |     |     |     |     |     |     |     |     |     |                             |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
|                      |     |     |     |     |     |     |     |     |     | Morning.                        |     |     |     |     |     |     |     |     |     | Afternoon.                      |     |     |     |     |     |     |     |     |     | Night.                          |     |     |     |     |     |     |     |     |     | Max. Min. M.S.L.                |     |     |     |     |     |     |     |     |     | 15h. 9h. G.M.T. G.M.T.              |     |     |     |     |     |     |     |     |     | 24 HR. ended 1800 G.M.T.        |     |     |     |     |     |     |     |     |     | Exposure from 24h. 21. 15m. |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |
|                      |     |     |     |     |     |     |     |     |     | 24 HOURS ENDED 0000 G.M.T. 25th |     |     |     |     |     |     |     |     |     | 24 HOURS ENDED 0000 G.M.T. 25th |     |     |     |     |     |     |     |     |     | 24 HOURS ENDED 0000 G.M.T. 25th |     |     |     |     |     |     |     |     |     | 24 HOURS ENDED 0000 G.M.T. 25th |     |     |     |     |     |     |     |     |     | 24 HOURS ENDED 0000 G.M.T. 25th     |     |     |     |     |     |     |     |     |     | 24 HOURS ENDED 0000 G.M.T. 25th |     |     |     |     |     |     |     |     |     |                             |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |
| Kew                  | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...                             | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...                             | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...                             | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...                             | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...                                 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...                             | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...                         | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...</ |

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

POLE STAR RECORD at Greenwich Obs.  
 Exposure from 24h 21 15  
 25h 02 45  
 10. 02 45  
 Stars. Expo. Record.  
 h. m. h. m. %  
 Polaris 530 256 53  
 3 Uranus 530 234 47  
 Minoris

ATMOSPHERIC POLLUTION.  
 Milligrams of solid impurity per cubic metre.  
 24 Hr. ended 1800 G.M.T. 24h  
 South Kensington  
 Max. Time Min. Time  
 0.3 7h 23m 0.3 24h 23m  
 0.4 7h 24m

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

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.  
 25th July, 1923.  
 STATIONS. Sunrise. Noon. Sunset.  
 G.M.T. G.M.T. G.M.T.  
 Yarmouth 4.3 11.53 4.54  
 4.4 11.53 4.53  
 Greenwich 4.14 12.6 4.53  
 4.16 12.6 4.56  
 Wick 3.43 12.13 4.4  
 3.51 12.13 4.45  
 Valencia 4.54 12.47 4.41  
 4.55 12.47 4.40

LONDON OBSERVATIONS.  
 24 HOURS ENDED 0900 G.M.T. 25th  
 Kew 1006.5 1006.5 1006.5  
 Croydon 1006.5 1006.5 1006.5  
 Greenwich (Royal Obs.) 1006.5 1006.5 1006.5  
 Chis (Bunhill Row) 1006.5 1006.5 1006.5  
 Westminster (St. James' Pk.) 1006.5 1006.5 1006.5  
 Regent's Pk. (Botanic Garden) 1006.5 1006.5 1006.5



| STATIONS.               | SUMMARY FOR THE PAST 24 HOURS. |                  |                  |                 |              |                |                      |                 |                    |                         | SUM.<br>24h.<br>Hours. | ISALLOGRAMS<br>POSITION NUMBERS |
|-------------------------|--------------------------------|------------------|------------------|-----------------|--------------|----------------|----------------------|-----------------|--------------------|-------------------------|------------------------|---------------------------------|
|                         | WEATHER.                       |                  |                  |                 | TEMPERATURE. |                |                      | RAINFALL.       |                    |                         |                        |                                 |
|                         | 7h-12h.<br>24h.                | 12h-18h.<br>24h. | 18h-24h.<br>24h. | 24h-7h.<br>24h. | MAX.<br>Day. | MIN.<br>Night. | MIN.<br>on<br>Grass. | Day.<br>7h-12h. | Night.<br>12h-18h. | Precipitation<br>began. |  |  | Precipitation ended. |
| Lerwick                 | bc                             | c                | ond              | omr             | 54           | 48             | .                    | Trace           | 6                  | 4080                    | 21.00                  | 1.9                             |
| Stornoway               | p                              | r                | op               | op              | 54           | 49             | .                    | 4               | 2                  | 4080                    | 21.00                  | 0.9                             |
| Wick                    | idir                           | RR               | op               | op              | 54           | 52             | .                    | 1               | Trace              | 430                     | -                      | 0.1                             |
| Castlebay               | op                             | op               | op               | op              | 54           | 52             | .                    | 0.6             | 1                  | 1530                    | -                      | 0.0                             |
| Nairn                   | op                             | op               | op               | op              | 54           | 52             | .                    | 1               | 1                  | 4080                    | 21.00                  | 1.4                             |
| Aberdeen                | copo                           | oio              | orbc             | com             | 54           | 48             | 38                   | 1               | 1                  | -                       | -                      | -                               |
| Malin Head              | bov                            | oio              | omd              | com             | 53           | 55             | .                    | 0.2             | 0.4                | 1630                    | 21.00                  | 0.2                             |
| Renfrew                 | bcoc                           | oio              | omd              | om              | 52           | 53             | 53                   | 0.4             | Trace              | 1630                    | 21.00                  | 3.1                             |
| Edinburgh (Inchkeith)   | c                              | oio              | id               | obc             | 53           | 53             | 52                   | Trace           | 1                  | 1730                    | 21.00                  | 4.0                             |
| Leuchars                | oboy                           | oio              | op               | obbc            | 56           | 52             | 41                   | 0.3             | 0.1                | 1730                    | 21.00                  | 3.4                             |
| Blackdunmill            | beco                           | oio              | op               | obbc            | 62           | 51             | 50                   | Trace           | 0.3                | 1730                    | 21.00                  | 5.6                             |
| Tynemouth               | c                              | c                | oio              | com             | 63           | 56             | 52                   | -               | 1                  | -                       | 22.00                  | -                               |
| Blackad Point           | c                              | o                | p                | p               | 61           | 53             | .                    | -               | 5                  | -                       | -                      | -                               |
| Dunghadue               | c                              | bcv              | p                | or              | 65           | 58             | .                    | -               | 1                  | -                       | 01.30                  | -                               |
| Birr Castle             | co                             | oc               | co               | crx             | 66           | 58             | 56                   | -               | 1                  | -                       | -                      | 1.5                             |
| Holyhead                | cbcbv                          | bcv              | off              | oio             | 62           | 56             | 56                   | -               | 4                  | -                       | 24.00                  | 10.2                            |
| Liverpool (Bidston)     | cbcb                           | cbcb             | p                | p               | 63           | 56             | 54                   | -               | 1                  | -                       | 03.30                  | 6.9                             |
| Chester (Shotwick)      | oo                             | acc              | coo              | oio             | 65           | 59             | 54                   | -               | 1                  | -                       | 03.30                  | 6.6                             |
| Spurn Head              | c                              | cco              | oo               | oro             | 64           | 57             | 56                   | -               | 2                  | -                       | 01.30                  | 5.5                             |
| Birmingham (Edgbaston)  | cbcb                           | bcv              | bcv              | owr             | 70           | 58             | 56                   | -               | Trace              | -                       | 05.30                  | 8.4                             |
| Nottingham              | c                              | c                | co               | or              | 69           | 58             | 56                   | -               | 0.6                | -                       | 04.30                  | 5.4                             |
| Cranwell                | c                              | c                | oo               | oro             | 68           | 57             | 54                   | -               | 0.1                | -                       | 02.30                  | 10.6                            |
| Gorleston               | oc                             | cbcb             | c                | copr            | 69           | 57             | 53                   | -               | Trace              | -                       | 06.30                  | 3.5                             |
| Valencia (Cahiroreen)   | omd                            | om               | omr              | oio             | 63           | 59             | 54                   | 0.6             | 1                  | 09.00                   | 21.00                  | 2.0                             |
| Boches Point            | ome                            | offo             | oc               | cor             | 64           | 56             | .                    | -               | 0.3                | -                       | 05.30                  | -                               |
| Pembroke (St. Ann's H.) | b-bc                           | o                | offo             | o               | 61           | 54             | .                    | -               | -                  | -                       | -                      | 4.6                             |
| Ross-on-Wye             | bcvy                           | bcvy             | bcvy             | bcvy            | 73           | 60             | 54                   | -               | -                  | -                       | -                      | 13.1                            |
| Benson                  | bec                            | bc               | bcv              | o               | 77           | 60             | 49                   | -               | -                  | -                       | -                      | -                               |
| Andover                 | bbcy                           | cybcy            | bcyc             | add             | 74           | 59             | 54                   | -               | Trace              | -                       | 06.30                  | 13.5                            |
| S. Farnborough          | cy                             | cybcy            | oco              | ajbc            | 79           | 58             | 55                   | -               | -                  | -                       | -                      | 14.6                            |
| London (Kew Obs.)       | bcy                            | bcy              | bybo             | oo              | 76           | 60             | 56                   | -               | -                  | -                       | -                      | 14.2                            |
| Croydon                 | bcyc                           | cybc             | cbwbc            | bcv             | 75           | 58             | 50                   | -               | -                  | -                       | -                      | 14.3                            |
| Clacton-on-Sea          | bcy                            | bcy              | bcyc             | ccc             | 73           | 60             | 56                   | -               | -                  | -                       | -                      | 12.1                            |
| Shoeburyness            | bbv                            | by               | bybc             | o               | 75           | 61             | 57                   | -               | -                  | -                       | -                      | 13.5                            |
| Grain                   | bbcbv                          | bybc             | cbwbc            | oo              | 74           | 61             | 53                   | -               | -                  | -                       | -                      | 13.8                            |
| Lympne                  | cbcbv                          | bbcbv            | cbwbc            | bcv             | 73           | 54             | 50                   | -               | Trace              | -                       | 06.30                  | 13.4                            |
| Scilly (St. Mary's)     | omic                           | ifo              | ifo              | ifom            | 64           | 58             | .                    | -               | 0.3                | -                       | 21.00                  | 0.0                             |
| Falmouth (Pendennis)    | bcc                            | bcv              | omcd             | ccwbc           | 66           | 60             | .                    | -               | -                  | -                       | -                      | 0.8                             |
| Plymouth (Cattewater)   | bo                             | admf             | admf             | od              | 64           | 60             | 58                   | Trace           | 0.2                | 1730                    | 21.00                  | 6.9                             |
| Portland Bill           | b-bc                           | b-bc             | fim              | o               | 64           | 53             | .                    | -               | -                  | -                       | -                      | -                               |
| Southampton (Calshot)   | b-bc                           | bb               | c                | god             | 70           | 61             | 61                   | -               | Trace              | -                       | 06.30                  | 13.2                            |
| Dungeness               | b-bc                           | b-bc             | bbc              | fim             | 70           | 60             | .                    | -               | -                  | -                       | -                      | -                               |
| Jersey                  | obcbv                          | bcv              | o                | offe            | 69           | 60             | .                    | -               | -                  | -                       | -                      | 4.4                             |
| Guernsey                | b-bc                           | b-bc             | r-d              | b               | 68           | 60             | .                    | -               | Trace              | -                       | 22.00                  | -                               |

| Position | Date and Time | Steamship | Wind | Weather | Temp. |    |
|----------|---------------|-----------|------|---------|-------|----|
|          |               |           | Dir. | Force   | Air   |    |
| 2        | 24th 10h      | Anglia    | WNW  | 4       | bc    | 59 |
| 1        | 24th 11h      | Reindeer  | WNW  | 3       | b/r   | 65 |

Observations from Cross Channel Steamers.

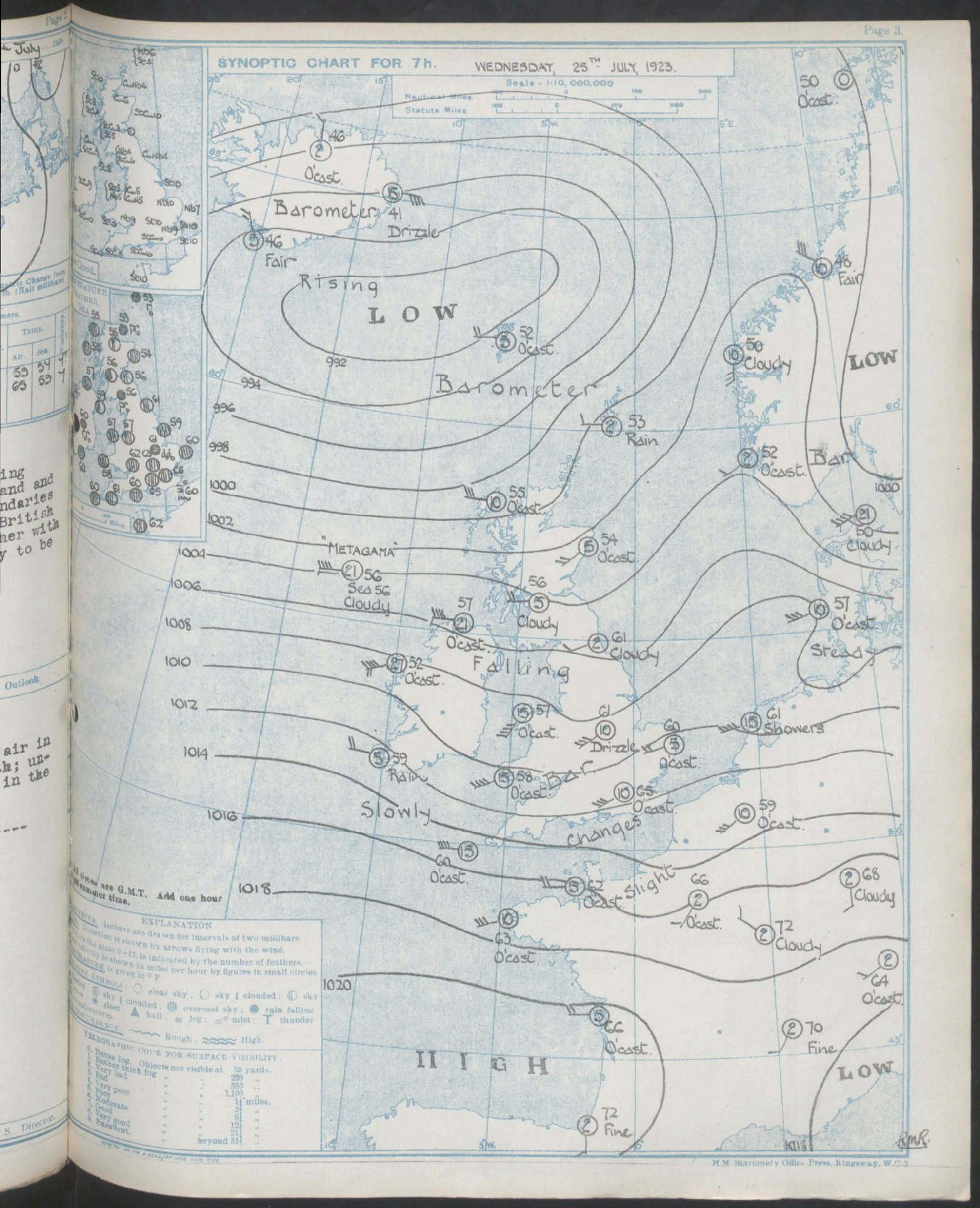
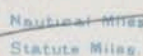
GENERAL INFERENCE.

A depression is passing eastwards between Scotland and Iceland and slight secondaries are indicated over the British Isles. Unsettled weather with westerly winds is likely to be maintained.

| Districts                 | Forecast for the 24 hours commencing 15h. G.M.T. Wednesday, 25th July, 1923.                                                                                            | Further Outlook.                                  |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| 1. S.E. England           | Westerly winds, fresh to strong at times; mainly cloudy, some bright periods; occasional rain or drizzle; slight mist at times; some coastal fog; moderate temperature. | Mainly fair in the South; unsettled in the North. |
| 2. E. England             |                                                                                                                                                                         |                                                   |
| 3. E. Midlands            |                                                                                                                                                                         |                                                   |
| 4. W. Midlands            |                                                                                                                                                                         |                                                   |
| 5. S.W. England           | As 1 - 2.                                                                                                                                                               |                                                   |
| 6. South Wales            |                                                                                                                                                                         |                                                   |
| 7. North Wales            |                                                                                                                                                                         |                                                   |
| 8. N.W. England           |                                                                                                                                                                         |                                                   |
| 9. N. Midlands            | As 3 - 4.                                                                                                                                                               |                                                   |
| 10. N.E. England          |                                                                                                                                                                         |                                                   |
| 11. E. Scotland           |                                                                                                                                                                         |                                                   |
| 12. S.W. Scotland         |                                                                                                                                                                         |                                                   |
| 13. Isle of Man           | As 1 - 2.                                                                                                                                                               |                                                   |
| 14. N. & N.W. Scotland    |                                                                                                                                                                         |                                                   |
| 15. Hebrides              |                                                                                                                                                                         |                                                   |
| 16. Orkneys and Shetlands |                                                                                                                                                                         |                                                   |
| 17. N.W. Ireland          | As 1 - 2.                                                                                                                                                               |                                                   |
| 18. N.E. Ireland          |                                                                                                                                                                         |                                                   |
| 19. S.E. Ireland          |                                                                                                                                                                         |                                                   |
| 20. S.W. Ireland          |                                                                                                                                                                         |                                                   |





"METAGAMA"

21 56  
Sea 56  
Cloudy

## Falling

Slowly.

changes

slight

II I G H

LOW

EXPLANATION

Pressure is shown by arrows flying with the wind.  
The scale 0-12, is indicated by the number of feathers.  
Velocity is shown in miles per hour by figures in small circles  
Temperature is given in a P

☁ sky ☁ clear sky. ☁ sky ☁ clouded. ☁ sky  
 ☁ fleet ☁ clouded. ☁ overcast sky. ☁ rain falling  
 ☁ hail ☁ = fog ☁ = mist ☁ thunder  
 ☁ Rough. ☁ High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY

| COVE FOR SURFACE VISIBILITY |                        |           |              |
|-----------------------------|------------------------|-----------|--------------|
|                             | Objects not visible at | 50 yards. |              |
| 1. Dense fog.               |                        | 220       |              |
| 2. Rather thick fog         |                        | 550       |              |
| 3. Very bad                 |                        | 1,100     |              |
| 4. Bad                      | 25                     |           | 1 1/2 miles. |
| 5. Very poor                | 25                     |           | 3/4          |
| 6. Poor                     | 25                     |           | 1/2          |
| 7. Moderate                 | 25                     |           | 1/4          |
| 8. Good                     | 25                     |           | 1/8          |
| 9. Very good                | 25                     |           | 1/16         |
| 10. Excellent.              | 25                     |           | 1/32         |
|                             |                        | beyond 31 |              |



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION... Wednesday, 25th July 1923.

No. 206.

| STATIONS.               | Height above M.S.L. in feet. | Observations at 0100 G.M.T. 25th |                    |        |       |          |           |             |                 |              |            |             |            | Observations at 0700 G.M.T. 25th |                    |        |       |          |           |             |                 |              |            |             |            |        |    |     |   |    |    |    |   |      |      |    |     |
|-------------------------|------------------------------|----------------------------------|--------------------|--------|-------|----------|-----------|-------------|-----------------|--------------|------------|-------------|------------|----------------------------------|--------------------|--------|-------|----------|-----------|-------------|-----------------|--------------|------------|-------------|------------|--------|----|-----|---|----|----|----|---|------|------|----|-----|
|                         |                              | Barom. at M.S.L.                 | Change in 3 Hours. | Wind.  |       | Weather. | Temp. °F. | Humidity. % | Visibility. 0-3 | Cloud.       |            |             |            | Barom. at M.S.L.                 | Change in 3 Hours. | Wind.  |       | Weather. | Temp. °F. | Humidity. % | Visibility. 0-3 |              |            |             |            |        |    |     |   |    |    |    |   |      |      |    |     |
|                         |                              |                                  |                    | Direc. | Force |          |           |             |                 | Height. Feet | Cloud.     |             |            |                                  |                    | Direc. | Force |          |           |             |                 |              |            |             |            |        |    |     |   |    |    |    |   |      |      |    |     |
|                         |                              |                                  |                    |        |       |          |           |             |                 |              | Low. Form. | Upper Form. | Total Amt. |                                  |                    |        |       |          |           |             |                 | Height. Feet | Low. Form. | Upper Form. | Total Amt. |        |    |     |   |    |    |    |   |      |      |    |     |
|                         |                              | m.b.                             |                    | 0-12   |       |          |           |             |                 | 0-10         | 0-10       | 0-10        | m.b.       |                                  | 0-12               |        |       |          |           |             | 0-10            | 0-10         | 0-10       |             |            |        |    |     |   |    |    |    |   |      |      |    |     |
| Lerwick                 | 54                           | 1004.4                           | -2                 | S      | 1     | od       | 43        | 94          | 6               | 4000         | Nb         | 10          | -          | 1000.9                           | -2                 | W      | 1     | or       | 53        | 94          | 6               | 2500         | Nb         | 10          | -          | 1000.9 | -2 | W   | 1 | or | 53 | 94 | 6 | 2500 | Nb   | 10 | -   |
| Sornoway                | 51                           | 1002.5                           | 0                  | SW     | 3     | C        | 52        | 92          | 8               | 4000         | CuNb       | 6           | ASr        | 1000.7                           | -2                 | SW     | 1     | or       | 53        | 92          | 8               | 2500         | CuNb       | 4           | ASr        | 1000.7 | -2 | SW  | 1 | or | 53 | 92 | 8 | 2500 | CuNb | 4  | ASr |
| Wick                    | 81                           | 1001.4                           | -3                 | SSW    | 3     | 0        | 52        | 92          | 8               | 4000         | CuNb       | 6           | ASr        | 1000.7                           | -2                 | SSW    | 1     | or       | 53        | 92          | 8               | 2500         | CuNb       | 4           | ASr        | 1000.7 | -2 | SSW | 1 | or | 53 | 92 | 8 | 2500 | CuNb | 4  | ASr |
| Castlebay               | 37                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .            | .          | .           | .          | 1002.3                           | -1                 | WNW    | 4     | or       | 53        | 92          | 8               | 1500         | Str        | 10          | -          | 1002.3 | -1 | WNW | 4 | or | 53 | 92 | 8 | 1500 | Str  | 10 | -   |
| Nairn                   | 82                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .            | .          | .           | .          | 1000.4                           | .                  | .      | 0     | bc       | 54        | 92          | 8               | 4000         | Cu         | 6           | -          | 1000.4 | .  | .   | 0 | bc | 54 | 92 | 8 | 4000 | Cu   | 6  | -   |
| Aberdeen                | 46                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .            | .          | .           | .          | 1002.3                           | -2                 | SW     | 2     | 0        | 54        | 92          | 8               | 4000         | Str        | 10          | -          | 1002.3 | -2 | SW  | 2 | 0  | 54 | 92 | 8 | 4000 | Str  | 10 | -   |
| Malin Head              | 71                           | 1006.1                           | -1                 | WSW    | 4     | or       | 57        | 94          | 8               | 4000         | Cu         | 8           | -          | 1004.7                           | -1                 | W      | 5     | 0        | 57        | 94          | 8               | 500          | Str        | 10          | -          | 1004.7 | -1 | W   | 5 | 0  | 57 | 94 | 8 | 500  | Str  | 10 | -   |
| Renfrew                 | 49                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .            | .          | .           | .          | 1004.5                           | -1                 | W      | 2     | 0        | 57        | 94          | 8               | 1500         | Str        | 10          | -          | 1004.5 | -1 | W   | 2 | 0  | 57 | 94 | 8 | 1500 | Str  | 10 | -   |
| Edinburgh (Inchkeith)   | 190                          | 1006.0                           | -2                 | WNW    | 3     | or       | 54        | 94          | 4               | -            | Str        | 4           | ASr        | 1003.6                           | -2                 | WSW    | 4     | bc       | 54        | 94          | 8               | -            | 0          | -           | AGu        | 1003.6 | -2 | WSW | 4 | bc | 54 | 94 | 8 | -    | 0    | -  | AGu |
| Leuchars                | 36                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .            | .          | .           | .          | 1002.9                           | -3                 | WSW    | 2     | bc       | 53        | 92          | 8               | 2500         | Str        | 10          | -          | 1002.9 | -3 | WSW | 2 | bc | 53 | 92 | 8 | 2500 | Str  | 10 | -   |
| Bokdalemuir             | 794                          | .                                | .                  | .      | .     | .        | .         | .           | .               | .            | .          | .           | .          | 1005.2                           | -2                 | W      | 3     | or       | 56        | 94          | 8               | 1500         | Str        | 10          | -          | 1005.2 | -2 | W   | 3 | or | 56 | 94 | 8 | 1500 | Str  | 10 | -   |
| Tynemouth               | 118                          | 1007.3                           | -2                 | WSW    | 2     | 0        | 58        | 85          | 4               | 4000         | Str        | 10          | -          | 1005.5                           | -1                 | WSW    | 1     | 0        | 58        | 85          | 4               | 2500         | CuNb       | 4           | -          | 1005.5 | -1 | WSW | 1 | 0  | 58 | 85 | 4 | 2500 | CuNb | 4  | -   |
| Blackpool Point         | 10                           | 1002.3                           | -1                 | WSW    | 6     | ffo      | 59        | 92          | 3               | -            | -          | -           | -          | 1003.4                           | 0                  | WSW    | 6     | or       | 59        | 92          | 3               | 1500         | Str        | 10          | -          | 1003.4 | 0  | WSW | 6 | or | 59 | 92 | 3 | 1500 | Str  | 10 | -   |
| Donaghadee              | 35                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .            | .          | .           | .          | 1004.5                           | -1                 | SSW    | 2     | bc       | 59        | 92          | 3               | 4000         | Str        | 10          | -          | 1004.5 | -1 | SSW | 2 | bc | 59 | 92 | 3 | 4000 | Str  | 10 | -   |
| Birr Castle             | 175                          | .                                | .                  | .      | .     | .        | .         | .           | .               | .            | .          | .           | .          | 1005.1                           | .                  | SW     | 2     | or       | 59        | 92          | 3               | 1500         | Str        | 10          | -          | 1005.1 | .  | SW  | 2 | or | 59 | 92 | 3 | 1500 | Str  | 10 | -   |
| Holyhead                | 26                           | 1010.3                           | -1                 | SW     | 4     | or       | 57        | 94          | 8               | 1500         | Str        | 10          | -          | 1008.9                           | -1                 | SW     | 4     | or       | 57        | 94          | 8               | 450          | Str        | 10          | -          | 1008.9 | -1 | SW  | 4 | or | 57 | 94 | 8 | 450  | Str  | 10 | -   |
| Liverpool (Bidston)     | 189                          | .                                | .                  | .      | .     | .        | .         | .           | .               | .            | .          | .           | .          | 1008.1                           | -2                 | WSW    | 3     | or       | 57        | 94          | 8               | 1500         | Cu         | 6           | -          | 1008.1 | -2 | WSW | 3 | or | 57 | 94 | 8 | 1500 | Cu   | 6  | -   |
| Chester (Shotwick)      | 16                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .            | .          | .           | .          | 1008.4                           | -1                 | SW     | 3     | or       | 57        | 94          | 8               | 2500         | Nb         | 8           | -          | 1008.4 | -1 | SW  | 3 | or | 57 | 94 | 8 | 2500 | Nb   | 8  | -   |
| Spinn Head              | 26                           | 1010.5                           | -1                 | WSW    | 3     | od       | 53        | 94          | 6               | 1500         | Str        | 10          | -          | 1007.9                           | -2                 | SW     | 3     | or       | 53        | 94          | 6               | 1500         | Str        | 10          | -          | 1007.9 | -2 | SW  | 3 | or | 53 | 94 | 6 | 1500 | Str  | 10 | -   |
| Birmingham (Edgbaston)  | 525                          | .                                | .                  | .      | .     | .        | .         | .           | .               | .            | .          | .           | .          | 1010.1                           | -3                 | SW     | 3     | or       | 53        | 94          | 6               | 1500         | Nb         | 10          | -          | 1010.1 | -3 | SW  | 3 | or | 53 | 94 | 6 | 1500 | Nb   | 10 | -   |
| Nottingham              | 82                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .            | .          | .           | .          | 1008.5                           | -2                 | SW     | 3     | od       | 53        | 94          | 6               | 1500         | Nb         | 6           | -          | 1008.5 | -2 | SW  | 3 | od | 53 | 94 | 6 | 1500 | Nb   | 6  | -   |
| Cranwell                | 237                          | 1011.3                           | -1                 | SW     | 3     | 0        | 58        | 85          | 4               | 4000         | Str        | 10          | -          | 1008.3                           | -2                 | SW     | 3     | or       | 58        | 85          | 4               | 800          | Nb         | 10          | -          | 1008.3 | -2 | SW  | 3 | or | 58 | 85 | 4 | 800  | Nb   | 10 | -   |
| Gorleston               | 13                           | 1012.2                           | -1                 | SW     | 1     | C        | 58        | 85          | 4               | 200          | Str        | 8           | -          | 1010.2                           | -2                 | WSW    | 2     | 0        | 60        | 75          | 4               | 2500         | Nb         | 4           | -          | 1010.2 | -2 | WSW | 2 | 0  | 60 | 75 | 4 | 2500 | Nb   | 4  | -   |
| Valencia (Cahisiveen)   | 30                           | 1012.5                           | -2                 | W      | 2     | or       | 57        | 85          | 4               | -            | Str        | 10          | -          | 1012.6                           | +2                 | WN     | 2     | or       | 59        | 92          | 3               | 800          | Str        | 10          | -          | 1012.6 | +2 | WN  | 2 | or | 59 | 92 | 3 | 800  | Str  | 10 | -   |
| Roche Point             | 32                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .            | .          | .           | .          | 1011.7                           | -1                 | W      | 2     | 0        | 60        | 80          | 4               | 2500         | Str        | 10          | -          | 1011.7 | -1 | W   | 2 | 0  | 60 | 80 | 4 | 2500 | Str  | 10 | -   |
| Fenbroke (St. Ann's H.) | 149                          | 1013.6                           | -1                 | WS     | 4     | or       | 57        | 94          | 8               | 1500         | Str        | 10          | -          | 1011.7                           | -1                 | WSW    | 4     | 0        | 58        | 85          | 4               | 1500         | Str        | 10          | -          | 1011.7 | -1 | WSW | 4 | 0  | 58 | 85 | 4 | 1500 | Str  | 10 | -   |
| Ross-on-Wye             | 223                          | .                                | .                  | .      | .     | .        | .         | .           | .               | .            | .          | .           | .          | 1010.5                           | -2                 | WSW    | 4     | 0        | 58        | 85          | 4               | 2500         | Nb         | 9           | -          | 1010.5 | -2 | WSW | 4 | 0  | 58 | 85 | 4 | 2500 | Nb   | 9  | -   |
| Benson                  | 188                          | .                                | .                  | .      | .     | .        | .         | .           | .               | .            | .          | .           | .          | 1011.2                           | 0                  | SW     | 3     | 0        | 59        | 85          | 4               | 1500         | Str        | 10          | -          | 1011.2 | 0  | SW  | 3 | 0  | 59 | 85 | 4 | 1500 | Str  | 10 | -   |
| Andover                 | 295                          | .                                | .                  | .      | .     | .        | .         | .           | .               | .            | .          | .           | .          | 1012.3                           | -1                 | W      | 4     | od       | 61        | 94          | 6               | 1500         | Nb         | 10          | -          | 1012.3 | -1 | W   | 4 | od | 61 | 94 | 6 | 1500 | Nb   | 10 | -   |
| S. Farnborough          | 230                          | .                                | .                  | .      | .     | .        | .         | .           | .               | .            | .          | .           | .          | 1011.7                           | -2                 | W      | 3     | or       | 61        | 94          | 6               | 1500         | Str        | 10          | -          | 1011.7 | -2 | W   | 3 | or | 61 | 94 | 6 | 1500 | Str  | 10 | -   |
| London (Kew Obs.)       | 18                           | .                                | .                  | .      | .     | .        | 63        | .           | .               | .            | .          | .           | .          | 1011.5                           | -3                 | SW     | 3     | 0        | 60        | 85          | 4               | 1500         | Nb         | 10          | -          | 1011.5 | -3 | SW  | 3 | 0  | 60 | 85 | 4 | 1500 | Nb   | 10 | -   |
| Oxford                  | 244                          | 1013.9                           | -1                 | WS     | 2     | bc       | 64        | 45          | 8               | 4000         | Str        | 3           | AGu        | 1011.8                           | -2                 | SW     | 3     | 0        | 65        | 85          | 4               | 800          | Str        | 10          | -          | 1011.8 | -2 | SW  | 3 | 0  | 65 | 85 | 4 | 800  | Str  | 10 | -   |
| Olacon-on-Sea           | 54                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .            | .          | .           | .          | 1011.3                           | -1                 | WSW    | 3     | or       | 63        | 85          | 4               | 2500         | Str        | 10          | -          | 1011.3 | -1 | WSW | 3 | or | 63 | 85 | 4 | 2500 | Str  | 10 | -   |
| Shoeburyness            | 11                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .            | .          | .           | .          | 1011.3                           | -1                 | SW     | 2     | 0        | 64        | 85          | 4               | 800          | Str        | 10          | -          | 1011.3 | -1 | SW  | 2 | 0  | 64 | 85 | 4 | 800  | Str  | 10 | -   |
| Grain                   | 20                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .            | .          | .           | .          | 1011.5                           | -1                 | SW     | 4     | 0        | 63        | 85          | 4               | 800          | Str        | 10          | -          | 1011.5 | -1 | SW  | 4 | 0  | 63 | 85 | 4 | 800  | Str  | 10 | -   |
| Lymington               | 350                          | 1014.2                           | -1                 | W      | 3     | bc       | 54        | 85          | 4               | -            | -          | 0           | C:Str      | 1012.4                           | -1                 | WS     | 3     | od       | 61        | 94          | 2               | 1500         | Str        | 10          | -          | 1012.4 | -1 | WS  | 3 | od | 61 | 94 | 2 | 1500 | Str  | 10 | -   |
| Seilly (St. Mary's)     | 131                          | 1017.4                           | 0                  | WN     | 4     | imo      | 60        | 94          | 6               | 2500         | Str        | 10          | -          | 1016.1                           | -1                 | W      | 4     | 0        | 60        | 94          | 6               | 1500         | Str        | 10          | -          | 1016.1 | -1 | W   | 4 | 0  | 60 | 94 | 6 | 1500 | Str  | 10 | -   |
| Falmouth (Pendennis)    | 200                          | 1017.3                           | +1                 | W      | 3     | o/m      | 61        | 94          | 4               | 4000         | Str        | 10          | -          | 1015.6                           | -1                 | W      | 4     | C        | 61        | 85          | 4               | 4000         | Str        | 10          | -          | 1015.6 | -1 | W   | 4 | C  | 61 | 85 | 4 | 4000 | Str  | 10 | -   |
| Plymouth (Cattewater)   | 82                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .            | .          | .           | .          | 1014.3                           | 0                  | WSW    | 3     | or       | 61        | 85          | 4               | 450          | Str        | 10          | -          | 1014.3 | 0  | WSW | 3 | or | 61 | 85 | 4 | 450  | Str  | 10 | -   |
| Portland Bill           | 19                           | 1015.3                           | 0                  | WSW    | 2     | C        | 61        | 85          | 6               | 2500         | Str        | 8           | -          | 1013.3                           | -3                 | WSW    | 4     | or       | 60        | 92          | 3               | 2500         | Str        | 10          | -          | 1013.3 | -3 | WSW | 4 | or | 60 | 92 | 3 | 2500 | Str  | 10 | -   |
| Southampton (Cahshot)   | 12                           | 1014.6                           | -1                 | SW     | 4     | or       | 63        | 94          | 8               | 4000         | Str        | 10          | -          | 1012.8                           | -2                 | SW     | 4     | or       | 62        | 94          | 8               | 1500         | Str        | 10          | -          | 1012.8 | -2 | SW  | 4 | or | 62 | 94 | 8 | 1500 | Str  | 10 | -   |
| Dungeness               | 21                           | 1014.7                           | 0                  | WSW    | 3     | bc       | 61        | 92          | 4               | -            | -          | 0           | AGu        | 1012.6                           | -2                 | WSW    | 3     | or       | 60        | 94          | 8               | 1500         | Str        | 10          | -          | 1012.6 | -2 | WSW | 3 | or | 60 | 94 | 8 | 1500 | Str  | 10 | -   |
| Jersey                  | 25                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .            | .          | .           | .          | 1016.3                           | 0                  | W      | 3     | or       | 62        | 94          | 6               | 1500         | Str        | 10          | -          | 1016.3 | 0  | W   | 3 | or | 62 | 94 | 6 | 1500 | Str  | 10 | -   |
| Guernsey                | —                            | 1018.0                           | -1                 | W      | 5     | ffo      | 61        | 94          | 2               | 800          | Str        | 10          | -          | 1017.5                           | 0                  | W      | 3     | or       | 62        | 94          | 6               | 1500         | Str        | 10          | -          | 1017.5 | 0  | W   | 3 | or | 62 | 94 | 6 | 1500 | Str  | 10 | -   |

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

| STATIONS.          | WEATHER.  |            | TEMPERATURE. |           | RAINFALL.      |             | SUNSHINE.       |                | STATIONS.            | WEATHER.  |            | TEMPERATURE. |           | RAINFALL.      |             | Sunrise to 17h. | Sunset to 24h. |
|--------------------|-----------|------------|--------------|-----------|----------------|-------------|-----------------|----------------|----------------------|-----------|------------|--------------|-----------|----------------|-------------|-----------------|----------------|
|                    | Forenoon. | Afternoon. | Min. Night.  | Max. Day. | Night 17h-24h. | Day 8h-17h. | Sunrise to 17h. | Sunset to 24h. |                      | Forenoon. | Afternoon. | Min. Night.  | Max. Day. | Night 17h-24h. | Day 8h-17h. |                 |                |
|                    |           |            |              |           |                |             |                 |                |                      |           |            |              |           |                |             |                 |                |
| Montrose ...       | c         | o          | 51           | 65        | -              | -           | 20              | 0.0            | Ilfracombe ...       | bbb       | cco        | 57           | 64        | 5              | -           | 98              | 0.7            |
| Berwick-on-Tweed   | bcbv      | bccv       | 53           | 65        | -              | -           | 2.7             | 9.6            | Bude ...             | bccb      | cco        | 58           | 67        | 0.3            | -           | 53              | 0.4            |
| Llandudno ...      | c         | bcb        | 55           | 64        | -              | -           | 5.4             | 0.2            | Penance ...          | omc       | o          | 59           | 70        | -              | -           | 86              | 4.7            |
| Colwyn Bay ...     | cbe       | bcb        | 54           | 65        | -              | -           | 5.9             | 0.0            | Paignton ...         | bccq      | bcco       | 55           | 74        | -              | -           | 86              | 5.4            |
| Rhyl ...           | cbe       | bc         | 56           | 66        | -              | -           | 7.0             | 0.2            | Terquay ...          | b         | c          | 57           | 74        | 1              | -           | 10.6            | -              |
| Southport ...      | ocbe      | bcc        | 56           | 63        | -              | -           | 7.1             | 0.2            | Weymouth ...         | b         | bc         | 56           | 73        | -              | -           | -               | -              |
| Blackpool ...      | cb        | ce         | 57           | 64        | -              | -           | 6.0             | 1.1            | Bournemouth ...      | b         | b          | 57           | 72        | 1              | -           | 110             | 5.8            |
| Ilkley ...         | bc        | bccb       | 53           | 66        | -              | -           | 7.0             | 0.9            | Portsmouth (S. thea) | b         | b          | 59           | 73        | 2              | -           | 110             | 5.2            |
| Harrogate ...      | bc        | bc         | 52           | 65        | -              | -           | 6.0             | 2.4            | Worthing ...         | bcb       | b          | 59           | 71        | 5              | -           | 107             | 10             |
| Skene ...          | bc        | c          | 54           | 68        | -              | -           | 6.4             | 0.8            | Brighton ...         | b         | b          | 59           | 68        | 3              | -           | 110             | 36             |
| Aberystwyth ...    | dbb       | b          | 56           | 64        | -              | -           | 9.0             | 0.0            | Eastbourne ...       | bcb       | b          | 59           | 68        | 8              | -           | 106             | 3.9            |
| Bath ...           | b         | b          | 56           | 72        | -              | -           | 11.0            | 0.0            | Hastings ...         | bbc       | bcb        | 58           | 69        | 3              | -           | 115             | 7.3            |
| Leamington Spa ... | cbbc      | bc         | 52           | 72        | -              | -           | 9.7             | 0.0            | Folkestone ...       | bc        | bc         | 60           | 71        | -              | -           | 110             | 7.0            |
| Lowestoft ...      | oc        | bccc       | 56           | 66        | 2              | -           | 3.6             | 4.6            | Tunbridge Wells ...  | bcb       | bcb        | 57           | 74        | -              | -           | 113             | 7.6            |
| Felixstowe ...     | bcb       | b          | 57           | 72        | -              | -           | 10.0            | 6.3            | Ramsgate ...         | b         | b          | 59           | 71        | 0.1            | -           | 101             | 7.1            |
| Southend ...       | bc        | bc         | 56           | 70        | -              | -           | 11.3            | 6.4            | Margate ...          | b         | b          | 60           | 70        | -              | -           | 110             | -              |
|                    |           |            |              |           |                |             |                 |                | Deal ...             | bcb       | bb         | 56           | 72        | 1              | -           | -               | -              |

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\* Information for these columns not usually received.

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

‡ For code see page 3.

§ See footnote page 1.





| SWELL    |        | Rain began |
|----------|--------|------------|
| Code No. | Dirac. |            |
| 1-1114   | NW     | -          |
|          | NW     | -          |
|          | W      | 1430       |
|          | NW     | -          |
|          | NW     | -          |

| Malta |      | Vol m.p. |
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| Dir.  | Dis. |          |
| 1000  | 300  | feet 12  |
| 10000 | 360  | feet 15  |
| 17000 | 360  | feet 20  |

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



| STATIONS.                   | SUMMARY FOR THE PRESENT HOUR. |                   |                   |                   |                         |                           |                      |                        |                          |                         | Sun.<br>25th<br>Hours.  |       |
|-----------------------------|-------------------------------|-------------------|-------------------|-------------------|-------------------------|---------------------------|----------------------|------------------------|--------------------------|-------------------------|-------------------------|-------|
|                             | WEATHER.                      |                   |                   |                   | TEMPERATURE.            |                           |                      | RAINFALL.              |                          |                         |                         |       |
|                             | 7h-12h.<br>25th.              | 12h-12h.<br>25th. | 12h-12h.<br>25th. | 12h-12h.<br>25th. | MAX.<br>Day.<br>7h-12h. | MIN.<br>Night.<br>12h-7h. | MIN.<br>on<br>Grass. | Day.<br>7h-12h.<br>mm. | Night.<br>12h-7h.<br>mm. | Precipitation<br>began. | Precipitation<br>began. |       |
| Lerwick ...                 | omr                           | omr               | b                 | bcp               | 58                      | 47                        | .                    | 1                      | 0.3                      | 4000                    | 2100                    | 2.5   |
| Stornoway ...               | p                             | b                 | b                 | b                 | 53                      | 46                        | .                    | 1                      | 3                        | -                       | -                       | 5.2   |
| Wick ...                    | omr                           | c                 | op                | op                | 63                      | 46                        | .                    | 4                      | 4                        | 4000                    | 2400                    | -     |
| Castlebay ...               | op                            | cob               | cob               | cob               | 56                      | 50                        | .                    | 3                      | 2                        | -                       | -                       | 4.8   |
| Nairn ...                   | pcg                           | cir               | cob               | ircg              | 63                      | 48                        | .                    | 2                      | 3                        | 0900                    | 2200                    | 5.4   |
| Aberdeen ...                | cp.co                         | cspbc             | b                 | b                 | 64                      | 49                        | 40                   | Trace                  | -                        | 1100                    | -                       | 5.9   |
| Malin Head ...              | coupr                         | PRbc              | PR                | PR                | 59                      | 51                        | .                    | 1                      | 2                        | 0900                    | 2100                    | 5.5   |
| Renfrew ...                 | copr                          | oprcg             | oprcg             | oprcg             | 63                      | 50                        | 48                   | 1                      | 0.2                      | 0900                    | -                       | 3.1   |
| Edinburgh (Inchkeith) ...   | p                             | oprcg             | oprcg             | oprcg             | 63                      | 51                        | 49                   | -                      | Trace                    | -                       | 2200                    | 8.6   |
| Leuchars ...                | bcco                          | oprcg             | oprcg             | cobc              | 68                      | 48                        | 36                   | -                      | -                        | -                       | -                       | 10.65 |
| Eskdalemuir ...             | op.co                         | op.co             | op.co             | op.co             | 62                      | 48                        | 44                   | 1                      | 0.4                      | 4000                    | 2100                    | 5.5   |
| Tynemouth ...               | bcp.m                         | bcp.m             | bcp.m             | bcp.m             | 69                      | 49                        | 45                   | Trace                  | -                        | 0900                    | -                       | .     |
| Blackad Point ...           | c                             | c                 | b                 | c                 | 60                      | 54                        | .                    | 3                      | 2                        | -                       | -                       | .     |
| Donaghadee ...              | c                             | bcp               | b                 | bcp               | 65                      | 54                        | .                    | -                      | -                        | -                       | -                       | .     |
| Birr Castle ...             | cor.c                         | c                 | c                 | c                 | 66                      | 51                        | 45                   | 1                      | -                        | 4000                    | -                       | 6.3   |
| Holyhead ...                | ac                            | cobco             | cobcb             | bccc              | 65                      | 54                        | 52                   | -                      | -                        | -                       | -                       | 4.1   |
| Liverpool (Bidston) ...     | opd                           | bco               | bcp               | bcp               | 65                      | 54                        | 49                   | Trace                  | -                        | 4000                    | -                       | 3.1   |
| Chester (Shotwick) ...      | odor                          | oprcbc            | oprcbc            | oprcbc            | 67                      | 54                        | 49                   | 0.5                    | -                        | 1200                    | -                       | 3.4   |
| Spurn Head ...              | oo                            | oprc              | cobcb             | bccc              | 65                      | 54                        | .                    | Trace                  | -                        | 1430                    | -                       | 2.3   |
| Birmingham (Edgbaston) ...  | or                            | obc               | b                 | b                 | 66                      | 49                        | 45                   | 7                      | -                        | 4000                    | -                       | 1.9   |
| Nottingham ...              | or                            | c                 | c                 | c                 | 67                      | 52                        | 48                   | 1                      | -                        | 4000                    | -                       | 1.4   |
| Cranwell ...                | orop                          | oprc              | cobc              | bccc              | 66                      | 50                        | 46                   | 1                      | -                        | 4000                    | -                       | 2.2   |
| Gorleston ...               | ORR                           | orr               | ocv               | cobcb             | 64                      | 53                        | 50                   | 14                     | -                        | 0900                    | -                       | 0.2   |
| Valencia (Cahirovean) ...   | oc                            | cobc              | o                 | co                | 62                      | 55                        | 52                   | -                      | -                        | -                       | -                       | 4.6   |
| Rothes Point ...            | ro                            | ocbc              | b                 | b                 | 66                      | 54                        | .                    | 0.5                    | -                        | 4000                    | -                       | .     |
| Pembroke (St. Ann's H.) ... | offro                         | c                 | c                 | c                 | 60                      | 55                        | .                    | 5                      | -                        | 4000                    | -                       | 4.6   |
| Ross-on-Wye ...             | brr                           | robcv             | b                 | b                 | 69                      | 52                        | 46                   | 4                      | -                        | 0900                    | -                       | 3.3   |
| Benson ...                  | aldr                          | robc              | b                 | b                 | 68                      | 47                        | 34                   | 4                      | -                        | 1230                    | -                       | .     |
| Andover ...                 | adco                          | or                | cobcb             | bbw               | 67                      | 47                        | 38                   | 0.3                    | -                        | 4000                    | -                       | 1.4   |
| S. Farnborough ...          | dor                           | rmco              | Wb                | cobcb             | 69                      | 48                        | 46                   | 2                      | Trace                    | 4000                    | -                       | 0.8   |
| London (Kew Obs.) ...       | oldorm                        | odmo              | cobbb             | bb                | 70                      | 54                        | 48                   | 4                      | -                        | 0900                    | -                       | 0.3   |
| Orodon ...                  | admr                          | orm               | obo               | ob                | 68                      | 53                        | 49                   | 3                      | -                        | 0900                    | -                       | 0.3   |
| Clacton-on-Sea ...          | agpd                          | agrag             | obcbe             | b                 | 64                      | 55                        | 50                   | 8                      | -                        | 0900                    | -                       | 0.0   |
| Shoeburyness ...            | adur                          | oiror             | orcbe             | b                 | 74                      | 53                        | 50                   | 3                      | Trace                    | 1230                    | 2100                    | 0.4   |
| Grain ...                   | oprd                          | airm              | ocb               | bbw               | 71                      | 55                        | 47                   | 3                      | Trace                    | 1330                    | -                       | 0.5   |
| Lympne ...                  | ofdo                          | adrm              | omrc              | bbw               | 65                      | 51                        | 48                   | 2                      | Trace                    | 4000                    | 2100                    | 0.0   |
| Solly (St. Mary's) ...      | omffe                         | afmbc             | b                 | b                 | 64                      | 56                        | .                    | 0.1                    | -                        | -                       | -                       | 2.5   |
| Falmouth (Pendennis) ...    | befod                         | ombc              | b                 | b                 | 64                      | 55                        | .                    | -                      | -                        | -                       | -                       | 2.5   |
| Plymouth (Cattewater) ...   | adm                           | adbec             | cobc              | bco               | 64                      | 56                        | 49                   | Trace                  | -                        | 0900                    | -                       | 2.8   |
| Portland Bill ...           | c                             | b                 | b                 | b                 | 63                      | 58                        | .                    | -                      | -                        | -                       | -                       | .     |
| Southampton (Calshot) ...   | oido                          | oido              | b                 | b                 | 66                      | 54                        | 51                   | 0.2                    | -                        | 4000                    | -                       | 0.4   |
| Dungeness ...               | oo                            | ord               | c                 | b                 | 64                      | 55                        | .                    | 1                      | 2                        | 1630                    | 2100                    | .     |
| Jersey ...                  | offc                          | cadco             | oco               | oco               | 64                      | 58                        | .                    | 0.2                    | -                        | 1630                    | -                       | 0.7   |
| Guernsey ...                | oo                            | r                 | r.d.              | b                 | 68                      | 54                        | .                    | Trace                  | -                        | 1630                    | -                       | .     |



| Observations from Cross Channel Steamers. |                |            |       |        |          |        |       |      |          |
|-------------------------------------------|----------------|------------|-------|--------|----------|--------|-------|------|----------|
| Position.                                 | Date and Time. | Steamship. | Wind. |        | Weather. |        | Temp. |      | Remarks. |
|                                           |                |            | Dir.  | Force. | Dir.     | Force. | Air.  | Sea. |          |
| 2                                         | 25th 10h.      | Anglia     | WSW   | 4      | o        | o      | 61    | 54   | 6        |
| 1                                         | 25th 12h.      | Ibex       | WSW   | 5      | ot       | ot     | 61    | 59   | 6        |
| 3                                         | 26th 3h.       | Brighton   | N     | 5      | bcjp     | bcjp   | 57    | 59   | 6        |

## GENERAL INFERENCE.

In the rear of the depression that is moving eastwards across southern Norway winds will be from between west and north-west over the British Isles for a time with mainly fine and bright weather but occasional showers in places at first. Day temperature will be rather higher except on the Western Coasts.

| Districts.                | Forecasts for the 24 hours commencing 15h G.M.T. Thursday, 26th July, 1923.                                                                                                                                          |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. S.E. England           | Moderate to strong winds from between W. and N.W., decreasing later; mainly fine and bright but occasional showers not improbable locally at first; visibility good; rather higher day temperature.                  |
| 2. E. England             |                                                                                                                                                                                                                      |
| 3. E. Midlands            |                                                                                                                                                                                                                      |
| 4. W. Midlands            |                                                                                                                                                                                                                      |
| 5. S.W. England           | Moderate to strong winds from between W. and N.W., decreasing and backing to W. or S.W. later; mainly fine and bright but occasional showers locally at first; visibility good; temperature moderate to rather warm. |
| 6. South Wales            |                                                                                                                                                                                                                      |
| 7. North Wales            |                                                                                                                                                                                                                      |
| 8. N.W. England           |                                                                                                                                                                                                                      |
| 9. N. Midlands            |                                                                                                                                                                                                                      |
| 10. N.E. England          | As 0 - 4.                                                                                                                                                                                                            |
| 11. E. Scotland           |                                                                                                                                                                                                                      |
| 12. S.W. Scotland         | As 5 - 9.                                                                                                                                                                                                            |
| 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          |                                                                                                                                                                                                                      |

## Further Outlook

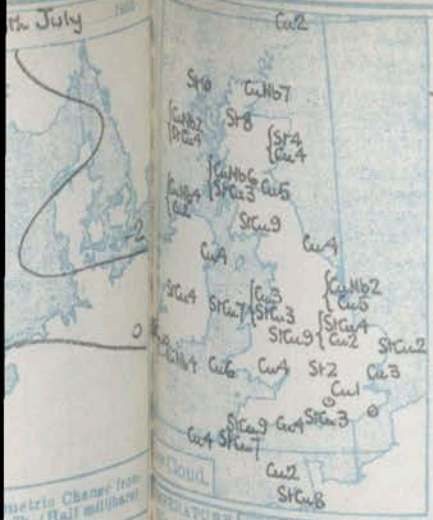
Unsettled in the North; mainly fair in the South.



SYNOPTIC CHART FOR 7h. Thursday, 26<sup>th</sup>, July, 1923.

Scale - 1:10,000,000

Nautical Miles  
Statute Miles

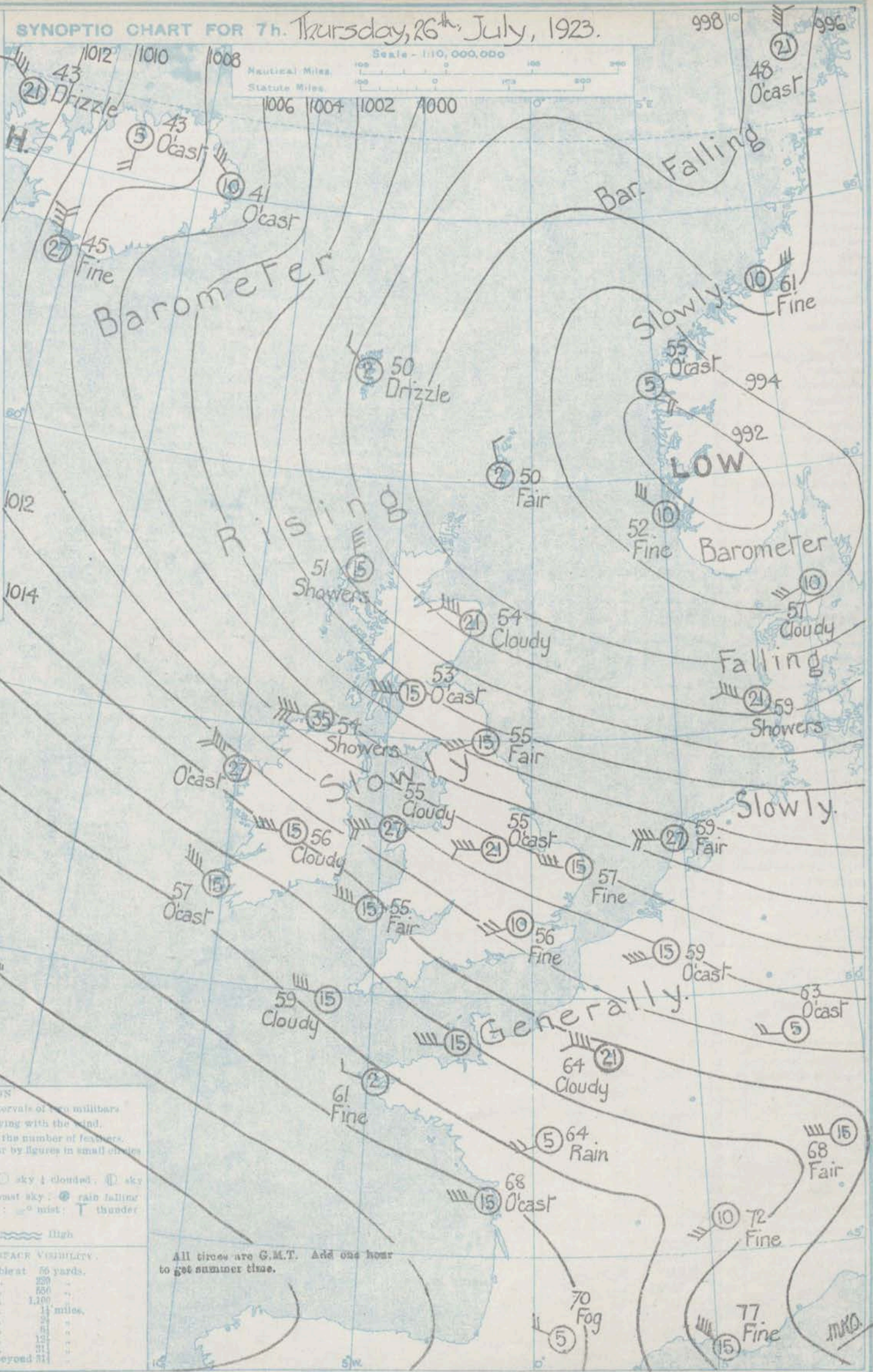


TEMPERATURE

| Temp. | Air | Sea |
|-------|-----|-----|
| 61    | 57  | 54  |
| 61    | 58  | 55  |
| 57    | 59  | 56  |

pression across all be north-west or a time light showers by higher casts.

led in north; fair in south.



"OLYMPIC"  
66  
Sea 63  
Drizzle

EXPLANATION  
Isobars are drawn for intervals of two millibars.  
Direction is shown by arrows flying with the wind.  
Velocity is shown by the number of feathers.  
Temperature is given in °F.

SYMBOLS: ○ clear sky, ○ sky & clouded, ○ sky & rain, ○ sky & hail, ○ sky & fog, ○ sky & mist, ○ sky & thunder.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

| Code | Meaning   | Distance  |
|------|-----------|-----------|
| 1    | Dense fog | 50 yards. |
| 2    | Thick fog | 100 "     |
| 3    | Very bad  | 250 "     |
| 4    | Bad       | 500 "     |
| 5    | Very poor | 1,200 "   |
| 6    | Poor      | 2 miles.  |
| 7    | Moderate  | 3 "       |
| 8    | Good      | 5 "       |
| 9    | Very good | 10 "      |
| 10   | Excellent | 20 "      |

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



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION. Thursday, 26th July, 1923.

No. 201.

| STATIONS.                | Height above M.S.L. in feet. | Observations at 0100 G.M.T. 26th |                    |       |       |          |           |             |                      |                 |       |      | Observations at 0700 G.M.T. 26th |                  |                    |            |      |          |           |             |                      |        |                 |       |      |             |            |      |     |
|--------------------------|------------------------------|----------------------------------|--------------------|-------|-------|----------|-----------|-------------|----------------------|-----------------|-------|------|----------------------------------|------------------|--------------------|------------|------|----------|-----------|-------------|----------------------|--------|-----------------|-------|------|-------------|------------|------|-----|
|                          |                              | Barom. at M.S.L.                 | Change in 3 Hours. | Wind. |       | Weather. | Temp. °F. | Humidity. % | Visibility in Miles. | Cloud.          |       |      |                                  | Barom. at M.S.L. | Change in 3 Hours. | Wind.      |      | Weather. | Temp. °F. | Humidity. % | Visibility in Miles. | Cloud. |                 |       |      |             |            |      |     |
|                          |                              |                                  |                    | Dir.  | Force |          |           |             |                      | Height in Feet. | Form. | Amt. | Upper Form.                      |                  |                    | Total Amt. | Dir. |          |           |             |                      | Force  | Height in Feet. | Form. | Amt. | Upper Form. | Total Amt. |      |     |
|                          |                              |                                  |                    |       |       |          |           |             |                      |                 |       |      |                                  |                  |                    |            |      |          |           |             |                      |        |                 |       |      |             |            | 0-12 | 0-8 |
| Lerwick                  | 54                           | 305.4                            | -2                 |       | 0     | bcjp     | 49        | 92          | 4                    | 4000            | Nb    | 4    | ASr                              | 6                | 305.2              | +2         | NNW  | 1        | bcjr      | 50          | 92                   | 4      | 4000            | Cu    | 2    | AGu         | 4          | 0    |     |
| Stornoway                | 51                           | 304.6                            | 0                  | Z     | 3     | PR       |           |             |                      |                 |       |      |                                  |                  | 305.3              | +3         | NNW  | 4        | objr      | 51          | 92                   | 4      | 450             | ST    | 10   |             | 10         | 0    |     |
| Wick                     | 81                           | 305.2                            | -1                 | W     | 1     | opr      | 48        | 92          | 8                    | 2500            | CuNb  | 10   |                                  |                  | 305.5              | +3         | NW   | 4        | objr      | 50          | 92                   | 4      | 1500            | CuNb  | 2    |             | 6          | 0    |     |
| Castledyke               | 37                           |                                  |                    |       |       |          |           |             |                      |                 |       |      |                                  |                  | 305.3              | +3         | NNW  | 5        | bc        | 50          | 92                   | 4      | 2500            | ST    | 6    |             | 8          | 0    |     |
| Nairn                    | 82                           |                                  |                    |       |       |          |           |             |                      |                 |       |      |                                  |                  | 305.3              |            | N    | 1        | c/r       | 50          | 88                   |        | 1500            | ST    | 8    |             | 8          |      |     |
| Aberdeen                 | 46                           |                                  |                    |       |       |          |           |             |                      |                 |       |      |                                  |                  | 305.4              | +1         | WNW  | 5        | c+        | 54          | 65                   | 8      | 1500            | ST    | 8    |             |            |      |     |
| Malin Head               | 71                           | 1005.3                           | 0                  | NW    | 6     | bPR      | 53        | 85          | 8                    | 4000            | CuNb  | 3    |                                  | 3                | 1005.3             | +2         | WNW  | 4        | bcPR      | 54          | 92                   | 8      | 4000            | CuNb  | 6    |             | 6          | 0    |     |
| Roufrew                  | 49                           |                                  |                    |       |       |          |           |             |                      |                 |       |      |                                  |                  | 1002.5             | 0          | W    | 4        | objr      | 53          | 85                   | 8      | 2500            | CuNb  | 9    |             | 9          | 0    |     |
| Edinburgh (Inchkeith)    | 190                          | 309.7                            | -1                 | WSW   | 6     | o+       | 63        | 85          | 8                    |                 | ST    | 3    |                                  | 3                | 309.1              | +1         | W    | 6        | objr      | 53          | 85                   | 8      |                 | Cu    | 3    | ASr         | 4          | 0    |     |
| Leuchars                 | 36                           |                                  |                    |       |       |          |           |             |                      |                 |       |      |                                  |                  | 309.4              | 0          | N    | 5        | bc+       | 55          | 65                   | 8      | 4000            | ST    | 9    |             | 3          | 0    |     |
| Bakdalemuir              | 794                          |                                  |                    |       |       |          |           |             |                      |                 |       |      |                                  |                  | 1003.4             | 0          | W    | 5        | o         | 51          | 75                   | 8      | 1500            | ST    | 9    |             | 4          | 0    |     |
| Tynemouth                | 118                          | 1004.3                           | 0                  | WSW   | 4     | b        | 52        | 85          | 4                    | 2500            | Cu    | 1    |                                  | 1                | 1003.3             | 0          | WSW  | 4        | bc+       | 55          | 65                   | 8      | 2500            | Cu    | 4    |             |            | 4    | 0   |
| Blackod Point            | 10                           | 1013.0                           | 0                  | NW    | 6     | b        | 53        | 92          | 8                    |                 |       |      |                                  | 3                | 1013.8             | +1         | NW   | 6        | bc+       | 54          | 92                   | 8      |                 | Cu    | 4    |             | 4          | 0    |     |
| Donaghadee               | 55                           |                                  |                    |       |       |          |           |             |                      |                 |       |      |                                  |                  | 1008.3             | 0          | W    | 4        | bc+       | 53          | 85                   | 8      | 1500            | Cu    | 4    | AGu         | 4          | 0    |     |
| Birr Castle              | 175                          | 1010.2                           | +1                 | WS    | 5     | b        | 55        | 95          | 8                    | 4000            | Cu    | 1    |                                  | 1                | 1013.4             | +1         | WS   | 6        | c         | 53          | 85                   | 8      | 2500            | ST    | 6    |             | 6          | 0    |     |
| Holyhead                 | 26                           |                                  |                    |       |       |          |           |             |                      |                 |       |      |                                  |                  | 1009.3             | 0          | WSW  | 5        | bc        | 53          | 85                   | 8      | 2500            | Cu    | 6    |             | 9          | 0    |     |
| Liverpool (Bidston)      | 189                          |                                  |                    |       |       |          |           |             |                      |                 |       |      |                                  |                  | 1009.0             | 0          | W    | 5        | o-        | 58          | 85                   | 8      | 2500            | ST    | 9    |             |            | 0    | 0   |
| Chester (Shotwick)       | 16                           |                                  |                    |       |       |          |           |             |                      |                 |       |      |                                  |                  |                    |            |      |          |           |             |                      |        |                 |       |      |             |            |      |     |
| Spurn Head               | 26                           | 1005.3                           | 0                  | WSW   | 4     | b        | 56        | 95          | 4                    |                 |       | 0    |                                  | 0                | 1005.3             | +1         | WS   | 5        | bc+       | 56          | 95                   | 4      | 2500            | Cu    | 3    |             | 5          | 0    |     |
| Birmingham (Edgbaston)   | 525                          |                                  |                    |       |       |          |           |             |                      |                 |       |      |                                  |                  | 1010.6             | 0          | WSW  | 4        | bc+       | 54          | 95                   | 6      | 4000            | ST    | 9    |             | 9          | 0    |     |
| Nottingham               | 82                           |                                  |                    |       |       |          |           |             |                      |                 |       |      |                                  |                  | 1008.5             | 0          | N    | 5        | bc        | 55          | 95                   | 6      | 1500            | ST    | 9    |             | 6          | 0    |     |
| Cranwell                 | 237                          | 1008.4                           | +1                 | W     | 3     | b        | 53        | 85          | 4                    | 4000            | ST    | 1    | AGu                              | 2                | 1008.8             | +1         | WSW  | 4        | bc+       | 53          | 95                   | 6      | 2500            | ST    | 6    |             | 2          | 0    |     |
| Gorleston                | 13                           | 1008.3                           | +1                 | WN    | 2     | o        | 58        | 95          | 8                    | 5400            | ST    | 3    |                                  | 3                | 1008.4             | 0          | WN   | 4        | bc+       | 57          | 95                   | 6      | 5400            | ST    | 2    |             |            | 4    | 0   |
| Valencia (Cahisciveen)   | 30                           | 1016.4                           | 0                  | W     | 4     | o        | 57        | 92          | 9                    |                 | ST    | 10   |                                  | 10               | 1017.5             | +1         | NNW  | 4        | o+        | 57          | 65                   | 8      | 4000            | ST    | 10   |             | 4          | 0    |     |
| Roche Point              | 32                           |                                  |                    |       |       |          |           |             |                      |                 |       |      |                                  |                  | 1016.4             | +1         | NW   | 4        | bc        | 57          | 85                   | 9      | 5400            | CuNb  | 4    |             | 6          | 0    |     |
| Pembroke (St. Ann's Hl.) | 149                          | 1013.5                           | +2                 | WSW   | 3     | bc       | 55        | 85          | 8                    |                 |       | 0    | ASr                              | 4                | 1014.5             | +1         | NNW  | 4        | bc        | 55          | 85                   | 9      | 4000            | Cu    | 6    |             | 4          | 0    |     |
| Rose-on-Wye              | 223                          |                                  |                    |       |       |          |           |             |                      |                 |       |      |                                  |                  | 1012.1             | 0          | W    | 4        | bc        | 56          | 85                   | 9      | 4000            | Cu    | 4    |             | 2          | 0    |     |
| Benson                   | 188                          |                                  |                    |       |       |          |           |             |                      |                 |       |      |                                  |                  | 1012.0             | +1         | W    | 2        | bc        | 57          | 95                   | 8      | 2500            | ST    | 2    |             |            |      | 0   |
| Andover                  | 295                          |                                  |                    |       |       |          |           |             |                      |                 |       |      |                                  |                  | 1013.1             | +1         | W    | 4        | b         | 55          | 85                   | 8      |                 |       | 0    |             | 1          | 0    |     |
| S. Farnborough           | 230                          |                                  |                    |       |       |          |           |             |                      |                 |       |      |                                  |                  | 1012.4             | +2         | WNW  | 3        | bc        | 54          | 85                   | 8      |                 |       | 0    |             | 2          | 0    |     |
| London (Kew Obs.)        | 18                           |                                  |                    |       |       |          |           |             |                      |                 |       |      |                                  |                  | 1011.8             | +2         | WSW  | 3        | bc        | 56          | 65                   | 8      | 4000            | Cu    | 1    |             | 2          | 0    |     |
| Croydon                  | 244                          | 1011.3                           | +1                 | WS    | 3     | o        | 56        | 85          | 8                    | 4000            | ST    | 10   |                                  | 10               | 1012.0             | +1         | W    | 3        | b+        | 56          | 75                   | 8      | 1500            | Cu    | 1    |             |            | 3    | 0   |
| Olafon-on-Sea            | 54                           |                                  |                    |       |       |          |           |             |                      |                 |       |      |                                  |                  | 1010.0             | +1         | WNW  | 4        | bc        | 55          | 85                   | 4      | 2500            | Cu    | 3    |             | 1          | 0    |     |
| Shoeburyness             | 11                           |                                  |                    |       |       |          |           |             |                      |                 |       |      |                                  |                  | 1011.1             | 0          | W    | 3        | bc        | 58          | 95                   | 6      | 5400            | Cu    | 1    |             | 3          | 0    |     |
| Grain                    | 20                           |                                  |                    |       |       |          |           |             |                      |                 |       |      |                                  |                  | 1011.2             | +1         | W    | 5        | bc        | 58          | 95                   | 6      | 4000            | Cu    | 3    |             |            |      | 0   |
| Lympne                   | 350                          | 1010.3                           | +2                 | WNW   | 4     | b        | 54        | 92          | 6                    |                 |       | 0    |                                  | 0                | 1011.5             | 0          | N    | 4        | bc        | 54          | 92                   | 6      | 1500            | Cu    | 3    |             |            |      | 0   |
| Seilly (St. Mary's)      | 131                          | 1016.4                           | +1                 | NNW   | 5     | bc       | 58        | 92          | 8                    | 4000            | Cu    | 3    | AGu                              | 5                | 017.3              | +1         | NNW  | 4        | bc        | 59          | 95                   | 8      | 4000            | Cu    | 4    | AGu         | 4          | 0    | 0   |
| Falmouth (Pendennis)     | 200                          | 1016.4                           | +2                 | W     | 5     | b        | 58        | 85          | 4                    | 4000            | ST    | 3    |                                  | 3                | 016.4              | +2         | W    | 4        | bc        | 58          | 85                   | 4      | 4000            | ST    | 4    |             | 9          | 0    | 0   |
| Plymouth (Cattewater)    | 82                           |                                  |                    |       |       |          |           |             |                      |                 |       |      |                                  |                  | 015.6              | +2         | W    | 3        | bc        | 58          | 95                   | 8      | 2500            | ST    | 9    |             | 4          | 0    | 0   |
| Portland Bill            | 19                           | 1012.4                           | +4                 | W     | 4     | bc       | 60        | 92          | 4                    | 5400            | ST    | 3    | Ci                               | 4                | 1013.3             | +2         | NNW  | 5        | bc        | 59          | 95                   | 8      | 2500            | Cu    | 4    |             | 4          | 0    | 0   |
| Southampton (Oa. shot)   | 12                           | 1012.4                           | +1                 | WS    | 4     | b        | 57        | 92          | 8                    |                 |       | 0    | Ci                               | 3                | 1013.4             | +2         | W    | 4        | bc        | 58          | 95                   | 8      | 4000            | ST    | 3    | AGu         | 4          | 0    | 0   |
| Dungeness                | 21                           | 1010.3                           | +1                 | NW    | 3     | b        | 58        | 85          | 8                    |                 |       | 0    |                                  | 0                | 1011.3             | +1         | SW   | 3        | bc        | 59          | 95                   | 8      |                 |       | 0    |             | 8          | 0    |     |
| Jersey                   | 25                           |                                  |                    |       |       |          |           |             |                      |                 |       |      |                                  |                  | 1016.4             | 0          | W    | 4        | bc        | 60          | 85                   | 8      | 4000            | ST    | 3    | AGu         |            |      | 0   |
| Guernsey                 |                              | 1016.2                           | +1                 | NNW   | 5     | bc       | 58        | 92          | 6                    |                 |       | 0    | AGu                              | 1                | 016.3              | +2         | NW   | 3        | bc        | 58          | 85                   | 8      |                 | Cu    | 2    | AGu         |            |      | 0   |

## WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 25th July.

| STATIONS.        | WEATHER.  |            | TEMPERATURE. |           | RAINFALL†      |             | SUNSHINE.       |                | STATIONS.                | WEATHER.  |            | TEMPERATURE. |           | RAINFALL†      |             | Sunrise to 17h. | Sunset to 24h. |
|------------------|-----------|------------|--------------|-----------|----------------|-------------|-----------------|----------------|--------------------------|-----------|------------|--------------|-----------|----------------|-------------|-----------------|----------------|
|                  | Forenoon. | Afternoon. | Min. Night.  | Max. Day. | Night 17h-24h. | Day 0h-17h. | Sunrise to 17h. | Sunset to 24h. |                          | Forenoon. | Afternoon. | Min. Night.  | Max. Day. | Night 17h-24h. | Day 0h-17h. |                 |                |
|                  |           |            |              |           |                |             |                 |                |                          |           |            |              |           |                |             |                 |                |
| Montrose ...     | c         | bc         | 52           | 63        | 1              | —           | 66              | 0.1            | Ilfracombe ...           | odr       | odo        | 60           | 62        | 0.1            | 3           | 0.0             | 9.5            |
| Berwick-on-Tweed | gcbe      | bebr       | 54           | 66        | 0.1            | —           | 10.0            | 2.7            | Bude ...                 | indoo     | indoo      | 60           | 65        | —              | Trace       | 0.7             | 5.3            |
| Llandudno ...    | oc        | ceb        | 59           | 67        | 3              | —           | 3.8             | 5.4            | Penrhy ...               | ofom      | dc         | 60           | 65        | —              | —           | 1.0             | 8.9            |
| Colwyn Bay       | cbc       | bec        | 59           | 66        | 4              | —           | 2.0             | 6.1            | Falgun ...               | ogoodp    | bcg        | 61           | 70        | —              | —           | 1.0             | 8.6            |
| Rhyl...          | pc        | cbc        | 59           | 67        | 3              | —           | 1.9             | 7.5            | Terquay ...              | c         | dobc       | 62           | 70        | —              | —           | 0.7             | 11.9           |
| Southport ...    | roc       | cbcc       | 58           | 64        | 2              | —           | 2.2             | 7.9            | Weymouth ...             | c         | c          | 61           | 70        | —              | —           | —               | —              |
| Blackpool ...    | roc       | bec        | 58           | 66        | 3              | —           | 4.0             | 5.6            | Bournemouth ...          | o         | o          | 61           | 67        | —              | —           | 0.0             | 13.2           |
| Ilkley ...       | ldgo      | bc         | 50           | 68        | 1              | —           | 4.3             | 7.5            | Portsmouth (S. S. S. S.) | oo        | roo        | 62           | 68        | —              | 0.2         | 0.0             | 12.7           |
| Harrogate ...    | odr       | c          | 54           | 66        | 0.3            | —           | 2.3             | 6.1            | Worthing ...             | o         | o          | 61           | 65        | —              | —           | 0.0             | 13.3           |
| Skewness ...     | or        | oc         | 57           | 66        | 1              | Trace       | 0.8             | 7.2            | Brighton ...             | odoo      | oodr       | 62           | 64        | —              | —           | 0.0             | 12.4           |
| Aberystwyth ...  | roc       | b          | 56           | 63        | 12             | 4           | 2.0             | 9.5            | Eastbourne ...           | o         | or         | 60           | 65        | —              | 1           | —               | 12.1           |
| Bath ...         | ord       | doc        | 61           | 66        | —              | 1           | 0.4             | 12.8           | Hastings ...             | o         | adm        | 58           | 65        | —              | —           | 0.0             | 13.1           |
| Leamington Spa   | or        | orbc       | 57           | 68        | 2              | 3           | 1.3             | 10.9           | Folkestone ...           | o         | d          | 57           | 63        | —              | —           | 0.0             | 13.0           |
| Lowestoft ...    | orfo      | roo        | 58           | 64        | —              | 8           | 0.0             | 5.0            | Tunbridge Wells          | o         | opor       | 58           | 66        | —              | —           | 0.1             | 12.2           |
| Felixstowe ...   | og        | omr        | 60           | 68        | —              | 5           | 0.0             | 11.4           | Ramsgate ...             | oco       | br         | 57           | 65        | —              | 2           | 0.0             | 13.0           |
| Southend ...     | o         | or         | 56           | 70        | —              | 3           | 0.0             | 12.6           | Margate ...              | o         | or         | 60           | 63        | —              | 3           | 0.0             | 11.5           |
|                  |           |            |              |           |                |             |                 |                | Deal ...                 | o         | or         | 57           | 65        | —              | 3           | —               | —              |

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\* Information for these columns not usually received.

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

‡ For code see page 5.

§ See footnote page 1.

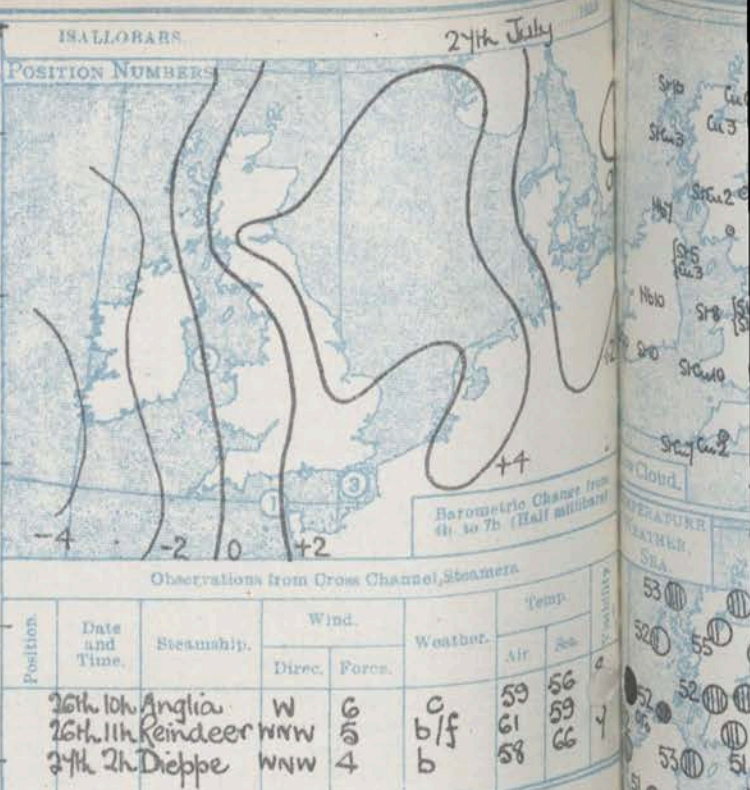


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| BRITISH SECTION. 25th                         |        |    |     |   |      |    |    |   |      |      |    |     |    |        | Observations at 1800 G.M.T. 26th    |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
|-----------------------------------------------|--------|----|-----|---|------|----|----|---|------|------|----|-----|----|--------|-------------------------------------|-----|---|------|----|----|---|------|------|----|-----|----|---|--|--|
| Observations at 1800 G.M.T. 25th              |        |    |     |   |      |    |    |   |      |      |    |     |    |        | Observations at 1800 G.M.T. 26th    |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| STATIONS.                                     |        |    |     |   |      |    |    |   |      |      |    |     |    |        | STATIONS.                           |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| (For heights see p. 4.)                       |        |    |     |   |      |    |    |   |      |      |    |     |    |        | (For heights see p. 4.)             |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| Barom. at M.S.L.                              |        |    |     |   |      |    |    |   |      |      |    |     |    |        | Barom. at M.S.L.                    |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| Change in 3 Hours                             |        |    |     |   |      |    |    |   |      |      |    |     |    |        | Change in 3 Hours                   |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| Wind.                                         |        |    |     |   |      |    |    |   |      |      |    |     |    |        | Wind.                               |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| Weather.                                      |        |    |     |   |      |    |    |   |      |      |    |     |    |        | Weather.                            |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| Temp.                                         |        |    |     |   |      |    |    |   |      |      |    |     |    |        | Temp.                               |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| Humidity.                                     |        |    |     |   |      |    |    |   |      |      |    |     |    |        | Humidity.                           |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| Visibility.                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | Visibility.                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| Cloud.                                        |        |    |     |   |      |    |    |   |      |      |    |     |    |        | Cloud.                              |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| Height.                                       |        |    |     |   |      |    |    |   |      |      |    |     |    |        | Height.                             |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| Form.                                         |        |    |     |   |      |    |    |   |      |      |    |     |    |        | Form.                               |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| Amount.                                       |        |    |     |   |      |    |    |   |      |      |    |     |    |        | Amount.                             |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| State of ground.                              |        |    |     |   |      |    |    |   |      |      |    |     |    |        | State of ground.                    |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| Lerwick                                       | 997.8  | +3 | NN  | 2 | or   | 52 | 85 | 6 | 4000 | Nb   | 10 | -   | 10 | 1001.8 | +4                                  | NNE | 3 | bc/b | 52 | 85 | 6 | 4000 | Nb   | 2  | Acu | 5  | 2 |  |  |
| Stornoway                                     | 1002.2 | +3 | NNW | 4 | CPR  | 55 | 85 | 7 | 4000 | Nb   | 7  | -   | 7  | 1007.1 | +6                                  | NNW | 5 | CPR  | 54 | 85 | 7 | 4000 | Nb   | 7  | -   | 7  | 4 |  |  |
| Wick                                          | 999.1  | +3 | NNW | 3 | bc/r | 56 | 75 | 8 | 4000 | Cu   | 6  | -   | 6  | 1002.5 | +3                                  | NW  | 4 | o    | 53 | 85 | 8 | 4000 | Nb   | 4  | AST | 10 | 3 |  |  |
| Castlebay                                     | 1007.0 | +3 | NNW | 6 | bc   | 56 | 85 | 8 | 2500 | Sc   | 6  | -   | 6  | 1010.5 | +2                                  | NNW | 5 | opr  | 53 | 92 | 8 | 1500 | Nb   | 10 | -   | 10 | 5 |  |  |
| Nairn                                         | 999.9  | +2 | NN  | 4 | or   | 52 | 85 | 7 | 2500 | Nb   | 10 | -   | 10 | 1005.1 | +3                                  | NNW | 3 | bc/r | 55 | 75 | 8 | 4000 | Cu   | 4  | -   | 4  | 0 |  |  |
| Aberdeen                                      | 1010.0 | +3 | NN  | 7 | bcPR | 56 | 85 | 8 | 4000 | CuNb | 6  | -   | 6  | 1012.8 | +3                                  | NNW | 6 | b/r  | 55 | 85 | 8 | 5700 | CuNb | 5  | -   | 5  | 3 |  |  |
| Malla Head                                    | 1004.3 | +2 | N   | 6 | c    | 60 | 75 | 8 | 2500 | Sc   | 7  | -   | 7  | 1007.3 | +4                                  | NNW | 5 | ct   | 56 | 75 | 8 | 2500 | Sc   | 8  | -   | 8  | 8 |  |  |
| Edinburgh (Leith)                             | 1001.2 | 0  | N   | 6 | bc   | 57 | 75 | 8 | 4000 | Cu   | 6  | -   | 6  | 1004.8 | +5                                  | NNW | 5 | cs/b | 57 | 75 | 8 | 4000 | CuNb | 7  | -   | 7  | 4 |  |  |
| Leuchars                                      | 1000.5 | +1 | NN  | 3 | o    | 63 | 45 | 8 | 4000 | Sc   | 9  | -   | 9  | 1004.4 | +6                                  | NW  | 3 | b    | 55 | 75 | 8 | 5700 | CuNb | 3  | -   | 3  | 3 |  |  |
| Edinburgh (Warriston)                         | 1004.9 | +1 | NN  | 6 | c    | 57 | 65 | 8 | 2500 | Sc   | 8  | -   | 8  | 1005.9 | +2                                  | NNW | 7 | bc   | 54 | 75 | 8 | 4000 | Cu   | 4  | -   | 4  | 0 |  |  |
| Tysoomouth                                    | 1003.0 | 0  | WSW | 4 | bc   | 63 | 65 | 7 | 2500 | Cu   | 5  | -   | 5  | 1004.4 | +2                                  | WSW | 4 | bc   | 61 | 65 | 7 | 2500 | Cu   | 5  | -   | 5  | 2 |  |  |
| Blackhead Point                               | 1016.4 | +4 | N   | 6 | o    | 58 | 75 | 8 | 4000 | Cu   | 7  | -   | 7  | 1017.4 | +1                                  | NW  | 3 | c    | 58 | 75 | 8 | 4000 | Cu   | 7  | -   | 7  | 0 |  |  |
| Donaghadee                                    | 1009.8 | +1 | N   | 3 | bc   | 60 | 65 | 8 | 1500 | Cu   | 2  | Cu  | 4  | 1012.6 | +2                                  | N   | 4 | bc   | 59 | 65 | 8 | 1500 | Cu   | 5  | -   | 5  | 5 |  |  |
| Birr Castle                                   | 1014.3 | *  | N   | 2 | c    | 61 | 55 | 8 | 4000 | Sc   | 7  | -   | 7  | 1016.3 | *                                   | NNW | 2 | c    | 60 | 65 | 8 | 4000 | Sc   | 7  | -   | 7  | 4 |  |  |
| Holyhead                                      | 1012.2 | +2 | N   | 6 | c    | 59 | 75 | 9 | 4000 | Sc   | 7  | -   | 7  | 1013.4 | +2                                  | WNW | 5 | bc   | 58 | 75 | 8 | 4000 | Sc   | 6  | -   | 6  | 4 |  |  |
| Liverpool (Bidston)                           | 1009.7 | +1 | WSW | 8 | c    | 59 | 65 | 8 | 2500 | Sc   | 7  | -   | 7  | 1011.5 | +1                                  | N   | 6 | bc   | 59 | 75 | 8 | 4000 | Cu   | 3  | Acu | 5  | 7 |  |  |
| Chester (Blatwick)                            | 1009.7 | +1 | WNW | 6 | c    | 63 | 55 | 8 | 4000 | Sc   | 4  | Acu | 7  | 1011.7 | 0                                   | WNW | 7 | c    | 61 | 65 | 8 | 2500 | Cu   | 8  | -   | 8  | 7 |  |  |
| Spurn Head                                    | 1005.7 | +1 | N   | 8 | c    | 60 | 75 | 7 | 4000 | Cu   | 7  | -   | 7  | 1005.2 | -1                                  | N   | 7 | bc   | 61 | 75 | 7 | 4000 | Cu   | 6  | -   | 6  | 5 |  |  |
| Birmingham (Edgbaston)                        | 1011.6 | +1 | N   | 3 | o    | 60 | 55 | 8 | 4000 | CuNb | 10 | -   | 10 | 1011.9 | 0                                   | N   | 6 | bc   | 61 | 55 | 8 | 1500 | Sc   | 5  | -   | 5  | 0 |  |  |
| Nottingham                                    | 1009.8 | +1 | N   | 4 | o    | 62 | 65 | 8 | 1500 | Sc   | 7  | -   | 7  | 1009.5 | +1                                  | N   | 6 | b    | 61 | 65 | 8 | 1500 | Cu   | 2  | -   | 2  | 0 |  |  |
| Gravelly                                      | 1009.8 | +1 | N   | 5 | bc   | 63 | 65 | 8 | 2500 | Cu   | 7  | -   | 7  | 1009.9 | +1                                  | N   | 5 | ct   | 60 | 65 | 8 | 2500 | Sc   | 8  | -   | 8  | 0 |  |  |
| Derbyshire                                    | 1008.8 | 0  | N   | 4 | bc   | 63 | 55 | 7 | 4000 | CuNb | 6  | -   | 6  | 1008.9 | 0                                   | N   | 4 | bc   | 64 | 55 | 7 | 4000 | Cu   | 5  | -   | 5  | 1 |  |  |
| Valencia (Oshirovren)                         | 1019.8 | +2 | NNW | 4 | c    | 59 | 65 | 8 | 4000 | Sc   | 7  | -   | 7  | 1019.7 | 0                                   | NNW | 3 | c    | 58 | 75 | 8 | 4000 | Sc   | 7  | -   | 7  | 3 |  |  |
| Roches Point                                  | 1014.0 | +1 | NNW | 5 | c    | 60 | 85 | 9 | 4000 | Sc   | 7  | -   | 7  | 1017.7 | 0                                   | NNW | 4 | bc   | 60 | 75 | 8 | 4000 | Cu   | 5  | -   | 5  | 3 |  |  |
| Pembroke (St. Ann's H.)                       | 1016.0 | +1 | N   | 4 | c    | 57 | 75 | 7 | 4000 | Sc   | 7  | -   | 7  | 1015.9 | 0                                   | N   | 4 | bc   | 59 | 75 | 8 | 4000 | Cu   | 4  | -   | 4  | 4 |  |  |
| Bomb-on-Wye                                   | 1013.1 | +2 | NNW | 5 | bc   | 63 | 55 | 9 | 4000 | Sc   | 7  | -   | 7  | 1013.6 | +1                                  | NNW | 5 | bc   | 62 | 55 | 9 | 4000 | Sc   | 4  | -   | 4  | 0 |  |  |
| Brass                                         | 1012.1 | 0  | N   | 4 | c    | 65 | 35 | 9 | -    | Cu   | 7  | -   | 7  | 1012.1 | +1                                  | N   | 5 | bc   | 63 | 55 | 9 | -    | Cu   | 5  | -   | 5  | 0 |  |  |
| Andover                                       | 1012.8 | 0  | WN  | 5 | c    | 66 | 55 | 8 | 4000 | Cu   | 7  | -   | 7  | 1013.4 | +1                                  | N   | 6 | bc   | 63 | 55 | 8 | 4000 | Sc   | 6  | -   | 6  | 0 |  |  |
| S. Farnborough                                | 1012.6 | 0  | WSW | 4 | c    | 66 | 45 | 8 | 2500 | Cu   | 8  | -   | 8  | 1012.5 | +1                                  | NW  | 3 | c    | 65 | 55 | 8 | 2500 | Cu   | 6  | Cu  | 7  | 0 |  |  |
| London (Kew Obs.)                             | 1012.0 | 0  | N   | 4 | ct   | 64 | 55 | 8 | 4000 | Sc   | 7  | -   | 7  | 1012.7 | +1                                  | N   | 4 | b    | 66 | 45 | 8 | 4000 | Cu   | 2  | AST | 3  | 0 |  |  |
| Oxford                                        | 1012.4 | 0  | NNW | 2 | c    | 63 | 55 | 8 | 4000 | Sc   | 8  | -   | 8  | 1012.5 | +1                                  | NNW | 4 | c    | 64 | 45 | 8 | 4000 | Cu   | 7  | -   | 7  | 0 |  |  |
| Olveston-on-Sea                               | 1011.0 | 0  | WN  | 4 | ct   | 66 | 45 | 8 | 4000 | Cu   | 8  | -   | 8  | 1011.9 | +1                                  | NNW | 5 | c    | 65 | 55 | 7 | 4000 | Cu   | 5  | Acu | 7  | 4 |  |  |
| Shoeburyness                                  | 1011.0 | 0  | WN  | 4 | ct   | 66 | 45 | 8 | 4000 | Cu   | 8  | -   | 8  | 1011.3 | 0                                   | NNW | 4 | b    | 66 | 45 | 9 | 7100 | Sc   | 3  | -   | 3  | 0 |  |  |
| Grain                                         | 1011.4 | 0  | WS  | 5 | bc   | 67 | 45 | 8 | 4000 | Sc   | 6  | -   | 6  | 1011.5 | +1                                  | WN  | 6 | b    | 65 | 45 | 8 | 5700 | Sc   | 3  | -   | 3  | 0 |  |  |
| Lymington                                     | 1011.9 | -1 | NNW | 5 | c    | 64 | 45 | 8 | 2500 | Cu   | 8  | -   | 8  | 1011.8 | 0                                   | NW  | 4 | c    | 64 | 55 | 8 | 4000 | Cu   | 7  | -   | 7  | 0 |  |  |
| Bally (St. Mary's)                            | 1013.5 | +2 | NNW | 4 | bc   | 65 | 65 | 8 | 4000 | Cu   | 6  | -   | 6  | 1013.8 | 0                                   | NNW | 4 | bc   | 61 | 75 | 8 | 4000 | Cu   | 4  | -   | 4  | 4 |  |  |
| Plymouth (Pendennis)                          | 1017.0 | +1 | NNW | 4 | bc   | 63 | 55 | 8 | 4000 | Sc   | 6  | -   | 6  | 1016.9 | 0                                   | NNW | 4 | b    | 63 | 55 | 8 | 5700 | Cu   | 3  | -   | 3  | 0 |  |  |
| Plymouth (Cattewater)                         | 1016.7 | +1 | NNW | 4 | o    | 63 | 55 | 9 | 2500 | Sc   | 9  | -   | 9  | 1017.1 | 0                                   | NW  | 4 | bc   | 62 | 65 | 8 | 4000 | Cu   | 5  | -   | 5  | 0 |  |  |
| Portland Bill                                 | 1014.8 | +2 | NNW | 5 | bc   | 63 | 75 | 7 | 2500 | Cu   | 4  | -   | 4  | 1014.8 | 0                                   | NNW | 5 | bc   | 62 | 75 | 8 | 2500 | Cu   | 4  | -   | 4  | 5 |  |  |
| Southampton (Calshot)                         | 1013.7 | 0  | NNW | 5 | c    | 64 | 55 | 8 | 4000 | Sc   | 8  | -   | 8  | 1014.1 | +1                                  | SW  | 5 | b    | 64 | 55 | 8 | 4000 | Cu   | 1  | Cu  | 2  | 3 |  |  |
| Dungeness                                     | 1012.7 | +2 | WSW | 4 | bc   | 66 | 45 | 8 | 4000 | Cu   | 5  | -   | 5  | 1012.7 | -1                                  | WSW | 5 | bc   | 61 | 75 | 8 | 4000 | Cu   | 5  | -   | 5  | 5 |  |  |
| Jersey                                        | 1017.4 | 0  | WN  | 4 | o    | 64 | 75 | 8 | 4000 | Sc   | 10 | -   | 10 | 1017.3 | 0                                   | NNW | 4 | b    | 64 | 65 | 8 | -    | -    | 0  | U   | 3  | 0 |  |  |
| Guernsey                                      | 1017.8 | 0  | NNW | 3 | bc   | 61 | 75 | 8 | *    | Cu   | 4  | Cu  | 1  | 1017.9 | +1                                  | WN  | 3 | b    | 61 | 65 | 7 | -    | -    | 0  | Acu | 2  | 0 |  |  |
| LONDON OBSERVATIONS.                          |        |    |     |   |      |    |    |   |      |      |    |     |    |        | COOK FOR STATE OF GROUND.           |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| WEATHER.                                      |        |    |     |   |      |    |    |   |      |      |    |     |    |        | POLE STAR RECORD at Greenwich Obsy. |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| TEMPERATURE.                                  |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 24 Hr. ended 1800 G.M.T. 26th.      |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| RAIN-FALL.                                    |        |    |     |   |      |    |    |   |      |      |    |     |    |        | South Kensington                    |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| SUN-SHINE.                                    |        |    |     |   |      |    |    |   |      |      |    |     |    |        | Max. Time Min. Time                 |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| HUMIDITY.                                     |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 0.3 18h. 25h. 0.3 2h. 26h.          |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| ATMOSPHERIC POLLUTION.                        |        |    |     |   |      |    |    |   |      |      |    |     |    |        | Kew Observatory                     |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| Milligrams of Solid Impurity per cubic metre. |        |    |     |   |      |    |    |   |      |      |    |     |    |        | Max. Time Min. Time                 |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 24 Hr. ended 1800 G.M.T. 25th.                |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 0.4 17h. 25h. 0.4 2h. 26h.          |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| Exposures from 26th 21h. 15m.                 |        |    |     |   |      |    |    |   |      |      |    |     |    |        | Polaris 530 530 100                 |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 27th 02h. 15m.                                |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 2 Urano 530 530 100                 |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| Stars Expo. Recd.                             |        |    |     |   |      |    |    |   |      |      |    |     |    |        | Minoris 530 530 100                 |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| h. m. h. m. %                                 |        |    |     |   |      |    |    |   |      |      |    |     |    |        | h. m. h. m. %                       |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |
| 530 530 100                                   |        |    |     |   |      |    |    |   |      |      |    |     |    |        | 530 530 100                         |     |   |      |    |    |   |      |      |    |     |    |   |  |  |



| STATIONS.                   | SUMMARIES FOR THE PAST 24 HOURS. |                   |                   |                 |                          |                            |                      |                         |                           |                         |                         |      | SUN.<br>26th<br>Hours. |
|-----------------------------|----------------------------------|-------------------|-------------------|-----------------|--------------------------|----------------------------|----------------------|-------------------------|---------------------------|-------------------------|-------------------------|------|------------------------|
|                             | WEATHER.                         |                   |                   |                 | TEMPERATURE.             |                            |                      | RAINFALL†               |                           |                         |                         |      |                        |
|                             | 7h.-15h.<br>26th                 | 15h.-18h.<br>26th | 18h.-24h.<br>26th | 1h.-7h.<br>27th | MAX.<br>Day.<br>7h.-15h. | MIN.<br>Night.<br>18h.-7h. | MIN.<br>on<br>Grass. | Day.<br>7h.-15h.<br>mm. | Night.<br>18h.-7h.<br>mm. | Precipitation<br>began. | Precipitation<br>began. |      |                        |
| Lerwick ...                 | omr                              | omr               | c                 | p               | 53                       | 47                         | .                    | 3                       | .                         | 4000                    | -                       | 4.3  |                        |
| Stornoway ...               | p                                | p                 | c                 | p               | 56                       | 50                         | .                    | 3                       | 1                         | -                       | -                       | 7.3  |                        |
| Wick ...                    | opbc                             | o                 | obqbc             | c               | 54                       | 44                         | .                    | 1                       | 0.2                       | 4000                    | 2100                    | 8.9  |                        |
| Onstlebay ...               | opbc                             | opbc              | obqbc             | oc              | 56                       | 50                         | .                    | 0.3                     | -                         | -                       | -                       | 3.4  |                        |
| Nairn ...                   | opbc                             | opbc              | obqbc             | oc              | 58                       | 50                         | .                    | 4                       | -                         | 0900                    | -                       | 4.0  |                        |
| Aberdeen ...                | poor                             | irbcq             | opbc              | oc              | 60                       | 48                         | 43                   | 3                       | Trace                     | 1100                    | 24.00                   | 9.5  |                        |
| Malin Head ...              | Pr                               | Pr                | bcu               | comr            | 54                       | 50                         | .                    | 4                       | 0.5                       | 4000                    | 24.00                   | 11.8 |                        |
| Renfrew ...                 | epbc                             | epbc              | epbc              | bcu             | 53                       | 49                         | 47                   | -                       | -                         | -                       | -                       | 11.5 |                        |
| Edinburgh (Inchkeith) ...   | epbc                             | epbc              | epbc              | c               | 59                       | 49                         | 47                   | -                       | Trace                     | -                       | 2100                    | 12.2 |                        |
| Leuchars ...                | bcu                              | bcu               | bcu               | bcu             | 55                       | 46                         | 34                   | 2                       | -                         | 1230                    | -                       | 11.1 |                        |
| Blackd Point ...            | bcu                              | bcu               | bcu               | bcu             | 59                       | 44                         | 40                   | 0.2                     | -                         | 0900                    | -                       | 11.1 |                        |
| Donaghadee ...              | bcu                              | bcu               | bcu               | bcu             | 65                       | 47                         | 43                   | -                       | Trace                     | -                       | 2100                    | 11.1 |                        |
| Birr Castle ...             | bcu                              | bcu               | bcu               | bcu             | 61                       | 53                         | 51                   | -                       | -                         | -                       | -                       | 11.1 |                        |
| Holyhead ...                | bcu                              | bcu               | bcu               | bcu             | 61                       | 52                         | 47                   | -                       | -                         | -                       | -                       | 11.1 |                        |
| Liverpool (Bidston) ...     | bcu                              | bcu               | bcu               | bcu             | 61                       | 52                         | 47                   | -                       | -                         | -                       | -                       | 11.1 |                        |
| Chester (Shotwick) ...      | bcu                              | bcu               | bcu               | bcu             | 66                       | 51                         | 47                   | Trace                   | -                         | 1530                    | -                       | 11.1 |                        |
| Spurn Head ...              | bcu                              | bcu               | bcu               | bcu             | 61                       | 53                         | .                    | Trace                   | -                         | 1430                    | -                       | 11.1 |                        |
| Birmingham (Edgbaston) ...  | bcu                              | bcu               | bcu               | bcu             | 62                       | 48                         | 43                   | -                       | -                         | -                       | -                       | 11.1 |                        |
| Nottingham ...              | bcu                              | bcu               | bcu               | bcu             | 64                       | 51                         | 44                   | -                       | -                         | -                       | -                       | 11.1 |                        |
| Cranwell ...                | bcu                              | bcu               | bcu               | bcu             | 65                       | 44                         | 42                   | -                       | -                         | -                       | -                       | 11.1 |                        |
| Gorleston ...               | bcu                              | bcu               | bcu               | bcu             | 66                       | 48                         | 47                   | -                       | -                         | -                       | -                       | 11.1 |                        |
| Valencia (Cahirovee) ...    | bcu                              | bcu               | bcu               | bcu             | 60                       | 53                         | 53                   | -                       | 1                         | -                       | 0530                    | 3.0  |                        |
| Reebee Point ...            | bcu                              | bcu               | bcu               | bcu             | 64                       | 54                         | .                    | -                       | -                         | -                       | -                       | 3.0  |                        |
| Pembroke (St. Ann's H.) ... | bcu                              | bcu               | bcu               | bcu             | 59                       | 52                         | .                    | -                       | -                         | -                       | -                       | 3.0  |                        |
| Ross-on-Wye ...             | bcu                              | bcu               | bcu               | bcu             | 66                       | 50                         | 45                   | -                       | -                         | -                       | -                       | 11.1 |                        |
| Benson ...                  | bcu                              | bcu               | bcu               | bcu             | 68                       | 42                         | 33                   | -                       | -                         | -                       | -                       | 11.1 |                        |
| Andover ...                 | bcu                              | bcu               | bcu               | bcu             | 67                       | 42                         | 35                   | -                       | -                         | -                       | -                       | 13.2 |                        |
| S. Farnborough ...          | bcu                              | bcu               | bcu               | bcu             | 71                       | 44                         | 40                   | -                       | -                         | -                       | -                       | 12.5 |                        |
| London (Kew Obs.) ...       | bcu                              | bcu               | bcu               | bcu             | 67                       | 49                         | 38                   | -                       | -                         | -                       | -                       | 11.6 |                        |
| Oxford ...                  | bcu                              | bcu               | bcu               | bcu             | 67                       | 49                         | 42                   | -                       | -                         | -                       | -                       | 12.4 |                        |
| Clacton-on-Sea ...          | bcu                              | bcu               | bcu               | bcu             | 68                       | 50                         | 46                   | -                       | -                         | -                       | -                       | 11.2 |                        |
| Shoeburyness ...            | bcu                              | bcu               | bcu               | bcu             | 69                       | 50                         | 45                   | -                       | -                         | -                       | -                       | 13.2 |                        |
| Grain ...                   | bcu                              | bcu               | bcu               | bcu             | 68                       | 49                         | 40                   | -                       | -                         | -                       | -                       | 12.2 |                        |
| Lympne ...                  | bcu                              | bcu               | bcu               | bcu             | 68                       | 43                         | 35                   | -                       | -                         | -                       | -                       | 14.1 |                        |
| Seilly (St. Mary's) ...     | bcu                              | bcu               | bcu               | bcu             | 65                       | 56                         | .                    | -                       | -                         | -                       | -                       | 8.0  |                        |
| Falmouth (Pendennis) ...    | bcu                              | bcu               | bcu               | bcu             | 65                       | 55                         | .                    | -                       | -                         | -                       | -                       | 10.5 |                        |
| Plymouth (Cattewater) ...   | bcu                              | bcu               | bcu               | bcu             | 65                       | 50                         | .                    | -                       | -                         | -                       | -                       | 9.8  |                        |
| Pertland Bill ...           | bcu                              | bcu               | bcu               | bcu             | 65                       | 56                         | .                    | -                       | -                         | -                       | -                       | 13.5 |                        |
| Southampton (Oval) ...      | bcu                              | bcu               | bcu               | bcu             | 68                       | 49                         | 46                   | -                       | -                         | -                       | -                       | 13.5 |                        |
| Dungeness ...               | bcu                              | bcu               | bcu               | bcu             | 66                       | 50                         | .                    | -                       | -                         | -                       | -                       | 9.5  |                        |
| Jersey ...                  | bcu                              | bcu               | bcu               | bcu             | 66                       | 55                         | .                    | -                       | -                         | -                       | -                       | 9.5  |                        |
| Guernsey ...                | bcu                              | bcu               | bcu               | bcu             | 64                       | 55                         | .                    | -                       | -                         | -                       | -                       | 9.5  |                        |



## GENERAL INFERENCE.

The depression which is approaching Ireland from the West will cause an interval of cool cloudy unsettled weather generally with south-westerly winds.

| Districts.                | Forecast for the 24 hours commencing 15h. G.M.T. Friday, 27th July, 1923.                                                        |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 1. S.E. England           | Moderate to strong southwesterly wind; much cloud, some rain; visibility moderate; cool.                                         |
| 2. E. England             |                                                                                                                                  |
| 3. E. Midlands            |                                                                                                                                  |
| 4. W. Midlands            |                                                                                                                                  |
| 5. S.W. England           | Moderate to strong S.W. wind, veering to West; much cloud, some rain, bright intervals later; visibility moderate or good; cool. |
| 6. South Wales            |                                                                                                                                  |
| 7. North Wales            |                                                                                                                                  |
| 8. N.W. England           |                                                                                                                                  |
| 9. N. Midlands            |                                                                                                                                  |
| 10. N.E. England          | As 1 - 3.                                                                                                                        |
| 11. E. Scotland           |                                                                                                                                  |
| 12. S.W. Scotland         | As 4 - 9.                                                                                                                        |
| 13. Isle of Man           |                                                                                                                                  |
| 14. N. & N.W. Scotland    |                                                                                                                                  |
| 15. Hebrides              | Moderate to strong S.W. wind, veering towards N.W.; much cloud, some rain, improving; visibility mainly good; cool.              |
| 16. Orkneys and Shetlands |                                                                                                                                  |
| 17. N.W. Ireland          |                                                                                                                                  |
| 18. N.E. Ireland          |                                                                                                                                  |
| 19. S.E. Ireland          |                                                                                                                                  |
| 20. S.W. Ireland          |                                                                                                                                  |

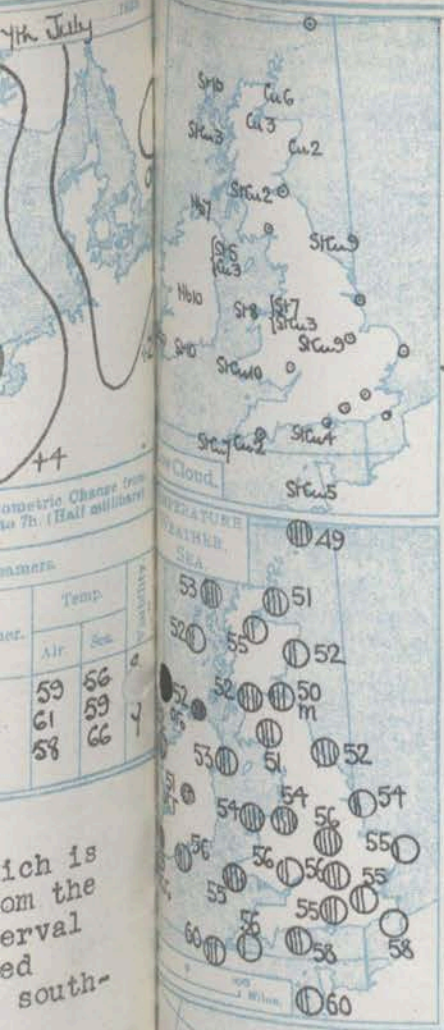
Further Outlook.

Alternating periods of fair and unsettled weather with moderate temperature.



# SYNOPTIC CHART FOR 7h. FRIDAY, 27<sup>TH</sup> JULY 1923.

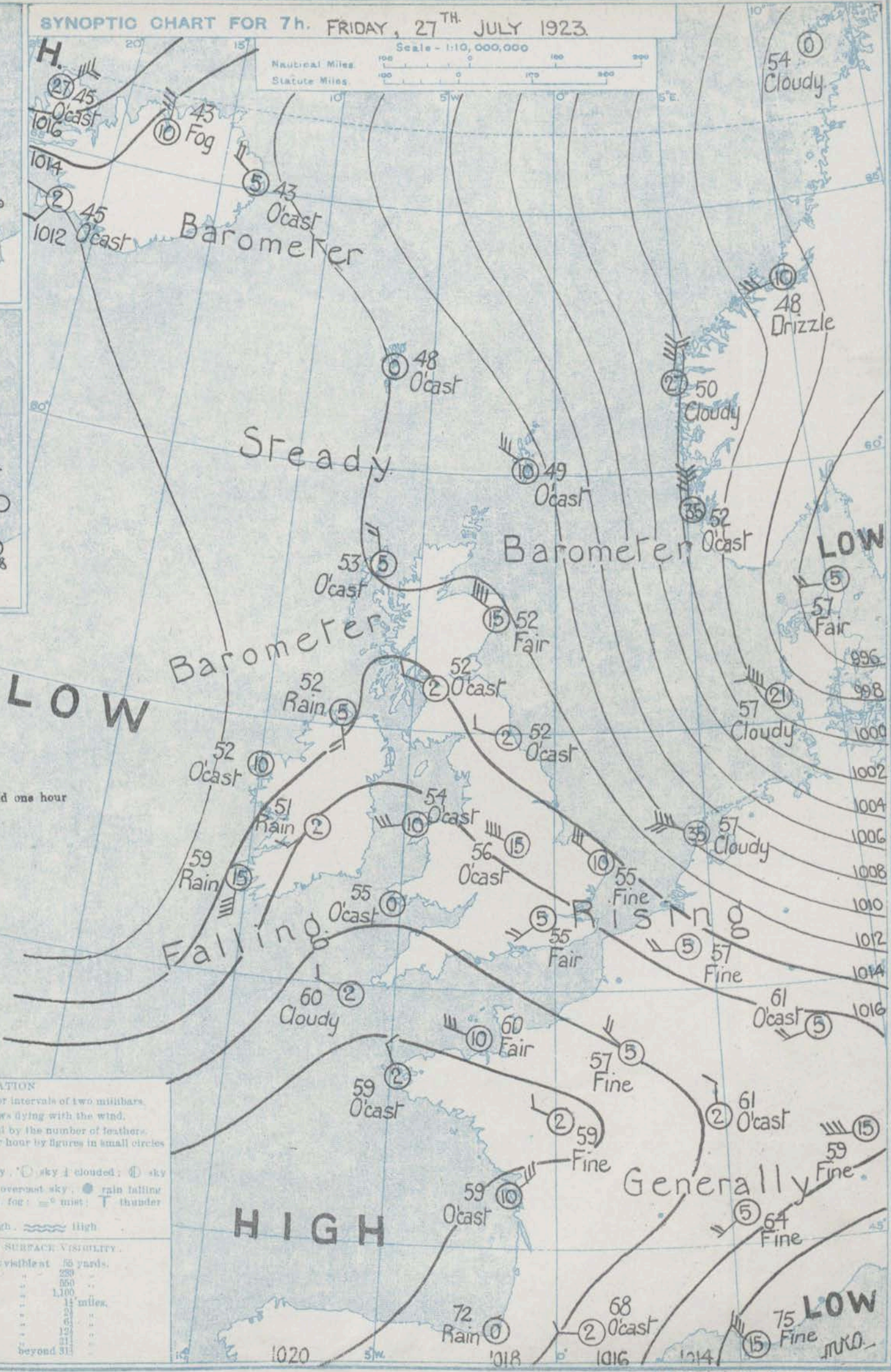
Scale - 1:10,000,000  
Nautical Miles 100 200 300  
Statute Miles 100 200 300



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**EXPLANATION**

Isobars are drawn for intervals of two millibars.  
Direction is shown by arrows flying with the wind.  
To the scale 0-12 is indicated by the number of feathers.  
Velocity is shown in miles per hour by figures in small circles.  
TEMPERATURE is given in °F.

**SYMBOLS**

○ clear sky, ○ sky 1 clouded, ○ sky 2 clouded, ○ sky 3 clouded, ○ overcast sky, ● rain falling, ▲ hail, = fog, = mist, T thunder

**CONFIDENCE**

Rough, High

**TELEGRAPHIC CODE FOR SURFACE VISIBILITY.**

|                                                |           |
|------------------------------------------------|-----------|
| 0. Dense fog. Objects not visible at 50 yards. | 280       |
| 1. Rather thick fog                            | 550       |
| 2. Very bad                                    | 1,100     |
| 3. Bad                                         | 1,100     |
| 4. Very poor                                   | 1,100     |
| 5. Poor                                        | 1,100     |
| 6. Moderate                                    | 1,100     |
| 7. Good                                        | 1,100     |
| 8. Very good                                   | 1,100     |
| 9. Excellent.                                  | 1,100     |
|                                                | beyond 31 |



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION.....Friday, 24th July.....1923. No. 208.

| Page 4.                 |                              | BRITISH SECTION.....Friday, 24th July.....1923. |                    |       |       |          |           |             |                  |             |      |      |             |                  |                    | No. 208.                                    |      |          |           |             |                  |        |             |      |      |             |            |      |      |
|-------------------------|------------------------------|-------------------------------------------------|--------------------|-------|-------|----------|-----------|-------------|------------------|-------------|------|------|-------------|------------------|--------------------|---------------------------------------------|------|----------|-----------|-------------|------------------|--------|-------------|------|------|-------------|------------|------|------|
|                         |                              | Observations at 0100 G.M.T. .... 24th .....     |                    |       |       |          |           |             |                  |             |      |      |             |                  |                    | Observations at 0700 G.M.T. .... 24th ..... |      |          |           |             |                  |        |             |      |      |             |            |      |      |
| STATIONS.               | Height above M.S.L. in feet. | Barom. at M.S.L.                                | Change in 3 hours. | Wind. |       | Weather. | Temp. °F. | Humidity. % | Visibility. 0-10 | Cloud.      |      |      |             | Barom. at M.S.L. | Change in 3 hours. | Wind.                                       |      | Weather. | Temp. °F. | Humidity. % | Visibility. 0-10 | Cloud. |             |      |      |             |            |      |      |
|                         |                              |                                                 |                    | Dir.  | Force |          |           |             |                  | Height Feet | Low. |      | Upper Form. |                  |                    | Total Amt.                                  | Dir. |          |           |             |                  | Force  | Height Feet | Form | Amt. | Upper Form. | Total Amt. |      |      |
|                         |                              |                                                 |                    |       |       |          |           |             |                  |             | 0-10 | 0-10 |             |                  |                    |                                             |      |          |           |             |                  |        |             |      |      |             |            | 0-10 | 0-10 |
| Lerwick                 | 54                           | 1007.5                                          | +3                 | NW    | 3     | o/p      | 48        | 75          | 7                | 4000        | Nb   | 4    | ASr         | 10               | 1010.2             | +3                                          | NW   | 3        | o         | 49          | 75               | 8      | 4500        | St   | 10   | 10          | 2          |      |      |
| Stornoway               | 51                           | 1012.8                                          | +4                 | NW    | 2     | o        | 48        | 75          | 8                | 4000        | CuNb | 2    | -           | 2                | 1011.9             | +3                                          | NNW  | 2        | o/p       | 50          | 75               | 8      | 5400        | St   | 6    | 6           | 0          |      |      |
| Wick                    | 81                           | 1003.0                                          | +3                 | NNW   | 3     | o        | 48        | 92          | 8                | 4000        | CuNb | 2    | -           | 2                | 1011.5             | 0                                           | NNW  | 1        | o         | 51          | 75               | 8      | 4000        | St   | 3    | 3           | 0          |      |      |
| Castlebay               | 37                           | 1003.0                                          | +3                 | -     | -     | -        | -         | -           | -                | -           | -    | -    | -           | -                | 1012.5             | 0                                           | -    | -        | o         | 52          | 75               | 8      | 4000        | St   | 4    | 4           | 0          |      |      |
| Nairn                   | 82                           | -                                               | -                  | -     | -     | -        | -         | -           | -                | -           | -    | -    | -           | -                | 1012.5             | 0                                           | -    | -        | o         | 52          | 75               | 8      | 4000        | St   | 4    | 4           | 0          |      |      |
| Aberdeen                | 46                           | -                                               | -                  | -     | -     | -        | -         | -           | -                | -           | -    | -    | -           | -                | 1012.4             | +2                                          | NW   | 4        | o         | 52          | 75               | 8      | 1500        | Cu   | 2    | 2           | 0          |      |      |
| Malin Head              | 71                           | 1015.2                                          | 0                  | NW    | 3     | o/p      | 53        | 92          | 8                | 5400        | CuNb | 2    | ACu         | 4                | 1013.8             | -2                                          | SSE  | 2        | o         | 52          | 75               | 8      | 5400        | Nb   | 4    | 4           | 0          |      |      |
| Renfrew                 | 49                           | -                                               | -                  | -     | -     | -        | -         | -           | -                | -           | -    | -    | -           | -                | 1014.0             | +4                                          | NNW  | 1        | o         | 52          | 75               | 8      | 5400        | St   | 2    | 2           | 0          |      |      |
| Edinburgh (Inchkeith)   | 180                          | 1010.3                                          | +5                 | W     | 4     | bc/r     | 52        | 85          | 8                | -           | -    | 0    | ACu         | 4                | 1012.9             | +4                                          | SW   | 4        | o         | 54          | 75               | 8      | 5400        | St   | 2    | 2           | 0          |      |      |
| Leuchars                | 36                           | -                                               | -                  | -     | -     | -        | -         | -           | -                | -           | -    | -    | -           | -                | 1012.9             | +5                                          | NW   | 1        | o         | 54          | 75               | 8      | 5400        | St   | 2    | 2           | 0          |      |      |
| Baldernair              | 794                          | -                                               | -                  | -     | -     | -        | -         | -           | -                | -           | -    | -    | -           | -                | 1013.7             | +2                                          | S    | 1        | o         | 51          | 75               | 8      | 4000        | St   | 2    | 2           | 0          |      |      |
| Tynemouth               | 118                          | 1008.6                                          | +3                 | W     | 2     | b        | 50        | 85          | 7                | 800         | St   | 2    | ACu         | 3                | 1013.3             | +4                                          | NNW  | 1        | o         | 53          | 75               | 8      | 4000        | St   | 2    | 2           | 0          |      |      |
| Blackhead Point         | 10                           | 1016.4                                          | -2                 | -     | -     | o        | 52        | 85          | 7                | -           | -    | -    | -           | 10               | 1015.2             | -2                                          | N    | 3        | o         | 52          | 75               | 8      | 4000        | St   | 2    | 2           | 0          |      |      |
| Donaghadee              | 35                           | -                                               | -                  | -     | -     | -        | -         | -           | -                | -           | -    | -    | -           | -                | 1015.6             | 0                                           | SW   | 1        | o         | 52          | 75               | 8      | 4000        | St   | 2    | 2           | 0          |      |      |
| Birr Castle             | 175                          | -                                               | -                  | -     | -     | -        | -         | -           | -                | -           | -    | -    | -           | -                | 1016.6             | 0                                           | SW   | 1        | o         | 52          | 75               | 8      | 4000        | St   | 2    | 2           | 0          |      |      |
| Holyhead                | 26                           | 1015.4                                          | 0                  | NNW   | 5     | bc       | 55        | 85          | 8                | 4000        | Cu   | 1    | ACu         | 6                | 1015.5             | +1                                          | WS   | 3        | o         | 54          | 75               | 8      | 4000        | St   | 2    | 2           | 0          |      |      |
| Liverpool (Bidston)     | 189                          | -                                               | -                  | -     | -     | -        | -         | -           | -                | -           | -    | -    | -           | -                | 1016.0             | +1                                          | W    | 3        | o         | 54          | 75               | 8      | 4000        | St   | 2    | 2           | 0          |      |      |
| Chester (Bosworth)      | 16                           | -                                               | -                  | -     | -     | -        | -         | -           | -                | -           | -    | -    | -           | -                | 1016.0             | +2                                          | NNW  | 3        | o         | 54          | 75               | 8      | 4000        | St   | 2    | 2           | 0          |      |      |
| Spurn Head              | 26                           | 1009.3                                          | +2                 | W     | 1     | b        | 54        | 92          | 8                | -           | -    | 0    | -           | 0                | 1014.0             | +5                                          | NW   | 3        | o         | 54          | 75               | 8      | 4000        | St   | 2    | 2           | 0          |      |      |
| Birmingham (Edgbaston)  | 525                          | -                                               | -                  | -     | -     | -        | -         | -           | -                | -           | -    | -    | -           | -                | 1015.2             | +2                                          | W    | 4        | o         | 54          | 75               | 8      | 4000        | St   | 2    | 2           | 0          |      |      |
| Nottingham              | 82                           | -                                               | -                  | -     | -     | -        | -         | -           | -                | -           | -    | -    | -           | -                | 1015.2             | +2                                          | NNW  | 4        | o         | 54          | 75               | 8      | 4000        | St   | 2    | 2           | 0          |      |      |
| Cranwell                | 237                          | 1012.6                                          | +3                 | W     | 4     | b        | 49        | 92          | 8                | -           | -    | 0    | -           | 0                | 1015.0             | +4                                          | N    | 3        | o         | 53          | 75               | 8      | 4000        | St   | 2    | 2           | 0          |      |      |
| Gorleston               | 13                           | 1011.0                                          | +1                 | NNW   | 4     | b        | 53        | 85          | 7                | 5400        | Cu   | 2    | -           | 2                | 1014.1             | +2                                          | NW   | 3        | o         | 53          | 75               | 8      | 4000        | St   | 2    | 2           | 0          |      |      |
| Valencia (Cahirciveen)  | 30                           | 1018.4                                          | +2                 | -     | 0     | od       | 56        | 92          | 8                | -           | -    | 0    | ASr         | 10               | 1014.8             | -4                                          | S    | 4        | o         | 53          | 75               | 8      | 4500        | St   | 10   | 10          | 0          |      |      |
| Roche Point             | 32                           | -                                               | -                  | -     | -     | -        | -         | -           | -                | -           | -    | -    | -           | -                | 1016.3             | -2                                          | SW   | 1        | o         | 53          | 75               | 8      | 4500        | St   | 10   | 10          | 0          |      |      |
| Pembroke (St. Ann's H.) | 149                          | 1017.5                                          | 0                  | NNW   | 2     | bc       | 54        | 85          | 8                | 4000        | Cu   | 5    | -           | 5                | 1017.4             | 0                                           | SW   | 1        | o         | 53          | 75               | 8      | 4000        | St   | 10   | 10          | 0          |      |      |
| Rose-on-Wye             | 223                          | -                                               | -                  | -     | -     | -        | -         | -           | -                | -           | -    | -    | -           | -                | 1017.0             | +1                                          | SW   | 1        | o         | 53          | 75               | 8      | 4000        | St   | 10   | 10          | 0          |      |      |
| Bansloe                 | 188                          | -                                               | -                  | -     | -     | -        | -         | -           | -                | -           | -    | -    | -           | -                | 1017.0             | +2                                          | W    | 3        | o         | 54          | 75               | 8      | 4000        | St   | 10   | 10          | 0          |      |      |
| Andover                 | 295                          | -                                               | -                  | -     | -     | -        | -         | -           | -                | -           | -    | -    | -           | -                | 1014.4             | +2                                          | W    | 3        | o         | 54          | 75               | 8      | 4000        | Cu   | 2    | 2           | 0          |      |      |
| S. Farnborough          | 280                          | -                                               | -                  | -     | -     | -        | -         | -           | -                | -           | -    | -    | -           | -                | 1014.5             | +3                                          | NNW  | 2        | o         | 54          | 75               | 8      | 4000        | Cu   | 2    | 2           | 0          |      |      |
| London (Kew Obs.)       | 18                           | -                                               | -                  | -     | -     | -        | 62        | -           | -                | -           | -    | -    | -           | -                | 1014.5             | +3                                          | SW   | 2        | o         | 54          | 75               | 8      | 4000        | Cu   | 2    | 2           | 0          |      |      |
| Croydon                 | 244                          | 1015.4                                          | +3                 | W     | 2     | b        | 52        | 75          | 8                | -           | -    | 0    | -           | 0                | 1016.3             | +2                                          | W    | 2        | o         | 53          | 75               | 8      | 4000        | Cu   | 2    | 2           | 0          |      |      |
| Clacton-on-Sea          | 54                           | -                                               | -                  | -     | -     | -        | -         | -           | -                | -           | -    | -    | -           | -                | 1015.4             | +3                                          | NNW  | 3        | o         | 54          | 75               | 8      | 4000        | Cu   | 2    | 2           | 0          |      |      |
| Rhoebury Ness           | 11                           | -                                               | -                  | -     | -     | -        | -         | -           | -                | -           | -    | -    | -           | -                | 1016.2             | +3                                          | NNW  | 4        | o         | 54          | 75               | 8      | 4000        | Cu   | 2    | 2           | 0          |      |      |
| Grain                   | 20                           | -                                               | -                  | -     | -     | -        | -         | -           | -                | -           | -    | -    | -           | -                | 1016.1             | +2                                          | NNW  | 4        | o         | 54          | 75               | 8      | 4000        | Cu   | 2    | 2           | 0          |      |      |
| Lymington               | 350                          | 1014.6                                          | +2                 | NW    | 3     | b        | 49        | 85          | 6                | -           | -    | 0    | -           | 0                | 1016.2             | +2                                          | NNW  | 3        | o         | 54          | 75               | 8      | 4000        | Cu   | 2    | 2           | 0          |      |      |
| Billy (St. Mary's)      | 131                          | 1012.6                                          | +2                 | NNW   | 2     | o        | 54        | 92          | 8                | 4000        | Cu   | 4    | -           | 4                | 1013.0             | -2                                          | NNW  | 1        | o         | 56          | 75               | 8      | 4000        | St   | 4    | 4           | 0          |      |      |
| Falmouth (Pendennis)    | 200                          | 1015.2                                          | +1                 | NNW   | 1     | bc       | 55        | 85          | 8                | 5400        | Cu   | 3    | -           | 3                | 1013.3             | 0                                           | -    | -        | o         | 56          | 75               | 8      | 5400        | Cu   | 4    | 4           | 0          |      |      |
| Plymouth (Cattewater)   | 82                           | -                                               | -                  | -     | -     | -        | -         | -           | -                | -           | -    | -    | -           | -                | 1013.6             | 0                                           | -    | -        | o         | 56          | 75               | 8      | 5400        | Cu   | 4    | 4           | 0          |      |      |
| Portland Bill           | 19                           | 1017.2                                          | +2                 | NW    | 4     | b        | 53        | 85          | 7                | -           | -    | 0    | -           | 0                | 1017.0             | 0                                           | NNW  | 3        | o         | 54          | 75               | 8      | 4000        | St   | 4    | 4           | 0          |      |      |
| Southampton (On. shot)  | 12                           | 1016.6                                          | +2                 | WSW   | 4     | o        | 52        | 85          | 8                | -           | -    | 0    | -           | 0                | 1017.1             | +1                                          | NNW  | 3        | o         | 54          | 75               | 8      | 4000        | St   | 4    | 4           | 0          |      |      |
| Dunstable               | 21                           | 1014.9                                          | +3                 | SW    | 3     | o        | 54        | 85          | 8                | -           | -    | 0    | -           | 0                | 1016.3             | +3                                          | NNW  | 3        | o         | 54          | 75               | 8      | 4000        | St   | 4    | 4           | 0          |      |      |
| Jersey                  | 25                           | -                                               | -                  | -     | -     | -        | -         | -           | -                | -           | -    | -    | -           | -                | 1016.3             | +3                                          | NNW  | 3        | o         | 54          | 75               | 8      | 4000        | St   | 4    | 4           | 0          |      |      |
| Guernsey                | -                            | 1013.6                                          | +1                 | NW    | 3     | b        | 56        | 85          | 6                | -           | -    | 0    | -           | 0                | 1013.3             | +2                                          | NNW  | 2        | o         | 53          | 75               | 8      | 4000        | St   | 4    | 4           | 0          |      |      |

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

| WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 26th JULY |            |             |              |           |                |             |                 |                    |                      |            |             |              |           |                |             |                 |                    |
|-----------------------------------------------------------------------------|------------|-------------|--------------|-----------|----------------|-------------|-----------------|--------------------|----------------------|------------|-------------|--------------|-----------|----------------|-------------|-----------------|--------------------|
| STATIONS.                                                                   | WEATHER.   |             | TEMPERATURE. |           | RAINFALL†      |             | SUNSHINE.       |                    | STATIONS.            | WEATHER.   |             | TEMPERATURE. |           | RAINFALL†      |             | SUNSHINE.       |                    |
|                                                                             | Fore-noon. | After-noon. | Min. Night.  | Max. Day. | Night 17h-24h. | Day 0h-17h. | Sunrise to 17h. | Sunrise to Sunset. |                      | Fore-noon. | After-noon. | Min. Night.  | Max. Day. | Night 17h-24h. | Day 0h-17h. | Sunrise to 17h. | Sunrise to Sunset. |
|                                                                             |            |             |              |           |                |             |                 |                    |                      |            |             |              |           |                |             |                 |                    |
|                                                                             |            |             | 26th         | 24th      | 26th-24h.      | 24th        | 24th            | 26th               |                      |            |             | 26th         | 24th      | 26th-24h.      | 24th        | 24th            | 26th               |
|                                                                             |            |             | °F.          | °F.       | mm.            | mm.         | hr.             | hr.                |                      |            |             | °F.          | °F.       | mm.            | mm.         | hr.             | hr.                |
| Montrose ...                                                                | cr         | r           | 50           | 69        | -              | 1           | 4.1             | 2.3                | Ilfracombe ...       | ocbc       | bc          | 57           | 62        | -              | -           | 7.7             | 2.4                |
| Berwick-on-Tweed                                                            | bcocg      | bcopr       | 51           | 64        | -              | 0.1         | 9.6             | 11.6               | Bude ...             | ocbc       | b           | 53           | 64        | -              | -           | 7.4             | 1.3                |
| Llandudno ...                                                               | c          | c           | 54           | 62        | 0.1            | -           | 3.2             | 4.3                | Pentance ...         | ocbc       | b           | 53           | 63        | -              | -           | 8.8             | 3.2                |
| Colwyn Bay ...                                                              | bc         | bcob        | 53           | 62        | -              | -           | 5.8             | 3.2                | Falnton ...          | ocbc       | bcg         | 52           | 70        | -              | -           | 8.2             | 2.0                |
| Rhyl ...                                                                    | cbe        | cbe         | 53           | 62        | -              | -           | 5.8             | 2.4                | Terquay ...          | ocbc       | b           | 53           | 70        | -              | -           | 8.1             | 2.0                |
| Southport ...                                                               | cq         | bc          | 54           | 62        | -              | -           | 6.6             | 3.2                | Weymouth ...         | ocbc       | bc          | 56           | 70        | -              | -           | -               | -                  |
| Blackpool ...                                                               | pb         | cop         | 54           | 62        | 0.2            | 0.4         | 3.3             | 4.6                | Bournemouth ...      | b          | b           | 53           | 70        | -              | -           | 10.5            | 0.7                |
| Ilkley ...                                                                  | pcbc       | pcob        | 50           | 62        | -              | 2           | 11.2            | 5.9                | Portsmouth (S. thea) | b          | b           | 57           | 69        | -              | -           | 11.4            | 0.0                |
| Harrrogate ...                                                              | c          | c           | 50           | 61        | -              | -           | 8.5             | 2.8                | Worthing ...         | b          | b           | 53           | 69        | 0.3            | -           | 11.9            | 0.0                |
| Skewness ...                                                                | bc         | obc         | 49           | 65        | -              | -           | 8.6             | 1.7                | Brighton ...         | bc         | bc          | 56           | 69        | -              | -           | 11.6            | 0.0                |
| Aberystwyth ...                                                             | oc         | b           | 55           | 62        | -              | -           | 7.0             | 4.0                | Eastbourne ...       | bc         | bc          | 55           | 69        | -              | -           | 10.4            | 0.0                |
| Bath ...                                                                    | bc         | bc          | 52           | 66        | -              | -           | 12.0            | 1.8                | Haslemere ...        | bc         | bc          | 52           | 66        | -              | -           | 11.9            | 0.0                |
| Leamington Spa ...                                                          | bc         | cb          | 49           | 64        | -              | -           | 9.0             | 5.0                | Folkestone ...       | bc         | bc          | 52           | 66        | -              | -           | 11.2            | 0.0                |
| Lowestoft ...                                                               | bc         | pcbc        | 54           | 66        | 0.2            | -           | 10.0            | 0.0                | Tanbridge Wells      | bc         | bc          | 51           | 65        | -              | -           | 11.2            | 0.0                |
| Felixstowe ...                                                              | bc         | cq          | 53           | 67        | -              | -           | 9.7             | 0.0                | Ramsgate ...         | bc         | bc          | 50           | 69        | -              | -           | 10.2            | 0.0                |
| Southend ...                                                                | bc         | bc          | 52           | 70        | 0.1            | -           | 11.2            | 0.0                | Margate ...          | bc         | bc          | 55           | 65        | -              | -           | 11.2            | 0.0                |
|                                                                             |            |             |              |           |                |             |                 |                    | Deal ...             | bc         | bc          | 55           | 65        | -              | -           | 11.2            | 0.0                |

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

\* Information for these columns not usually received.

† Trace = rain—no fall, but amount less than 0.1 mm

‡ For code see page 2

§ See footnote page 1



BRITISH SECTION.

No. B. 22528

Saturday, 28th July 1923.

Page 1.

| Observations at 1800 G.M.T. 24th |                       |                   |       |       |          |           |             |                 |         |       |         |      |                       |                   | Observations at 1800 G.M.T. 25th |         |          |           |             |                 |        |         |      |      |      |      |   |   |  |
|----------------------------------|-----------------------|-------------------|-------|-------|----------|-----------|-------------|-----------------|---------|-------|---------|------|-----------------------|-------------------|----------------------------------|---------|----------|-----------|-------------|-----------------|--------|---------|------|------|------|------|---|---|--|
| STATIONS                         | Barom. at M.S.L. m.b. | Change in 3 Hours | Wind. |       | Weather. | Temp. °F. | Humidity. % | Visibility. 0-9 | Cloud.  |       |         |      | Barom. at M.S.L. m.b. | Change in 3 Hours | Wind.                            |         | Weather. | Temp. °F. | Humidity. % | Visibility. 0-9 | Cloud. |         |      |      |      |      |   |   |  |
|                                  |                       |                   | Dir.  | Force |          |           |             |                 | Height. | Form. | Amount. | Dir. |                       |                   | Force                            | Height. |          |           |             |                 | Form.  | Amount. |      |      |      |      |   |   |  |
|                                  |                       |                   |       |       |          |           |             |                 |         |       |         |      |                       |                   |                                  |         |          |           |             |                 |        |         | 0-12 | 0-10 | 0-10 | 0-10 |   |   |  |
| (For heights see p. 2.)          |                       |                   |       |       |          |           |             |                 |         |       |         |      |                       |                   |                                  |         |          |           |             |                 |        |         |      |      |      |      |   |   |  |
| Lerwick                          | 1011.6                | +1                | NE    | 1     | C        | 52        | 75          | 8               | 7200    | Stc   | 6       | Cst  | 8                     | 1011.3            | 0                                | NW      | 1        | 0         | 51          | 75              | 7      | 4000    | Stc  | 10   | -    | 10   | 0 | 2 |  |
| Sornaway                         | 1011.8                | 0                 | SW    | 2     | OPR.     | 53        | 92          | 6               | 450     | St    | 10      | -    | 10                    | 1009.6            | -2                               | NW      | 3        | 0         | 54          | 92              | 7      | 4000    | Stc  | 4    | -    | 4    | 2 | 1 |  |
| Wick                             | 1012.6                | +1                | ESE   | 2     | b.       | 54        | 75          | 8               | 4000    | Cu    | 3       | AC   | 6                     | 1011.3            | -2                               | ESE     | 2        | 0         | 51          | 75              | 8      | 5700    | Stc  | 9    | -    | 9    | 1 | 2 |  |
| Castlebay                        | 1012.2                | 0                 | S     | 3     | b.       | 56        | 75          | 8               | 4000    | Stc   | 2       | Cst  | 3                     | 1008.8            | -3                               | ENE     | 3        | 0         | 55          | 75              | 8      | 2500    | St   | 10   | -    | 10   | 2 | 0 |  |
| Nairn                            | 1012.5                | +1                | E'S   | 3     | b.       | 61        | 65          | 8               | 4000    | Cu    | 2       | Cc   | 3                     | 1009.8            | -2                               | E       | 1        | 0         | 57          | 85              | 7      | 4000    | Cu   | 4    | AC   | 7    | 0 | 0 |  |
| Aberdeen                         | 1013.5                | +1                | E'S   | 3     | b.       | 61        | 65          | 8               | 4000    | Cu    | 2       | Cc   | 3                     | 1012.2            | -2                               | ESE     | 2        | 0         | 52          | 85              | 7      | 2500    | Stc  | 10   | -    | 10   | 0 | 0 |  |
| Malla Head                       | 1011.1                | -3                | SSE   | 4     | C        | 59        | 75          | 9               | 5700    | Cu    | 6       | AC   | 8                     | 1006.2            | -4                               | ESE     | 3        | 0         | 59          | 97              | 7      | 800     | Nb   | 10   | -    | 10   | 2 | 0 |  |
| Renfrew                          | 1013.1                | -1                | SSW   | 2     | C        | 62        | 55          | 8               | 4000    | Stc   | 8       | -    | 8                     | 1010.6            | -4                               | WSW     | 2        | 0         | 59          | 65              | 7      | 4000    | Stc  | 3    | AST  | 10   | 0 | 0 |  |
| Edinburgh (Leith)                | 1013.0                | -2                | SSW   | 2     | bc       | 58        | 75          | 8               | 4000    | Cu    | 3       | AC   | 6                     | 1010.1            | -2                               | E       | 1        | 0         | 58          | 85              | 8      | -       | Cu   | 3    | AST  | 10   | 0 | 0 |  |
| Leith                            | 1012.9                | 0                 | SSW   | 2     | bc       | 59        | 65          | 8               | 5700    | Stc   | 9       | -    | 9                     | 1010.4            | -3                               | SE      | 3        | 0         | 57          | 65              | 8      | -       | -    | 0    | AC   | 6    | 0 | 0 |  |
| Blackburn                        | 1014.3                | -1                | S     | 3     | 0        | 60        | 65          | 8               | 4000    | Stc   | 9       | -    | 9                     | 1011.7            | -3                               | SW      | 3        | 0         | 54          | 65              | 7      | 4000    | Stc  | 2    | AST  | 10   | 0 | 0 |  |
| Tyemouth                         | 1014.3                | +1                | SSE   | 1     | 0        | 59        | 75          | 7               | -       | -     | 0       | AST  | 10                    | 1012.6            | -3                               | ESE     | 1        | 0         | 56          | 85              | 7      | -       | -    | 0    | AST  | 10   | 0 | 0 |  |
| Blackpool Point                  | 1008.1                | -4                | SSE   | 4     | 0        | 60        | 92          | 7               | -       | -     | 0       | AST  | 10                    | 1006.2            | -2                               | SW      | 2        | 0         | 59          | 97              | 6      | -       | -    | 0    | AST  | 10   | 4 | 0 |  |
| Donaghadee                       | 1014.4                | -1                | SSE   | 2     | bc       | 58        | 85          | 8               | 2500    | Cu    | 2       | Cst  | 6                     | 1010.8            | -4                               | SSE     | 3        | 0         | 52          | 97              | 6      | -       | -    | 0    | AST  | 10   | 2 | 0 |  |
| Birt Castle                      | 1011.4                | -1                | SE    | 1     | 0        | 57        | 97          | 6               | 2500    | Nb    | 10      | -    | 10                    | 1008.7            | -2                               | S       | 1        | 0         | 62          | 97              | 6      | 2500    | Nb   | 10   | -    | 10   | 0 | 0 |  |
| Holyhead                         | 1015.4                | -1                | SW    | 4     | 0        | 55        | 85          | 7               | 2500    | Nb    | 10      | -    | 10                    | 1010.6            | -6                               | SSE     | 4        | 0         | 56          | 97              | 8      | 800     | Nb   | 10   | -    | 10   | 3 | 0 |  |
| Liverpool (Bidston)              | 1015.4                | +1                | W     | 1     | 0        | 59        | 75          | 7               | 1500    | Cu    | 9       | -    | 9                     | 1011.8            | -4                               | SE      | 3        | 0         | 55          | 92              | 7      | 1500    | St   | 10   | -    | 10   | 3 | 0 |  |
| Chester (Shotwick)               | 1015.6                | -2                | WSW   | 2     | 0        | 61        | 65          | 8               | 2500    | Stc   | 10      | -    | 10                    | 1012.4            | -4                               | SSE     | 3        | 0         | 55          | 97              | 7      | 800     | St   | 8    | AST  | 10   | 0 | 0 |  |
| Spain Head                       | 1015.6                | +1                | NE    | 3     | bc       | 59        | 85          | 8               | 5700    | Cu    | 4       | Cc   | 6                     | 1013.8            | -3                               | ESE     | 4        | 0         | 56          | 92              | 8      | -       | -    | 0    | AST  | 10   | 3 | 0 |  |
| Birmingham (Edgbaston)           | 1016.5                | -1                | SW    | 2     | C        | 62        | 55          | 8               | 5700    | Cu    | 6       | Cc   | 8                     | 1014.2            | -2                               | SSW     | 3        | 0         | 58          | 75              | 5      | 4000    | Nb   | 10   | -    | 10   | 0 | 0 |  |
| Nottingham                       | 1015.6                | -1                | WSW   | 3     | C        | 62        | 65          | 8               | 2500    | Cu    | 4       | Cst  | 8                     | 1013.3            | -2                               | SW      | 2        | 0         | 60          | 75              | 8      | 2500    | Nb   | 10   | -    | 10   | 0 | 0 |  |
| Gravelly                         | 1016.2                | 0                 | WS    | 3     | C        | 63        | 65          | 7               | 2500    | Stc   | 8       | -    | 8                     | 1014.7            | -2                               | SW      | 2        | 0         | 62          | 65              | 7      | 4000    | St   | 8    | AST  | 10   | 0 | 0 |  |
| Gorton                           | 1016.2                | +2                | 0     | C     | 61       | 75        | 7           | 5700            | Stc     | 8     | -       | -    | 8                     | 1015.6            | -1                               | SE      | 3        | 0         | 59          | 85              | 7      | -       | -    | 0    | AC   | 7    | 0 | 0 |  |
| Valencia (Cabirolven)            | 1013.2                | -2                | SW    | 4     | 0/r      | 63        | 97          | 7               | 800     | St    | 10      | -    | 10                    | 1007.2            | -4                               | SW      | 5        | 0         | 62          | 97              | 6      | 800     | St   | 8    | AST  | 10   | 4 | 0 |  |
| Roches Point                     | 1011.9                | -3                | SW    | 2     | 0        | 63        | 85          | 8               | 2500    | Stc   | 10      | -    | 10                    | 1010.9            | -3                               | SW      | 3        | 0         | 62          | 97              | 7      | 800     | St   | 10   | -    | 10   | 0 | 0 |  |
| Pembroke (St. Ann's H.)          | 1016.6                | -2                | S     | 3     | 0/p      | 67        | 85          | 7               | 1500    | St    | 9       | -    | 9                     | 1012.8            | -3                               | WSW     | 5        | 0         | 59          | 97              | 8      | 1500    | Nb   | 9    | -    | 9    | 4 | 0 |  |
| Rose-on-Wye                      | 1016.8                | -2                | SW    | 3     | 0/p      | 62        | 63          | 8               | 4000    | Cu    | 5       | AST  | 10                    | 1014.3            | -3                               | SSW     | 2        | 0         | 57          | 85              | 7      | 2500    | St   | 10   | -    | 10   | 0 | 0 |  |
| Benson                           | 1016.3                | -1                | WSW   | 2     | 0        | 68        | 55          | 8               | -       | Cu    | 5       | AST  | 10                    | 1015.8            | -2                               | WSW     | 2        | 0         | 62          | 65              | 8      | -       | St   | 10   | -    | 10   | 0 | 0 |  |
| Andover                          | 1016.7                | 0                 | WSW   | 3     | 0        | 66        | 55          | 8               | 4000    | Stc   | 6       | Cst  | 9                     | 1015.4            | -2                               | SSW     | 3        | 0         | 60          | 75              | 8      | 2500    | Stc  | 8    | AST  | 10   | 0 | 0 |  |
| S. Farnborough                   | 1017.0                | +1                | W     | 3     | 0        | 68        | 55          | 8               | 4000    | Cu    | 7       | AST  | 10                    | 1015.3            | -2                               | WSW     | 4        | 0         | 64          | 65              | 8      | 2500    | Stc  | 10   | -    | 10   | 0 | 0 |  |
| London (Kew Obs.)                | 1016.9                | -2                | WSW   | 2     | C        | 65        | 55          | 8               | 2500    | Cu    | 2       | AC   | 8                     | 1015.1            | -2                               | WSW     | 3        | 0         | 65          | 55              | 8      | 4000    | Stc  | 3    | AST  | 10   | 0 | 0 |  |
| Croydon                          | 1016.9                | -1                | WSW   | 2     | 0        | 65        | 55          | 8               | 4000    | Cu    | 6       | Cst  | 9                     | 1015.4            | -2                               | W       | 3        | 0         | 63          | 65              | 8      | 4000    | Stc  | 6    | AST  | 10   | 0 | 0 |  |
| Disston-on-Sea                   | 1016.8                | +1                | NNW   | 2     | bc       | 67        | 45          | 8               | 5700    | Cu    | 2       | Cc   | 5                     | 1015.0            | -1                               | SSE     | 4        | 0         | 63          | 65              | 7      | 2500    | Cu   | 3    | AC   | 7    | 1 | 0 |  |
| Grain                            | 1016.7                | 0                 | N     | 3     | 0        | 67        | 45          | 8               | 4000    | Cu    | 3       | AC   | 9                     | 1015.2            | -1                               | SW      | 4        | 0         | 64          | 65              | 8      | 1500    | Stc  | 7    | AST  | 10   | 0 | 0 |  |
| Lymington                        | 1016.7                | 0                 | N     | 3     | 0        | 67        | 45          | 8               | 4000    | Cu    | 3       | AC   | 9                     | 1015.3            | -1                               | SW      | 4        | 0         | 63          | 65              | 8      | 5700    | Stc  | 10   | -    | 10   | 0 | 0 |  |
| Belly (St. Mary's)               | 1016.6                | -1                | WSW   | 4     | C        | 66        | 75          | 8               | 4000    | Stc   | 8       | -    | 8                     | 1016.9            | -2                               | W'S     | 3        | 0         | 64          | 85              | 8      | 4000    | Stc  | 8    | -    | 8    | 4 | 0 |  |
| Falmouth (Pendennis)             | 1016.3                | -1                | W     | 4     | 0        | 62        | 75          | 8               | 4000    | Stc   | 10      | -    | 10                    | 1016.8            | -2                               | W       | 3        | 0         | 60          | 97              | 7      | 1500    | Nb   | 10   | -    | 10   | 0 | 0 |  |
| Plymouth (Cattewater)            | 1016.1                | -1                | SSW   | 3     | 0        | 62        | 85          | 7               | 4000    | Stc   | 1       | AC   | 10                    | 1015.8            | -3                               | SW      | 3        | 0         | 59          | 97              | 6      | 4150    | St   | 10   | -    | 10   | 0 | 0 |  |
| Portland Bill                    | 1017.8                | -1                | NW    | 3     | bc       | 61        | 75          | 7               | 4000    | Stc   | 5       | -    | 5                     | 1017.1            | -4                               | SW      | 4        | 0         | 61          | 75              | 7      | -       | -    | 0    | AC   | 8    | 4 | 0 |  |
| Bournemouth (Calshot)            | 1017.6                | -2                | SW    | 3     | C        | 63        | 65          | 8               | 4000    | Cu    | 2       | Cst  | 7                     | 1016.1            | -2                               | SW      | 4        | 0         | 61          | 75              | 8      | 3700    | Cu   | 4    | AST  | 10   | 0 | 0 |  |
| Dungeness                        | 1017.2                | +2                | SW    | 4     | C        | 64        | 55          | 8               | 4000    | Cu    | 2       | AST  | 8                     | 1016.4            | -1                               | W       | 4        | 0         | 62          | 75              | 8      | -       | -    | 0    | Co   | 3    | 4 | 0 |  |
| Jersey                           | 1019.6                | 0                 | WSW   | 3     | bc       | 65        | 75          | 9               | 4000    | Stc   | 4       | -    | 4                     | 1017.6            | -1                               | WSW     | 3        | 0         | 64          | 75              | 8      | 4000    | Stc  | 4    | -    | 4    | 0 | 0 |  |
| Guernsey                         | 1020.2                | -1                | WSW   | 2     | bc       | 65        | 75          | 9               | -       | Cu    | 5       | -    | 5                     | 1019.6            | -2                               | WSW     | 3        | 0         | 62          | 75              | 8      | -       | -    | 0    | AC   | 7    | 0 | 0 |  |

| LONDON OBSERVATIONS.            |  |  |  |  |  |  |  |  |  | WEATHER. |            |        |          | TEMPERATURE. |                    |          |          | RAIN-FALL.    |              | SUN-SHINE.                     |     | HUMIDITY. |     | ATMOSPHERIC POLLUTION.       |     |     |     | POLE STAR RECORD at Greenwich Obsy. |     |     |     | CODE FOR STATE OF GROUND. |     |     |     |                    |     |     |     |         |     |     |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|---------------------------------|--|--|--|--|--|--|--|--|--|----------|------------|--------|----------|--------------|--------------------|----------|----------|---------------|--------------|--------------------------------|-----|-----------|-----|------------------------------|-----|-----|-----|-------------------------------------|-----|-----|-----|---------------------------|-----|-----|-----|--------------------|-----|-----|-----|---------|-----|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 34 HOURS ENDED 0000 G.M.T. 24th |  |  |  |  |  |  |  |  |  | Morning. | Afternoon. | Night. | Max. °F. | Min. °F.     | Min. on Grass. °F. | 1000 ft. | 1000 ft. | 15h. G.M.T. % | 8h. G.M.T. % | 24 Hrs. ended 1800 G.M.T. 24th |     |           |     | Exposure from 24th 21st 15th |     |     |     | Stars. Exposure. Record.            |     |     |     | Polaris 5.30 0.10 3.      |     |     |     | 3 Ursae 5.30 0.4 1 |     |     |     | Minoris |     |     |     | 0=Dry ground. 1=Wet ground. 2=Soft (muddy) wet ground. 3=Bare ground frozen (but less than 2 ins. deep). 4=Bare ground frozen (but more than 2 ins. deep). 5=Dew (or wet grass but not wet ground). 6=Skating to-day in 1890 and 1890 reports (1 hour frost in 1890 and 0700 reports). 7=Snow (thin layer often not continuous). 8=Snow (deep, impeding traffic, usually a continuous layer). 9=Glazed roads (ice on roads from frozen rain or melted snow). |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 34 HOURS ENDED 0000 G.M.T. 24th |  |  |  |  |  |  |  |  |  | bccy     | oay        | oay    | .        | .            | 56                 | 0.2      | 5.3      | .             | 0.3          | 21h 20h                        | 0.3 | 21h       | 0.3 | 21h                          | 0.3 | 21h | 0.3 | 21h                                 | 0.3 | 21h | 0.3 | 21h                       | 0.3 | 21h | 0.3 | 21h                | 0.3 | 21h | 0.3 | 21h     | 0.3 | 21h | 0.3 | 21h                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 | 21h | 0.3 |

| LONDON OBSERVATIONS.            |  |  |  |  |  |  |  |  |  | WEATHER.                        |  |  |  |  |  |  |  |  |  | TEMPERATURE.                    |  |  |  |  |  |  |  |  |  | RAIN-FALL.                      |  |  |  |  |  |  |  |  |  | SUN-SHINE.                      |  |  |  |  |  |  |  |  |  | HUMIDITY.                       |  |  |  |  |  |  |  |  |  | ATMOSPHERIC POLLUTION.          |  |  |  |  |  |  |  |  |  | POLE STARS RECORD at Greenwich Obs. |  |  |  |  |  |  |  |  |  | CODE FOR STATE OF GROUND.       |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |                    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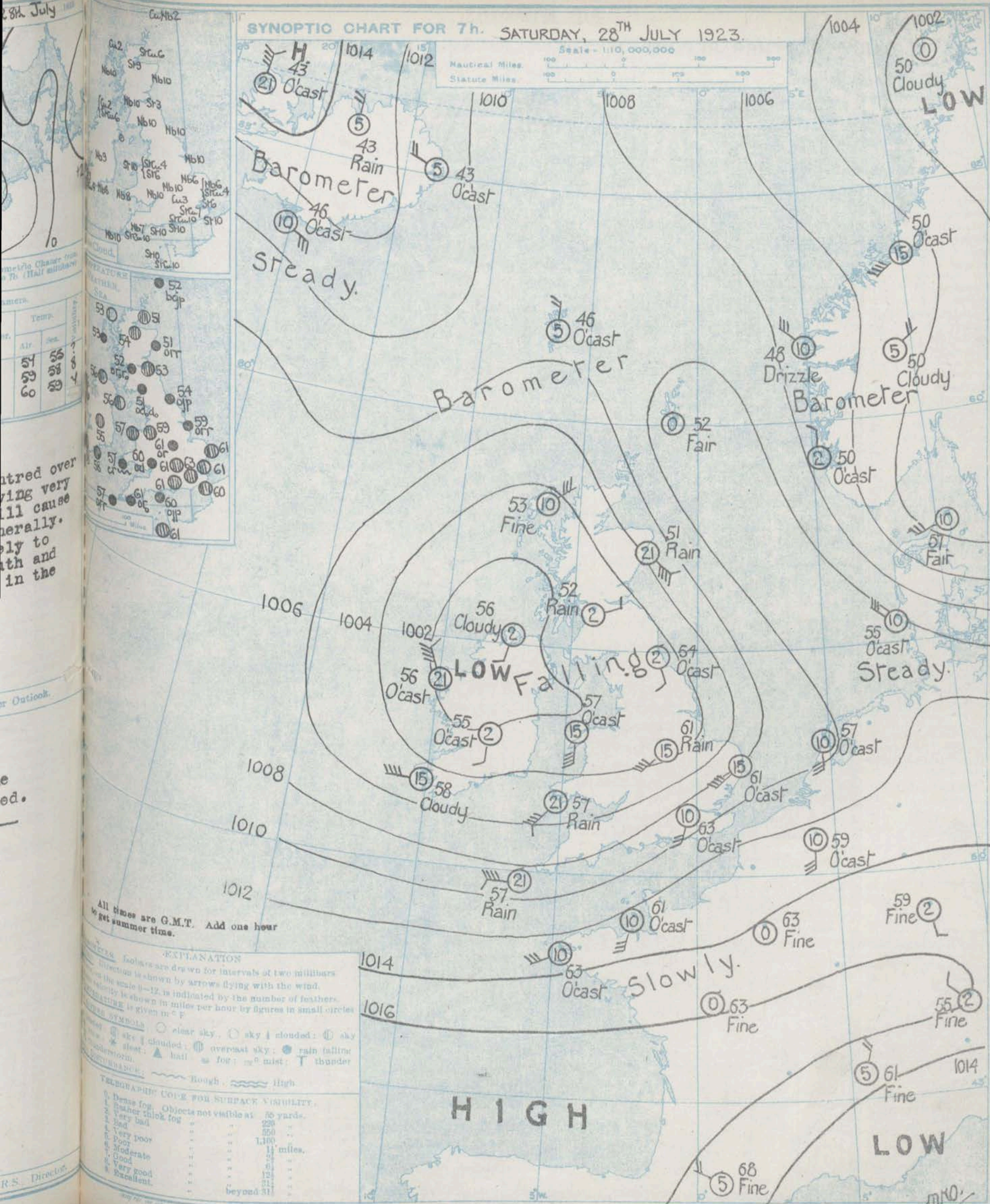


| STATIONS.                   | SUMMARIES FOR THE PAST 24 HOURS. |                  |                  |                |                         |                           |                      |                        |                          |                         |                         |      | Sun.<br>24th<br>Hours. |
|-----------------------------|----------------------------------|------------------|------------------|----------------|-------------------------|---------------------------|----------------------|------------------------|--------------------------|-------------------------|-------------------------|------|------------------------|
|                             | WEATHER.                         |                  |                  |                | TEMPERATURE.            |                           |                      | RAINFALL.              |                          |                         |                         |      |                        |
|                             | 7h-12h.<br>24h.                  | 12h-18h.<br>24h. | 18h-24h.<br>24h. | 1h-7h.<br>24h. | MAX.<br>Day.<br>7h-12h. | MIN.<br>Night.<br>12h-7h. | MIN.<br>on<br>Grass. | Day.<br>7h-12h.<br>mm. | Night.<br>12h-7h.<br>mm. | Precipitation<br>began. | Precipitation<br>began. |      |                        |
| Lerwick ...                 | c                                | op               | bc               | bc             | 55                      | 44                        | .                    | -                      | Trace                    | -                       | <100                    | 2.1  |                        |
| Stornoway ...               | oo                               | p                | bbc              | bbc            | 59                      | 47                        | .                    | 2                      | -                        | -                       | -                       | 4.8  |                        |
| Wick ...                    | c                                | c                | o                | o              | 54                      | 50                        | .                    | -                      | -                        | -                       | -                       | 6.4  |                        |
| Castlebay ...               | cobc                             | bec              | opr              | rrr            | 54                      | 51                        | .                    | -                      | 4                        | -                       | <100                    | 6.4  |                        |
| Nairn ...                   | beepg                            | ircg             | circ             | emg            | 59                      | 47                        | .                    | 1                      | 2                        | 0900                    | <100                    | 1.5  |                        |
| Aberdeen ...                | becoc                            | beed             | o                | oor            | 60                      | 51                        | 49                   | -                      | 1                        | -                       | 04.30                   | 4.4  |                        |
| Malin Head ...              | cov                              | cohr             | ircg             | oc             | 61                      | 58                        | .                    | 5                      | 3                        | 1530                    | <100                    | 1.9  |                        |
| Renfrew ...                 | ocv                              | eyhce            | adrr             | orrm           | 63                      | 50                        | 49                   | -                      | 2                        | -                       | <100                    | 7.0  |                        |
| Edinburgh (Inchkeith) ...   | zc                               | c                | bbc              | o              | 63                      | 52                        | 50                   | -                      | Trace                    | -                       | 01.30                   | 8.6  |                        |
| Leuchars ...                | co                               | obbc             | coo              | oddm           | 62                      | 51                        | 43                   | -                      | 0.3                      | -                       | 03.30                   | 5.4  |                        |
| Eskdalemuir ...             | cco                              | obo              | oro              | orod           | 60                      | 48                        | 48                   | -                      | 4                        | -                       | <100                    | 1.4  |                        |
| Tynemouth ...               | oo                               | o                | r.r.             | dir.           | 61                      | 53                        | 50                   | -                      | 3                        | -                       | <100                    | .    |                        |
| Blacksod Point ...          | oo                               | m                | f.m.             | c              | 61                      | 51                        | .                    | 5                      | 1                        | -                       | -                       | .    |                        |
| Donaghadee ...              | c                                | omr              | or               | cf             | 59                      | 52                        | .                    | 2                      | 14                       | 1630                    | <100                    | .    |                        |
| Birr Castle ...             | or                               | orro             | obr              | co             | 63                      | 54                        | 51                   | 4                      | 5                        | 0830                    | <100                    | 0.0  |                        |
| Holyhead ...                | oovr                             | orrr             | or               | oro            | 58                      | 56                        | 56                   | 4                      | 3                        | 1135                    | <100                    | 0.0  |                        |
| Liverpool (Bidston) ...     | c                                | r                | r.d              | r.d            | 60                      | 54                        | 54                   | 1                      | 16                       | 1630                    | <100                    | 0.4  |                        |
| Chester (Shotwick) ...      | oo                               | or               | orrm             | orrm           | 64                      | 55                        | 54                   | 0.6                    | 10                       | 1530                    | <100                    | 0.4  |                        |
| Spurn Head ...              | c                                | ccoo             | orr              | orrm           | 61                      | 54                        | 53                   | -                      | 8                        | -                       | <100                    | 4.9  |                        |
| Birmingham (Edgbaston) ...  | c                                | odo              | orr              | orr            | 62                      | 53                        | 53                   | -                      | 3                        | -                       | <100                    | 0.4  |                        |
| Nottingham ...              | c                                | ep               | or               | o              | 65                      | 54                        | 53                   | 0.1                    | 9                        | 1730                    | <100                    | 4.1  |                        |
| Cranwell ...                | c                                | c                | oor              | orrr           | 66                      | 53                        | 53                   | -                      | 3                        | -                       | 22.00                   | 6.2  |                        |
| Gorleston ...               | bec                              | c                | o                | og             | 65                      | 54                        | 56                   | -                      | -                        | -                       | -                       | 4.5  |                        |
| Valencia (Cahiroiveen) ...  | ordm                             | opdo             | br               | oprc           | 64                      | 55                        | 53                   | 1                      | 8                        | 0800                    | <100                    | 0.0  |                        |
| Roche's Point ...           | ddm                              | co               | or               | trap           | 68                      | 55                        | .                    | 0.7                    | 4                        | 0900                    | <100                    | .    |                        |
| Pembroke (St. Ann's H.) ... | copd                             | ofmrq            | orr              | oprr           | 59                      | 54                        | .                    | 0.5                    | 10                       | 1100                    | 22.00                   | 0.0  |                        |
| Ross-on-Wye ...             | co                               | opdo             | ogid             | or             | 64                      | 56                        | 57                   | 0.1                    | 1                        | 1530                    | <100                    | 1.56 |                        |
| Benson ...                  | beco                             | oo               | rrgo             | oo             | 68                      | 54                        | 53                   | -                      | 0.1                      | -                       | <100                    | .    |                        |
| Andover ...                 | copr                             | oodo             | oodo             | oodo           | 67                      | 54                        | 54                   | 0.7                    | Trace                    | 1100                    | <100                    | 4.8  |                        |
| S. Farnborough ...          | bcy                              | yy               | oo               | oprr           | 69                      | 58                        | 57                   | -                      | 0.1                      | -                       | 03.30                   | 5.4  |                        |
| London (Kew Obs.) ...       | bcy                              | aday             | oyoo             | oopo           | 68                      | 60                        | 57                   | -                      | 0.3                      | -                       | 03.30                   | 5.9  |                        |
| Croydon ...                 | eyo                              | oyro             | oco              | orod           | 68                      | 58                        | 56                   | 0.1                    | 1630                     | 03.30                   | 4.4                     |      |                        |
| Clacton-on-Sea ...          | c                                | c                | c                | c              | 60                      | 53                        | 52                   | -                      | -                        | -                       | -                       | 3.1  |                        |
| Shoeburyness ...            | bcy                              | bcy              | o                | o              | 61                      | 54                        | 52                   | -                      | -                        | -                       | -                       | 8.1  |                        |
| Graia ...                   | bcy                              | oyro             | oo               | oo             | 60                      | 56                        | 56                   | -                      | -                        | -                       | -                       | 8.0  |                        |
| Lympe ...                   | bcy                              | ocac             | bcy              | orrr           | 68                      | 55                        | 52                   | -                      | 1                        | -                       | 02.30                   | 10.1 |                        |
| Boily (St. Mary's) ...      | c                                | c                | co               | onrm           | 64                      | 54                        | .                    | -                      | 6                        | -                       | 02.30                   | 2.5  |                        |
| Falmouth (Pendennis) ...    | bcc                              | comd             | omdc             | comr           | 64                      | 53                        | 58                   | 0.3                    | 1                        | 1530                    | 05.30                   | 1.8  |                        |
| Plymouth (Cattewater) ...   | oco                              | od               | od               | or             | 64                      | 53                        | 58                   | 0.2                    | 0.5                      | 1730                    | <100                    | 3.0  |                        |
| Portland Bill ...           | b-bc                             | c                | c                | c              | 63                      | 53                        | 59                   | -                      | -                        | -                       | -                       | 4.1  |                        |
| Southampton (Calshot) ...   | c                                | o                | r.d              | c              | 66                      | 60                        | 59                   | -                      | Trace                    | -                       | 22.00                   | 7.1  |                        |
| Dungeness ...               | b-bc                             | b-bc             | c                | b              | 66                      | 58                        | .                    | -                      | 0.4                      | -                       | 04.30                   | .    |                        |
| Jersey ...                  | beb                              | b                | bcy              | o              | 64                      | 58                        | .                    | -                      | -                        | -                       | -                       | 11.0 |                        |
| Guernsey ...                | b-bc                             | b-bc             | r.d              | r.d            | 65                      | 54                        | .                    | -                      | 0.3                      | -                       | 24.00                   | .    |                        |





Scale = 1:10,000,000



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



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION.

Saturday 28th July

1923.

No. 209.

| Page 4.                      |     | BRITISH SECTION Saturday 28th July 1923. |                    |       |       |          |           |             |                 |              |       |      | No. 209.                         |                    |        |       |          |           |             |                 |              |       |      |      |      |     |     |
|------------------------------|-----|------------------------------------------|--------------------|-------|-------|----------|-----------|-------------|-----------------|--------------|-------|------|----------------------------------|--------------------|--------|-------|----------|-----------|-------------|-----------------|--------------|-------|------|------|------|-----|-----|
| STATIONS.                    |     | Observations at 0100 G.M.T. 28th         |                    |       |       |          |           |             |                 |              |       |      | Observations at 0700 G.M.T. 28th |                    |        |       |          |           |             |                 |              |       |      |      |      |     |     |
| Height above M.S.L. in feet. |     | Barom. at M.S.L.                         | Change in 3 Hours. | Wind. |       | Weather. | Temp. °F. | Humidity %. | Visibility 0-9. | Cloud.       |       |      | Barom. at M.S.L.                 | Change in 3 Hours. | Wind.  |       | Weather. | Temp. °F. | Humidity %. | Visibility 0-9. | Cloud.       |       |      |      |      |     |     |
|                              |     |                                          |                    | Dir.  | Force |          |           |             |                 | Height Feet. | Form. | Amt. |                                  |                    | Dir.   | Force |          |           |             |                 | Height Feet. | Form. | Amt. |      |      |     |     |
|                              |     |                                          |                    | 0-12  |       |          |           |             |                 | 0-9          | Feet  | 0-10 | 0-10                             |                    |        | 0-12  |          |           |             |                 |              | 0-9   | Feet | 0-10 | 0-10 |     |     |
| Lerwick                      | 54  | 1002.1                                   | 0                  | -     | 0     | Ct       | 47        | 85          | 8               | 4200         | Str   | 4    | -                                | 4                  | 1010.4 | -1    | -        | 0         | Ct          | 52              | 86           | 8     | 4000 | CuNb | 2    | Acu |     |
| Stornoway                    | 51  | 1001.7                                   | -3                 | -     | 0     | Ct       | 51        | 85          | 8               | 4000         | CuNb  | 6    | Acu                              | 10                 | 1003.9 | -3    | NE       | 0         | Ct          | 52              | 86           | 8     | 4000 | CuNb | 2    | Acu |     |
| Wick                         | 81  | 1008.4                                   | -3                 | ESE   | 2     | 0        | 51        | 85          | 8               | 4000         | CuNb  | 6    | Acu                              | 10                 | 1006.4 | -3    | SE       | 0         | Ct          | 52              | 86           | 8     | 4000 | CuNb | 2    | Acu |     |
| Castlebay                    | 37  | 1008.4                                   | -3                 | -     | 0     | 0        | 51        | 85          | 8               | 4000         | CuNb  | 6    | Acu                              | 10                 | 1006.4 | -3    | ESE      | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Nairn                        | 82  | 1008.4                                   | -3                 | -     | 0     | 0        | 51        | 85          | 8               | 4000         | CuNb  | 6    | Acu                              | 10                 | 1006.4 | -3    | ESE      | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Aberdeen                     | 46  | 1008.4                                   | -3                 | -     | 0     | 0        | 51        | 85          | 8               | 4000         | CuNb  | 6    | Acu                              | 10                 | 1006.4 | -3    | ESE      | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Malin Head                   | 71  | 1002.3                                   | -2                 | NSW   | 4     | 0        | 55        | 84          | 8               | 4000         | Cu    | 9    | -                                | 9                  | 1001.0 | -1    | SSW      | 1         | C           | 56              | 82           | 8     | 4000 | CuNb | 2    | Acu |     |
| Raefrow                      | 49  | 1002.3                                   | -2                 | SE    | 1     | 0        | 53        | 82          | 8               | -            | CuNb  | 2    | ASr                              | 10                 | 1003.0 | -3    | ENE      | 1         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Edinburgh (Inchkeith)        | 190 | 1004.4                                   | -2                 | SE    | 1     | 0        | 53        | 82          | 8               | -            | CuNb  | 2    | ASr                              | 10                 | 1003.4 | -3    | E        | 2         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Leuchars                     | 36  | 1004.4                                   | -2                 | -     | 0     | 0        | 53        | 82          | 8               | -            | -     | -    | -                                | -                  | 1004.2 | -3    | ENE      | 1         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Baldernair                   | 794 | 1004.4                                   | -2                 | -     | 0     | 0        | 53        | 82          | 8               | -            | -     | -    | -                                | -                  | 1003.7 | -3    | ENE      | 1         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Tynemouth                    | 113 | 1007.3                                   | -3                 | -     | 0     | 0        | 53        | 84          | 6               | 800          | Nb    | 10   | -                                | 10                 | 1003.7 | -3    | SE       | 1         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Blackhead Point              | 10  | 1004.4                                   | -4                 | SW    | 3     | 0        | 54        | 82          | 3               | -            | -     | -    | -                                | -                  | 1001.0 | -1    | NNW      | 5         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Doughadee                    | 35  | 1004.4                                   | -4                 | SW    | 3     | 0        | 54        | 82          | 3               | -            | -     | -    | -                                | -                  | 1003.0 | -2    | SW       | 2         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Birr Castle                  | 175 | 1006.1                                   | -3                 | SW    | 4     | 0        | 58        | 84          | 7               | 800          | Nb    | 10   | -                                | 10                 | 1002.6 | -2    | SW       | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Holyhead                     | 26  | 1006.1                                   | -3                 | SW    | 4     | 0        | 58        | 84          | 7               | 800          | Nb    | 10   | -                                | 10                 | 1002.4 | -3    | SW       | 2         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Liverpool (Bidston)          | 189 | 1006.1                                   | -3                 | SW    | 4     | 0        | 58        | 84          | 7               | 800          | Nb    | 10   | -                                | 10                 | 1003.0 | -3    | S        | 2         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Chester (Shotwick)           | 16  | 1006.1                                   | -3                 | SW    | 4     | 0        | 58        | 84          | 7               | 800          | Nb    | 10   | -                                | 10                 | 1003.0 | -3    | S        | 2         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Spurn Head                   | 26  | 1008.6                                   | -6                 | SSE   | 4     | 0        | 55        | 84          | 6               | 800          | Nb    | 10   | -                                | 10                 | 1003.8 | -4    | SSW      | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Birmingham (Edgbaston)       | 525 | 1008.6                                   | -6                 | -     | -     | -        | -         | -           | -               | -            | -     | -    | -                                | -                  | 1004.3 | -4    | SSW      | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Nottingham                   | 82  | 1008.6                                   | -6                 | -     | -     | -        | -         | -           | -               | -            | -     | -    | -                                | -                  | 1003.7 | -4    | SW       | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Granville                    | 237 | 1008.6                                   | -6                 | S     | 3     | 0        | 55        | 84          | 6               | 800          | Nb    | 10   | -                                | 10                 | 1005.1 | -4    | SSW      | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Granwell                     | 237 | 1008.6                                   | -6                 | S     | 3     | 0        | 55        | 84          | 6               | 800          | Nb    | 10   | -                                | 10                 | 1005.1 | -4    | SSW      | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Gorleston                    | 13  | 1013.3                                   | -1                 | SW    | 2     | 0        | 58        | 83          | 7               | 3400         | Nb    | 3    | ASr                              | 10                 | 1008.6 | -3    | SW       | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Valencia (Cahiroiveen)       | 30  | 1008.1                                   | -3                 | W     | 2     | 0        | 58        | 84          | 8               | -            | Cu    | 6    | -                                | 6                  | 1005.5 | -1    | W        | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Rookes Point                 | 32  | 1008.1                                   | -3                 | W     | 2     | 0        | 58        | 84          | 8               | -            | Cu    | 6    | -                                | 6                  | 1004.8 | -1    | W        | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Pembroke (St. Ann's H.)      | 148 | 1008.1                                   | -3                 | SW    | 5     | 0        | 58        | 84          | 6               | 800          | Nb    | 10   | -                                | 10                 | 1005.6 | -3    | SSW      | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Ross-on-Wye                  | 223 | 1008.1                                   | -3                 | SW    | 5     | 0        | 58        | 84          | 6               | 800          | Nb    | 10   | -                                | 10                 | 1005.7 | -4    | SSW      | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Benson                       | 128 | 1008.1                                   | -3                 | SW    | 5     | 0        | 58        | 84          | 6               | 800          | Nb    | 10   | -                                | 10                 | 1007.1 | -2    | SSW      | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Andover                      | 295 | 1008.1                                   | -3                 | SW    | 5     | 0        | 58        | 84          | 6               | 800          | Nb    | 10   | -                                | 10                 | 1008.4 | -3    | SSW      | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| S. Farnborough               | 230 | 1008.1                                   | -3                 | SW    | 5     | 0        | 58        | 84          | 6               | 800          | Nb    | 10   | -                                | 10                 | 1008.2 | -3    | SSW      | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| London (Kew Obs.)            | 18  | 1008.1                                   | -3                 | SW    | 5     | 0        | 58        | 84          | 6               | 800          | Nb    | 10   | -                                | 10                 | 1008.3 | -3    | SSW      | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Croydon                      | 244 | 1008.1                                   | -3                 | SSW   | 3     | 0        | 58        | 82          | 7               | 1500         | Nb    | 10   | -                                | 10                 | 1008.4 | -2    | SSW      | 3         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Olveston-on-Sea              | 54  | 1008.1                                   | -3                 | SW    | 5     | 0        | 58        | 84          | 6               | 800          | Nb    | 10   | -                                | 10                 | 1008.3 | -2    | SSW      | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Shoeburyness                 | 11  | 1008.1                                   | -3                 | SW    | 5     | 0        | 58        | 84          | 6               | 800          | Nb    | 10   | -                                | 10                 | 1009.0 | -2    | SSW      | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Grain                        | 20  | 1008.1                                   | -3                 | SW    | 5     | 0        | 58        | 84          | 6               | 800          | Nb    | 10   | -                                | 10                 | 1008.4 | -2    | SSW      | 5         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Lympne                       | 350 | 1013.4                                   | -4                 | WSW   | 4     | 0        | 54        | 82          | 7               | 1500         | Str   | 10   | -                                | 10                 | 1010.2 | -4    | SW       | 5         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Billy (St. Mary's)           | 131 | 1012.3                                   | -3                 | SWW   | 4     | 0        | 61        | 84          | 7               | 4000         | Str   | 10   | -                                | 10                 | 1000.3 | -4    | W        | 5         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Falmouth (Pendennis)         | 200 | 1012.4                                   | -4                 | W     | 5     | 0        | 61        | 82          | 8               | 4000         | Str   | 10   | -                                | 10                 | 1009.0 | -4    | SW       | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Plymouth (Cattewater)        | 82  | 1012.4                                   | -4                 | W     | 5     | 0        | 61        | 82          | 8               | 4000         | Str   | 10   | -                                | 10                 | 1009.2 | -4    | SW       | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Portland Bill                | 19  | 1012.8                                   | -4                 | SW    | 5     | 0        | 60        | 82          | 7               | 2500         | Str   | 9    | -                                | 9                  | 1010.0 | -2    | SW       | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Southampton (Cannon)         | 12  | 1012.9                                   | -3                 | SW    | 4     | 0        | 61        | 82          | 8               | 4000         | Str   | 10   | -                                | 10                 | 1009.5 | -4    | SSW      | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Dungeness                    | 21  | 1014.0                                   | -1                 | SW    | 5     | 0        | 59        | 82          | 8               | -            | -     | 0    | ASr                              | 10                 | 1010.4 | -3    | WSW      | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Jersey                       | 25  | 1014.0                                   | -1                 | SW    | 5     | 0        | 59        | 82          | 8               | -            | -     | 0    | ASr                              | 10                 | 1010.4 | -3    | WSW      | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |
| Guernsey                     | 25  | 1014.0                                   | -1                 | SW    | 5     | 0        | 59        | 82          | 8               | -            | -     | 0    | ASr                              | 10                 | 1010.4 | -3    | WSW      | 4         | 0           | Ct              | 52           | 86    | 8    | 4000 | CuNb | 2   | Acu |

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

| STATIONS.          | WEATHER.   |             | TEMPERATURE.        |                   | RAINFALL†                 |                        | SUNSHINE.                    |                               | STATIONS.            | WEATHER.   |             | TEMPERATURE.        |                   | RAINFALL†                 |                        | Sunrise to Sunset<br>hr. |
|--------------------|------------|-------------|---------------------|-------------------|---------------------------|------------------------|------------------------------|-------------------------------|----------------------|------------|-------------|---------------------|-------------------|---------------------------|------------------------|--------------------------|
|                    | Fore-noon. | After-noon. | Min. Night.<br>24h. | Max. Day.<br>24h. | Night<br>17h-24h.<br>24h. | Day<br>7h-17h.<br>24h. | Sunrise to<br>Night.<br>24h. | Sunrise to<br>Sunset.<br>26h. |                      | Fore-noon. | After-noon. | Min. Night.<br>24h. | Max. Day.<br>24h. | Night<br>17h-24h.<br>24h. | Day<br>7h-17h.<br>24h. |                          |
|                    |            |             |                     |                   |                           |                        |                              |                               |                      |            |             |                     |                   |                           |                        |                          |
| Montrose ...       | o          | bc          | 46                  | 60                | -                         | -                      | 2.2                          | 3.4                           | Ilfracombe ...       | co         | od          | 57                  | 63                | -                         | -                      | 0.7                      |
| Berwick-on-Tweed   | zbcbe      | bccov       | 49                  | 64                | 0.3                       | -                      | 6.4                          | 10.7                          | Bude ...             | c          | d           | 57                  | 66                | -                         | 0.3                    | 3.0                      |
| Llandudno ...      | oco        | r           | 53                  | 61                | -                         | 2                      | 0.3                          | 4.7                           | Pennance ...         | bc         | cod         | 54                  | 67                | -                         | -                      | 3.3                      |
| Colwyn Bay ...     | c          | cd          | 52                  | 60                | -                         | 1                      | 0.3                          | 8.1                           | Paignton ...         | coq        | og          | 51                  | 68                | -                         | -                      | 3.3                      |
| Rhyl... ..         | bcc        | cr          | 54                  | 60                | -                         | 2                      | 1.0                          | 7.0                           | Terquay ...          | bccb       | cl          | 53                  | 67                | -                         | -                      | 4.0                      |
| Southport ...      | oc         | ocpo        | 53                  | 61                | -                         | 0.1                    | 1.2                          | 7.0                           | Weymouth ...         | c          | co          | 52                  | 70                | -                         | -                      | -                        |
| Blackpool ...      | o          | co          | 54                  | 61                | 0.3                       | -                      | 0.4                          | 6.4                           | Bournemouth ...      | bc         | bcc         | 51                  | 69                | -                         | -                      | 6.0                      |
| Ilkley ...         | obcc       | b           | 47                  | 67                | -                         | -                      | 2.8                          | 12.8                          | Portsmouth (Sithsea) | b          | bco         | 52                  | 65                | -                         | -                      | 7.5                      |
| Harrogate ...      | c          | c           | 46                  | 63                | -                         | -                      | 3.6                          | 11.8                          | Worthing ...         | bcc        | bc          | 48                  | 67                | -                         | -                      | 8.1                      |
| Skagness ...       | c          | co          | 45                  | 62                | -                         | -                      | 4.4                          | 9.6                           | Brighton ...         | b          | c           | 51                  | 64                | -                         | -                      | 9.4                      |
| Aberystwyth ...    | for        | o           | 55                  | 60                | 0.3                       | 1                      | 0.0                          | 9.0                           | Eastbourne...        | b          | bc          | 52                  | 65                | -                         | -                      | 10.9                     |
| Bath ...           | cop        | cop         | 51                  | 63                | -                         | -                      | 2.7                          | 13.1                          | Hastings ...         | bbcv       | bbee        | 48                  | 65                | -                         | -                      | 8.8                      |
| Leamington Spa ... | cbp        | cbp         | 46                  | 64                | -                         | -                      | 1.5                          | 9.3                           | Folkestone ...       | bc         | bc          | 49                  | 67                | -                         | -                      | 9.8                      |
| Lowestoft ...      | bcco       | cc          | 48                  | 63                | -                         | -                      | 6.6                          | 11.3                          | Tunbridge Wells ...  | bcc        | bco         | 46                  | 70                | -                         | -                      | 11.4                     |
| Felixstowe ...     | c          | bc          | 51                  | 65                | -                         | -                      | 8.6                          | 10.7                          | Ramsgate ...         | b          | bbe         | 52                  | 68                | -                         | -                      | 11.9                     |
| Southend ...       |            |             |                     |                   |                           |                        |                              |                               | Margate ...          | b          | b           | 55                  | 65                | -                         | -                      | 10.6                     |
|                    |            |             |                     |                   |                           |                        |                              |                               | Deal ...             | b          | bcc         | 50                  | 70                | -                         | -                      | -                        |



| Observations at 1800 G.M.T. |                  |                    |                            |       |          |                            |             |                    |                            |        |        |                              |                  |                    | Observations at 1800 G.M.T. |      |          |                            |             |                    |                            |        |         |                            |         |         |                            |         |  |                                      |  |  |                            |  |  |                            |  |  |
|-----------------------------|------------------|--------------------|----------------------------|-------|----------|----------------------------|-------------|--------------------|----------------------------|--------|--------|------------------------------|------------------|--------------------|-----------------------------|------|----------|----------------------------|-------------|--------------------|----------------------------|--------|---------|----------------------------|---------|---------|----------------------------|---------|--|--------------------------------------|--|--|----------------------------|--|--|----------------------------|--|--|
| STATIONS.                   | Barom. at M.S.L. | Change in 3 Hours. | Wind.                      |       | Weather. | Temp. OF.                  | Humidity. % | Visibility. Miles. | Cloud.                     |        |        |                              | Barom. at M.S.L. | Change in 3 Hours. | Wind.                       |      | Weather. | Temp. OF.                  | Humidity. % | Visibility. Miles. | Cloud.                     |        |         |                            |         |         |                            |         |  |                                      |  |  |                            |  |  |                            |  |  |
|                             |                  |                    | Dir.                       | Force |          |                            |             |                    | Low.                       | Upper. | Total. | Dir.                         |                  |                    | Force                       | Low. |          |                            |             |                    | Upper.                     | Total. |         |                            |         |         |                            |         |  |                                      |  |  |                            |  |  |                            |  |  |
|                             |                  |                    |                            |       |          |                            |             |                    |                            |        |        |                              |                  |                    |                             |      |          |                            |             |                    |                            |        | Height. | Form.                      | Amount. | Height. | Form.                      | Amount. |  |                                      |  |  |                            |  |  |                            |  |  |
| (For heights see p. 4.)     | m.b.             |                    | 0-12                       |       |          |                            |             | 0-6                | Feet                       | Form   | 0-10   |                              | m.b.             |                    | 0-12                        |      |          |                            | 0-6         | Feet               | Form                       | 0-10   |         |                            |         |         |                            |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Lewick                      | 1000.1           | -1                 | S                          | 1     | ct       | 51                         | 65          | 8                  | 7200                       | StCu   | 5      | 0.0                          | 8                | 1000.2             | -1                          | -    | 0        | qjp                        | 51          | 75                 | 7                          | 4000   | Nb      | 10                         | -       | 10      | 0                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Stornoway                   | 1000.5           | 0                  | E                          | 3     | b        | 60                         | 75          | 8                  | 4000                       | Cu     | 1      | -                            | 1                | 1000.4             | 0                           | E    | 3        | bc                         | 58          | 85                 | 8                          | -      | -       | -                          | 6       | 2       |                            |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Wick                        | 1000.9           | 0                  | ESE                        | 3     | a        | 52                         | 85          | 8                  | 4000                       | CuHb   | 5      | 0.0                          | 10               | 1000.7             | 0                           | ESE  | 2        | 0                          | 51          | 92                 | 8                          | 5700   | StCu    | 10                         | -       | 10      | 2                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Castletown                  | 1001.5           | +1                 | ENE                        | 2     | o        | 54                         | 97          | 5                  | 800                        | Nb     | 10     | -                            | 10               | 1001.0             | 0                           | ENE  | 2        | mm                         | 50          | 97                 | 5                          | 1500   | St      | 10                         | -       | 10      | 2                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Nairn                       | 1001.7           | 0                  | ENE                        | 2     | o        | 54                         | 97          | 5                  | 800                        | Nb     | 10     | -                            | 10               | 1001.3             | 0                           | E    | 1        | o/r                        | 52          | 92                 | 7                          | 1500   | St      | 10                         | -       | 10      | 0                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Abandon                     | 1001.7           | 0                  | ESE                        | 4     | o        | 52                         | 92          | 6                  | 1500                       | Nb     | 7      | 0.5                          | 10               | 1001.4             | 0                           | ENE  | 4        | o                          | 52          | 85                 | 7                          | 1500   | Nb      | 10                         | -       | 10      | 3                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Malin Head                  | 1002.6           | +1                 | NE                         | 2     | bc       | 58                         | 92          | 8                  | 5700                       | St     | 3      | 0.0                          | 4                | 1002.6             | +1                          | W    | 1        | o                          | 48          | 92                 | 8                          | 1500   | StCu    | 9                          | -       | 9       | 0                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Barrow                      | 1002.2           | 0                  | NE                         | 1     | o/r      | 56                         | 92          | 6                  | 800                        | Nb     | 10     | -                            | 10               | 1002.1             | +1                          | NE   | 2        | off                        | 55          | 85                 | 6                          | 800    | Nb      | 10                         | -       | 10      | 0                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Edinburgh (Leith)           | 1002.4           | -1                 | E                          | 4     | ffo      | 53                         | 97          | 3                  | -                          | St     | 10     | -                            | 10               | 1002.7             | +1                          | E    | 4        | mo                         | 51          | 97                 | 5                          | -      | St      | 10                         | -       | 10      | 2                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Leith                       | 1003.3           | -1                 | E                          | 3     | o        | 52                         | 97          | 5                  | -                          | Nb     | 10     | -                            | 10               | 1003.9             | +1                          | ENE  | 2        | o                          | 51          | 97                 | 5                          | -      | Nb      | 10                         | -       | 10      | 0                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Wick                        | 1001.7           | -1                 | NNE                        | 2     | o/r      | 56                         | 92          | 6                  | 800                        | St     | 10     | -                            | 10               | 1002.0             | 0                           | N'E  | 3        | o                          | 55          | 92                 | 6                          | 1500   | St      | 10                         | -       | 10      | 0                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Tynemouth                   | 1002.0           | -2                 | NE                         | 1     | o        | 58                         | 92          | 6                  | 1500                       | Nb     | 10     | -                            | 10               | 1001.5             | 0                           | NNE  | 1        | ffo                        | 55          | 87                 | 1                          | 4150   | St      | 10                         | -       | 10      | 1                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Blackhead Point             | 1003.7           | +1                 | NW                         | 5     | c        | 60                         | 85          | 9                  | -                          | -      | -      | -                            | 8                | 1004.9             | +1                          | NW   | 4        | c                          | 59          | 85                 | 9                          | -      | -       | -                          | 7       | 0       |                            |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Dunghadree                  | 1002.7           | 0                  | N                          | 1     | bc       | 60                         | 85          | 8                  | 1500                       | Cu     | 2      | 0.0                          | 5                | 1003.8             | 0                           | NNW  | 2        | bc                         | 59          | 85                 | 8                          | 2500   | Cu      | 6                          | -       | 6       | 2                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Str. Castle                 | 1003.3           | -                  | W                          | 2     | bc       | 62                         | 85          | 8                  | 2500                       | CuHb   | 6      | -                            | 6                | 1003.2             | -                           | W    | 2        | ct                         | 64          | 65                 | 7                          | 4000   | StCu    | 5                          | Cu      | 7       | 0                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Holyhead                    | 1002.5           | +1                 | WN                         | 3     | o/r      | 56                         | 97          | 8                  | 2500                       | Nb     | 10     | -                            | 10               | 1003.1             | +1                          | SW   | 3        | o                          | 58          | 85                 | 8                          | 2500   | StCu    | 10                         | -       | 10      | 2                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Askepool (Bidston)          | 1001.1           | -1                 | W                          | 3     | o/r      | 58                         | 92          | 6                  | 800                        | Nb     | 10     | -                            | 10               | 1002.1             | +1                          | W    | 4        | bc                         | 59          | 75                 | 8                          | 2500   | Cu      | 2                          | 0.0     | 4       | 2                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Chester (Shotwick)          | 1001.2           | -1                 | WNW                        | 4     | o        | 59                         | 92          | 6                  | 800                        | Nb     | 10     | -                            | 10               | 1002.3             | +2                          | WNW  | 4        | c                          | 60          | 85                 | 8                          | 1500   | StCu    | 8                          | -       | 8       | 0                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Malin Head                  | 1001.6           | -2                 | SW                         | 3     | o/r      | 61                         | 97          | 7                  | 4000                       | Nb     | 10     | -                            | 10               | 999.1              | -2                          | WNW  | 2        | o/r                        | 59          | 97                 | 5                          | 1500   | Nb      | 10                         | -       | 10      | 1                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Birmingham (Edgbaston)      | 1001.5           | -4                 | W                          | 3     | o        | 59                         | 85          | 7                  | 1500                       | Nb     | 10     | -                            | 10               | 1002.4             | +1                          | W    | 5        | ct                         | 62          | 65                 | 8                          | 4000   | Cu      | 4                          | 0       | 7       | 0                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Nottingham                  | 1001.0           | -4                 | SW                         | 1     | o/r      | 59                         | 97          | 5                  | 1500                       | Nb     | 10     | -                            | 10               | 1001.1             | +1                          | W    | 4        | o/r                        | 59          | 85                 | 6                          | 2500   | Nb      | 10                         | -       | 10      | 0                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Canwall                     | 1002.6           | -1                 | S'W                        | 2     | o/r      | 60                         | 92          | 6                  | 1500                       | Nb     | 10     | -                            | 10               | 1000.8             | +2                          | W'N  | 4        | o/r                        | 57          | 97                 | 6                          | 800    | Nb      | 10                         | -       | 10      | 0                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Cardiff                     | 1005.1           | -2                 | SW'S                       | 4     | o        | 68                         | 65          | 7                  | 4000                       | StCu   | 10     | -                            | 10               | 1001.3             | -2                          | SW   | 4        | c/r                        | 64          | 85                 | 7                          | 4000   | Cu      | 7                          | -       | 7       | 4                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Valencia (Cahirciveen)      | 1007.1           | +2                 | W                          | 4     | c        | 60                         | 97          | 6                  | 2500                       | StCu   | 8      | -                            | 8                | 1007.4             | 0                           | W'S  | 3        | bc                         | 59          | 75                 | 9                          | 2500   | StCu    | 5                          | -       | 5       | 4                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Roshe Point                 | 1005.1           | 0                  | W                          | 3     | qjp      | 62                         | 85          | 8                  | 2500                       | CuHb   | 9      | -                            | 9                | 1006.0             | +1                          | WNW  | 3        | c                          | 61          | 85                 | 8                          | 5700   | StCu    | 4                          | 0.0     | 7       | 0                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Frimley (St. Ann's H.)      | 1005.1           | +1                 | W                          | 4     | bc       | 59                         | 85          | 8                  | 4000                       | Cu     | 8      | -                            | 8                | 1005.5             | 0                           | WSW  | 4        | bc                         | 59          | 85                 | 8                          | 4000   | Cu      | 6                          | -       | 6       | 4                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Ros-on-Wye                  | 1002.7           | -1                 | WSW                        | 2     | o/r      | 60                         | 85          | 8                  | 2500                       | Nb     | 10     | -                            | 10               | 1003.4             | +1                          | WNW  | 4        | bc                         | 60          | 65                 | 9                          | 4000   | Cu      | 5                          | -       | 5       | 0                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Barnon                      | 1003.0           | -4                 | WSW                        | 4     | o/r      | 61                         | 97          | 8                  | -                          | StCu   | 10     | -                            | 10               | 1003.3             | 0                           | WSW  | 4        | bc                         | 64          | 75                 | 8                          | -      | Cu      | 5                          | -       | 5       | 0                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Ador                        | 1004.2           | -4                 | WSW                        | 5     | o/r      | 63                         | 85          | 8                  | 1500                       | StCu   | 9      | -                            | 9                | 1004.1             | 0                           | W    | 4        | bc                         | 61          | 75                 | 8                          | 2500   | CuHb    | 2                          | 0.0     | 6       | 0                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| S. Yarnborough              | 1004.2           | -6                 | SSW                        | 6     | add      | 61                         | 92          | 5                  | 800                        | Nb     | 10     | -                            | 10               | 1003.9             | 0                           | WSW  | 4        | qjp                        | 60          | 97                 | 8                          | 800    | StCu    | 59                         | -       | 59      | 0                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| London (Kew Obs.)           | 1004.1           | -5                 | S                          | 4     | add      | 64                         | 85          | 7                  | 1500                       | Nb     | 10     | -                            | 10               | 1003.2             | 0                           | WSW  | 4        | o                          | 64          | 65                 | 7                          | 2500   | Cu      | 8                          | 0.0     | 9       | 0                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Croydon                     | 1005.1           | -5                 | SW'S                       | 4     | o        | 60                         | 92          | 7                  | 800                        | Nb     | 10     | -                            | 10               | 1004.0             | 0                           | SW'W | 3        | o                          | 59          | 92                 | 8                          | 800    | Nb      | 8                          | 0.5     | 10      | 0                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Clacton-on-Sea              | 1002.2           | -2                 | SW                         | 5     | bc       | 64                         | 85          | 7                  | 2500                       | Cu     | 5      | -                            | 5                | 1002.2             | -2                          | SW   | 5        | bc                         | 64          | 85                 | 7                          | 2500   | Cu      | 5                          | -       | 5       | 5                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Stourbury                   | 1005.8           | -3                 | SSW                        | 4     | o/r      | 62                         | 92          | 7                  | 2500                       | Nb     | 8      | 0.5                          | 10               | 1002.9             | -4                          | SW   | 3        | qjp                        | 63          | 75                 | 7                          | 2500   | CuHb    | 7                          | 0.0     | 8       | 0                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Grain                       | 1006.0           | -3                 | SSW                        | 5     | o/r      | 61                         | 92          | 7                  | 800                        | Nb     | 10     | -                            | 10               | 1003.0             | -3                          | SW   | 6        | b                          | 63          | 75                 | 8                          | 1500   | CuHb    | 2                          | 0.0     | 3       | 3                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Lysons                      | 1007.3           | -4                 | SW                         | 5     | o        | 61                         | 75          | 7                  | 1500                       | Nb     | 9      | 0.5                          | 10               | 1004.4             | -2                          | WSW  | 5        | c/r                        | 60          | 92                 | 8                          | 1500   | St      | 7                          | -       | 7       | 0                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Sally (St. Mary's)          | 1008.4           | 0                  | W'N                        | 4     | bc       | 63                         | 85          | 8                  | 4000                       | Cu     | 4      | -                            | 4                | 1008.8             | 0                           | W'N  | 4        | bc                         | 62          | 65                 | 8                          | 4000   | Cu      | 5                          | -       | 5       | 4                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Falmouth (Pondemna)         | 1008.6           | 0                  | W                          | 5     | bc       | 66                         | 65          | 8                  | 4000                       | Cu     | 6      | -                            | 6                | 1008.7             | 0                           | W    | 5        | ct                         | 64          | 65                 | 8                          | 4000   | Cu      | 7                          | -       | 7       | 0                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Plymouth (Cutewaters)       | 1006.1           | -1                 | W'S                        | 5     | c/r      | 63                         | 75          | 8                  | 300                        | CuHb   | 8      | -                            | 8                | 1007.3             | +1                          | W    | 4        | bc                         | 63          | 65                 | 8                          | 2500   | Cu      | 4                          | -       | 4       | 0                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Portland Bill               | 1005.1           | -5                 | SW                         | 6     | c/r      | 59                         | 92          | 7                  | 1500                       | St     | 8      | -                            | 8                | 1004.7             | 0                           | WSW  | 6        | bc                         | 62          | 75                 | 7                          | 4000   | Cu      | 5                          | -       | 5       | 4                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Southampton (Calshot)       | 1005.5           | -4                 | SW                         | 6     | o/r      | 60                         | 97          | 8                  | 1500                       | Nb     | 10     | -                            | 10               | 1004.8             | -1                          | W'S  | 4        | c/r                        | 62          | 85                 | 8                          | 2500   | CuHb    | 7                          | -       | 7       | 3                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Dungeness                   | 1007.1           | -3                 | SW                         | 6     | qjp      | 62                         | 75          | 7                  | 2500                       | StCu   | 10     | -                            | 10               | 1004.5             | -3                          | SW   | 5        | c/r                        | 60          | 92                 | 7                          | 1500   | Nb      | 6                          | 0.0     | 8       | 5                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Jersey                      | 1007.5           | -1                 | S                          | 3     | o/r      | 63                         | 85          | 7                  | 1500                       | Nb     | 10     | -                            | 10               | 1004.7             | 0                           | WSW  | 3        | c/r                        | 62          | 75                 | 8                          | 4000   | StCu    | 7                          | -       | 7       | 0                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Guernsey                    | 1007.5           | -1                 | S                          | 3     | o/r      | 63                         | 85          | 7                  | 1500                       | Nb     | 10     | -                            | 10               | 1010.2             | +1                          | W    | 4        | o/r                        | 60          | 92                 | 8                          | 800    | St      | 6                          | 0.0     | 10      | 4                          |         |  |                                      |  |  |                            |  |  |                            |  |  |
| LONDON OBSERVATIONS.        |                  |                    |                            |       |          |                            |             |                    |                            |        |        |                              |                  |                    | LONDON OBSERVATIONS.        |      |          |                            |             |                    |                            |        |         |                            |         |         |                            |         |  |                                      |  |  |                            |  |  |                            |  |  |
| Morning.                    |                  |                    | Afternoon.                 |       |          | Night.                     |             |                    | Max. OF.                   |        |        | Min. OF.                     |                  |                    | Min. on Grass. OF.          |      |          | RAIN-FALL.                 |             |                    | SUNSHINE.                  |        |         | HUMIDITY.                  |         |         | ATMOSPHERIC POLLUTION.     |         |  | POLAR STAR RECORD at Greenwich Obsy. |  |  | CODE FOR STATE OF GROUND.  |  |  |                            |  |  |
| 24 HOURS ENDED 1800 G.M.T.  |                  |                    | 24 HOURS ENDED 1800 G.M.T. |       |          | 24 HOURS ENDED 1800 G.M.T. |             |                    | 24 HOURS ENDED 1800 G.M.T. |        |        | 24 HOURS ENDED 1800 G.M.T.   |                  |                    | 24 HOURS ENDED 1800 G.M.T.  |      |          | 24 HOURS ENDED 1800 G.M.T. |             |                    | 24 HOURS ENDED 1800 G.M.T. |        |         | 24 HOURS ENDED 1800 G.M.T. |         |         | 24 HOURS ENDED 1800 G.M.T. |         |  | 24 HOURS ENDED 1800 G.M.T.           |  |  | 24 HOURS ENDED 1800 G.M.T. |  |  | 24 HOURS ENDED 1800 G.M.T. |  |  |
| Kew                         |                  |                    | Croydon                    |       |          | Greenwich (Royal Obsy.)    |             |                    | City (Bunhill Row)         |        |        | Westminster (St. James' Pk.) |                  |                    | Regent's Pk. (Botanic Gdn.) |      |          | Garden Square              |             |                    | Kensington Palace          |        |         | Rampstead Observatory      |         |         | Kew Observatory            |         |  | Kew Observatory                      |  |  | Kew Observatory            |  |  | Kew Observatory            |  |  |
| 24 hours ended 0700         |                  |                    | 24 hours ended 0700        |       |          | 24 hours ended 0700        |             |                    | 24 hours ended 0700        |        |        | 24 hours ended 0700          |                  |                    | 24 hours ended 0700         |      |          | 24 hours ended 0700        |             |                    | 24 hours ended 0700        |        |         | 24 hours ended 0700        |         |         | 24 hours ended 0700        |         |  | 24 hours ended 0700                  |  |  | 24 hours ended 0700        |  |  | 24 hours ended 0700        |  |  |
| 24 hours ended 0700         |                  |                    | 24 hours ended 0700        |       |          | 24 hours ended 0700        |             |                    | 24 hours ended 0700        |        |        | 24 hours ended 0700          |                  |                    | 24 hours ended 0700         |      |          | 24 hours ended 0700        |             |                    | 24 hours ended 0700        |        |         | 24 hours ended 0700        |         |         | 24 hours ended 0700        |         |  | 24 hours ended 0700                  |  |  | 24 hours ended 0700        |  |  | 24 hours ended 0700        |  |  |
| 24 hours ended 0700         |                  |                    | 24 hours ended 0700        |       |          | 24 hours ended 0700        |             |                    | 24 hours ended 0700        |        |        | 24 hours ended 0700          |                  |                    | 24 hours ended 0700         |      |          | 24 hours ended 0700        |             |                    | 24 hours ended 0700        |        |         | 24 hours ended 0700        |         |         | 24 hours ended 0700        |         |  | 24 hours ended 0700                  |  |  | 24 hours ended 0700        |  |  | 24 hours ended 0700        |  |  |
| 24 hours ended 0700         |                  |                    | 24 hours ended 0700        |       |          | 24 hours ended 0700        |             |                    | 24 hours ended 0700        |        |        | 24 hours ended 0700          |                  |                    | 24 hours ended 0700         |      |          | 24 hours ended 0700        |             |                    | 24 hours ended 0700        |        |         | 24 hours ended 0700        |         |         | 24 hours ended 0700        |         |  | 24 hours ended 0700                  |  |  | 24 hours ended 0700        |  |  | 24 hours ended 0700        |  |  |
| 24 hours ended 0700         |                  |                    | 24 hours ended 0700        |       |          | 24 hours ended 0700        |             |                    | 24 hours ended 0700        |        |        | 24 hours ended 0700          |                  |                    | 24 hours ended 0700         |      |          | 24 hours ended 0700        |             |                    | 24 hours ended 0700        |        |         | 24 hours ended 0700        |         |         | 24 hours ended 0700        |         |  | 24 hours ended 0700                  |  |  | 24 hours ended 0700        |  |  | 24 hours ended 0700        |  |  |
| 24 hours ended 0700         |                  |                    | 24 hours ended 0700        |       |          | 24 hours ended 0700        |             |                    | 24 hours ended 0700        |        |        | 24 hours ended 0700          |                  |                    | 24 hours ended 0700         |      |          | 24 hours ended 0700        |             |                    | 24 hours ended 0700        |        |         | 24 hours ended 0700        |         |         | 24 hours ended 0700        |         |  | 24 hours ended 0700                  |  |  | 24 hours ended 0700        |  |  | 24 hours ended 0700        |  |  |
| 24 hours ended 0700         |                  |                    | 24 hours ended 0700        |       |          | 24 hours ended 0700        |             |                    | 24 hours ended 0700        |        |        | 24 hours ended 0700          |                  |                    | 24 hours ended 0700         |      |          | 24 hours ended 0700        |             |                    | 24 hours ended 0700        |        |         | 24 hours ended 0700        |         |         | 24 hours ended 0700        |         |  | 24 hours ended 0700                  |  |  | 24 hours ended 0700        |  |  | 24 hours ended 0700        |  |  |
| 24 hours ended 0700         |                  |                    | 24 hours ended 0700        |       |          | 24 hours ended 0700        |             |                    | 24 hours ended 0700        |        |        | 24 hours ended 0700          |                  |                    | 24 hours ended 0700         |      |          | 24 hours ended 0700        |             |                    | 24 hours ended 0700        |        |         | 24 hours ended 0700        |         |         | 24 hours ended 0700        |         |  | 24 hours ended 0700                  |  |  | 24 hours ended 0700        |  |  | 24 hours ended 0700        |  |  |
| 24 hours ended 0700         |                  |                    | 24 hours ended 0700        |       |          | 24 hours ended 0700        |             |                    | 24 hours ended 0700        |        |        | 24 hours ended 0700          |                  |                    | 24 hours ended 0700         |      |          | 24 hours ended 0700        |             |                    | 24 hours ended 0700        |        |         | 24 hours ended 0700        |         |         | 24 hours ended 0700        |         |  | 24 hours ended 0700                  |  |  | 24 hours ended 0700        |  |  | 24 hours ended 0700        |  |  |
| 24 hours ended 0700         |                  |                    | 24 hours ended 0700        |       |          | 24 hours ended 0700        |             |                    | 24 hours ended 0700        |        |        | 24 hours ended 0700          |                  |                    | 24 hours ended 0700         |      |          | 24 hours ended 0700        |             |                    | 24 hours ended 0700        |        |         | 24 hours ended 0700        |         |         | 24 hours ended 0700        |         |  | 24 hours ended 0700                  |  |  | 24 hours ended 0700        |  |  | 24 hours ended 0700        |  |  |
| 24 hours ended 0700         |                  |                    | 24 hours ended 0700        |       |          | 24 hours ended 0700        |             |                    | 24 hours ended 0700        |        |        | 24 hours ended 0700          |                  |                    | 24 hours ended 0700         |      |          | 24 hours ended 0700        |             |                    | 24 hours ended 0700        |        |         | 24 hours ended 0700        |         |         | 24 hours ended 0700        |         |  | 24 hours ended 0700                  |  |  | 24 hours ended 0700        |  |  | 24 hours ended 0700        |  |  |
| 24 hours ended 0700         |                  |                    | 24 hours ended 0700        |       |          | 24 hours ended 0700        |             |                    | 24 hours ended 0700        |        |        | 24 hours ended 0700          |                  |                    | 24 hours ended 0700         |      |          | 24 hours ended 0700        |             |                    | 24 hours ended 0700        |        |         |                            |         |         |                            |         |  |                                      |  |  |                            |  |  |                            |  |  |



| SUMMARY FOR THE PAST 24 HOURS. |          |          |          |        |              |             |                |           |          |                      |                      |        | SUN |
|--------------------------------|----------|----------|----------|--------|--------------|-------------|----------------|-----------|----------|----------------------|----------------------|--------|-----|
| STATIONS.                      | WEATHER. |          |          |        | TEMPERATURE. |             |                | RAINFALL. |          |                      |                      | Hours. |     |
|                                | 7h-12h.  | 12h-12h. | 12h-24h. | 1h-7h. | MAX. Day.    | MIN. Night. | MIN. on GRASS. | Day.      | Night.   | Precipitation began. | Precipitation ended. |        |     |
|                                | 7h-12h.  | 12h-12h. | 12h-24h. | 1h-7h. | 7h-12h.      | 12h-12h.    | 12h-24h.       | 7h-12h.   | 12h-12h. | mm.                  | mm.                  |        |     |
| Lerwick ...                    | bc       | c        | c        | cb     | 55           | 46          | .              | -         | 0.1      | -                    | 24.00                | 4.7    |     |
| Stornoway ...                  | b or bc  | c        | c        | o      | 61           | 44          | .              | -         | -        | -                    | -                    | 14.0   |     |
| Wick ...                       | oo       | oo       | o        | o      | 52           | 50          | .              | -         | -        | -                    | -                    | .      |     |
| Orkney ...                     | To T.    | To of    | off      | off    | 54           | 53          | .              | 2         | 1        | -                    | -                    | 0.0    |     |
| Nairn ...                      | cd om    | dc om    | rm       | om     | 57           | 50          | .              | 0.6       | 3        | 09.00                | 21.00                | 0.1    |     |
| Aberdeen ...                   | o to     | o to     | rm       | o      | 53           | 50          | 4.7            | 1         | 1        | 08.00                | 21.00                | 0.0    |     |
| Malin Head ...                 | c-o bc   | bc-c ov  | bc ov    | bc ov  | 59           | 52          | .              | -         | Trace    | -                    | 22.00                | 4.1    |     |
| Ranfurrow ...                  | o to m   | o to     | o to     | o to   | 57           | 51          | 5.0            | 6         | 1        | 08.00                | -                    | 0.0    |     |
| Edinburgh (Inchkeith) ...      | o to m   | o to     | o to     | o to   | 63           | 50          | 4.9            | 3         | 2        | 09.00                | 21.00                | 0.0    |     |
| Leuchars ...                   | o to m   | o to m   | o to m   | o to m | 52           | 49          | 4.5            | 6         | 4        | 08.00                | 21.00                | 0.0    |     |
| Blackburn ...                  | o to m   | o to m   | o to m   | o to m | 59           | 50          | 5.0            | 3         | 5        | 08.00                | 21.00                | 0.0    |     |
| Tynemouth ...                  | o to     | o to     | o to     | o to   | 53           | 53          | 5.2            | 0.5       | 0.2      | 08.00                | -                    | .      |     |
| Blackhead Point ...            | b or bc  | bc       | bc       | bc     | 60           | 51          | .              | -         | 1        | -                    | -                    | .      |     |
| Donaghadee ...                 | bc       | bc       | bc       | bc     | 61           | 53          | .              | -         | 0.4      | -                    | 03.30                | .      |     |
| Birr Castle ...                | c-o pp   | p to c   | c to     | c to   | 67           | 53          | 4.6            | 2         | 0.2      | 09.00                | 21.00                | 6.4    |     |
| Holyhead ...                   | o to     | o to     | o to     | o to   | 62           | 56          | 5.4            | 2         | -        | 11.00                | -                    | 2.3    |     |
| Liverpool (Bidston) ...        | To bc    | To bc    | To bc    | To bc  | 62           | 56          | 5.0            | 4         | 1        | 08.00                | 21.00                | 4.4    |     |
| Chester (Shotwick) ...         | o to     | o to     | o to     | o to   | 67           | 47          | 4.1            | 1         | -        | 08.00                | -                    | 2.4    |     |
| Spurn Head ...                 | o to     | o to     | o to     | o to   | 63           | 55          | .              | 14        | 3        | 08.00                | 21.00                | 0.1    |     |
| Driffield (Bridlington) ...    | o to     | o to     | o to     | o to   | 64           | 51          | 4.7            | 21        | -        | 08.00                | -                    | 2.3    |     |
| Nottingham ...                 | o to     | o to     | o to     | o to   | 64           | 52          | 4.8            | 21        | -        | 08.00                | -                    | 0.3    |     |
| Oranmore ...                   | o to     | o to     | o to     | o to   | 65           | 54          | 5.2            | 18        | 6        | 08.00                | 21.00                | 0.6    |     |
| Gorleston ...                  | o to     | o to     | o to     | o to   | 68           | 56          | 5.4            | 1         | 1        | 14.30                | 24.00                | 1.1    |     |
| Vale of Glamorgan ...          | c-o bc   | c-o bc   | c-o bc   | c-o bc | 61           | 56          | 5.2            | Trace     | 0.3      | -                    | 03.30                | 4.7    |     |
| Roshe Point ...                | c-o bc   | c-o bc   | c-o bc   | c-o bc | 65           | 55          | .              | -         | -        | -                    | -                    | .      |     |
| Pembroke (St. Ann's H.) ...    | c        | c        | c        | c      | 60           | 55          | .              | 0.5       | -        | 08.00                | -                    | 8.0    |     |
| Ross-on-Wye ...                | o to     | o to     | o to     | o to   | 65           | 52          | 4.9            | 9         | -        | 08.00                | -                    | 3.4    |     |
| Benson ...                     | o to     | o to     | o to     | o to   | 72           | 50          | 3.9            | 2         | 0.1      | 12.30                | 21.00                | .      |     |
| Andover ...                    | o to     | o to     | o to     | o to   | 68           | 48          | 4.0            | 3         | -        | 08.00                | -                    | 3.5    |     |
| S. Farnborough ...             | o to     | o to     | o to     | o to   | 69           | 50          | 4.4            | 7         | Trace    | 09.00                | -                    | 2.2    |     |
| London (Kew Obs.) ...          | o to     | o to     | o to     | o to   | 69           | 53          | 4.8            | 3         | -        | 08.00                | -                    | 2.2    |     |
| Croydon ...                    | o to     | o to     | o to     | o to   | 64           | 53          | 4.9            | 4         | 0.1      | 08.00                | 21.00                | 1.6    |     |
| Glaston-on-Sea ...             | c-o bc   | c-o bc   | c-o bc   | c-o bc | 66           | 54          | 5.2            | 3         | 4        | 12.30                | 21.00                | 1.4    |     |
| Shoeburyness ...               | c-o bc   | c-o bc   | c-o bc   | c-o bc | 66           | 53          | 5.0            | 3         | 0.2      | 11.00                | -                    | 1.9    |     |
| Grain ...                      | c-o bc   | c-o bc   | c-o bc   | c-o bc | 65           | 53          | 4.7            | 2         | 1        | 08.00                | 21.00                | 1.2    |     |
| Lymington ...                  | c-o bc   | c-o bc   | c-o bc   | c-o bc | 52           | 50          | 4.7            | 6         | -        | 08.00                | -                    | 0.9    |     |
| Solly (St. Mary's) ...         | c-o bc   | c-o bc   | c-o bc   | c-o bc | 65           | 55          | .              | 5         | 1        | 08.00                | 21.00                | 4.8    |     |
| Falmouth (Pendennis) ...       | c-o bc   | c-o bc   | c-o bc   | c-o bc | 67           | 57          | .              | 3         | Trace    | 11.00                | 05.30                | 5.5    |     |
| Plymouth (Cattewater) ...      | c-o bc   | c-o bc   | c-o bc   | c-o bc | 65           | 57          | 5.7            | 8         | Trace    | 08.00                | 21.00                | 6.7    |     |
| Portland Bill ...              | c-o bc   | c-o bc   | c-o bc   | c-o bc | 63           | 56          | .              | 2         | -        | 09.00                | -                    | .      |     |
| Southampton (Oval) ...         | c-o bc   | c-o bc   | c-o bc   | c-o bc | 63           | 54          | 5.2            | 6         | -        | 09.00                | -                    | 2.4    |     |
| Dungeness ...                  | c-o bc   | c-o bc   | c-o bc   | c-o bc | 63           | 55          | .              | 5         | -        | 08.00                | -                    | .      |     |
| Jersey ...                     | c-o bc   | c-o bc   | c-o bc   | c-o bc | 62           | 58          | .              | 8         | 0.2      | 11.00                | -                    | 2.5    |     |
| Guernsey ...                   | c-o bc   | c-o bc   | c-o bc   | c-o bc | 62           | 58          | .              | 5         | -        | 09.00                | -                    | .      |     |



| Observations from Cross Channel Steamers |                |            |        |        |          |       |     |
|------------------------------------------|----------------|------------|--------|--------|----------|-------|-----|
| Position.                                | Date and Time. | Steamship. | Wind.  |        | Weather. | Temp. |     |
|                                          |                |            | Dirac. | Force. |          | Air   | Sea |
| 2                                        | 28th 10h       | Anglia     | W      | 4      | om       | 54    | 56  |
| 1                                        | 28th 11h       | Reindeer   | SW     | 5      | ort      | 61    | 59  |
| 3                                        | 29th 2h        | Arundel    | NNW    | 6      | b        | 59    | 65  |

## GENERAL INFERENCE.

A depression now developing off the Hebrides will probably move eastwards and maintain cool and unsettled weather generally, but fair periods are likely at times in most districts.

| Districts.                | Forecasts for the 24 hours commencing 15h. GMT. Sunday, 29th July, 1923.                                         |
|---------------------------|------------------------------------------------------------------------------------------------------------------|
| 1. S.E. England           | Light or moderate westerly winds; mainly cloudy, some rain or showers; visibility moderate or good; rather cool. |
| 2. E. England             |                                                                                                                  |
| 3. E. Midlands            |                                                                                                                  |
| 4. W. Midlands            |                                                                                                                  |
| 5. S.W. England           | Moderate westerly winds; cloudy, occasional rain, visibility moderate to good; rather cool.                      |
| 6. South Wales            |                                                                                                                  |
| 7. North Wales            |                                                                                                                  |
| 8. N.W. England           | Wind variable, light or moderate; cloudy, occasional rain, visibility moderate; rather cool.                     |
| 9. N. Midlands            |                                                                                                                  |
| 10. N.E. England          |                                                                                                                  |
| 11. E. Scotland           |                                                                                                                  |
| 12. S.W. Scotland         | Wind mainly easterly, light or moderate; cloudy, occasional rain, visibility moderate to good; rather cool.      |
| 13. Isle of Man           |                                                                                                                  |
| 14. N. & N.W. Scotland    |                                                                                                                  |
| 15. Hebrides              |                                                                                                                  |
| 16. Orkneys and Shetlands | As 5 - 7.                                                                                                        |
| 17. N.W. Ireland          |                                                                                                                  |
| 18. N.E. Ireland          |                                                                                                                  |
| 19. S.E. Ireland          |                                                                                                                  |
| 20. S.W. Ireland          |                                                                                                                  |

## Further Outlook.

Unsettled.







# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION. *Sunday, 29<sup>th</sup> July*

1923.

No. 210

| STATIONS.                | Height above M.S.L. in feet. | Observations at 0100 G.M.T. 29 <sup>th</sup> |                    |        |       |          |       |             |             |        |      |      | Observations at 0700 G.M.T. 29 <sup>th</sup> |                  |                    |        |       |          |       |             |             |        |      |      |            |      |      |      |      |      |
|--------------------------|------------------------------|----------------------------------------------|--------------------|--------|-------|----------|-------|-------------|-------------|--------|------|------|----------------------------------------------|------------------|--------------------|--------|-------|----------|-------|-------------|-------------|--------|------|------|------------|------|------|------|------|------|
|                          |                              | Barom. at M.S.L.                             | Change in 3 Hours. | Wind.  |       | Weather. | Temp. | Humidity. % | Visibility. | Cloud. |      |      |                                              | Barom. at M.S.L. | Change in 3 Hours. | Wind.  |       | Weather. | Temp. | Humidity. % | Visibility. | Cloud. |      |      |            |      |      |      |      |      |
|                          |                              |                                              |                    | Direc. | Force |          |       |             |             | Height | Form | Amt. | Total Amt.                                   |                  |                    | Direc. | Force |          |       |             |             | Height | Form | Amt. | Total Amt. |      |      |      |      |      |
|                          |                              |                                              |                    |        |       |          |       |             |             |        |      |      |                                              |                  |                    |        |       |          |       |             |             |        |      |      |            | 0-12 | 0-10 | 0-10 | 0-10 | 0-12 |
| Lerwick                  | 54                           | 100.4                                        | -1                 | -      | 0     | o/b      | 47    | 92          | 4           | 4000   | Nb   | 3    | Acu                                          | 3                | 100.5              | -1     | -     | 0        | C     | 49          | 75          | 8      | 1200 | St   | 4          | Acu  | 8    | 8    | 0    | 2    |
| Stornoway                | 51                           | 100.4                                        | 0                  | -      | 0     | b        | 50    | 85          | 5           | 500    | St   | 4    | Acu                                          | 8                | 100.5              | -2     | SE    | 3        | C     | 53          | 52          | 8      | 800  | St   | 8          | Acu  | 8    | 4    | 0    | 0    |
| Wick                     | 31                           | 100.4                                        | -2                 | ESE    | 2     | C        | 50    | 85          | 5           | 500    | St   | 4    | Acu                                          | 8                | 100.4              | -1     | SE    | 2        | C     | 51          | 85          | 8      | 800  | St   | 10         | Acu  | 10   | 10   | 10   | 0    |
| Castlesay                | 37                           |                                              |                    |        |       |          |       |             |             |        |      |      |                                              |                  | 100.8              | -2     | SE    | 2        | o/b   | 54          | 92          | 8      | 1500 | St   | 10         | -    | -    | 10   | 10   | 0    |
| Nairn                    | 82                           |                                              |                    |        |       |          |       |             |             |        |      |      |                                              |                  | 100.4              | 0      | -     | 0        | o/b   | 52          | 85          | 8      | 4000 | St   | 10         | -    | -    | 10   | 10   | 0    |
| Aberdeen                 | 46                           |                                              |                    |        |       |          |       |             |             |        |      |      |                                              |                  | 100.8              | 0      | SE    | 3        | o/b   | 52          | 85          | 8      | 4000 | St   | 10         | -    | -    | 10   | 10   | 0    |
| Malin Head               | 71                           | 100.3                                        | 0                  | SW     | 1     | C        | 55    | 85          | 8           | 500    | St   | 8    | -                                            | 8                | 100.6              | -1     | S     | 3        | C     | 56          | 92          | 8      | 4000 | Nb   | 8          | -    | -    | 8    | 10   | 0    |
| Renfrew                  | 48                           |                                              |                    |        |       |          |       |             |             |        |      |      |                                              |                  | 100.3              | -1     | -     | 3        | o/b   | 52          | 92          | 7      | 800  | Nb   | 10         | -    | -    | 10   | 10   | 2    |
| Edinburgh (Inchkeith)    | 180                          | 100.4                                        | +1                 | E      | 3     | add      | 50    | 97          | 7           | -      | Nb   | 10   | -                                            | 10               | 100.4              | -1     | E     | 3        | add   | 51          | 97          | 7      | -    | Nb   | 10         | -    | -    | 10   | 10   | 1    |
| Leuchars                 | 36                           |                                              |                    |        |       |          |       |             |             |        |      |      |                                              |                  | 100.0              | 0      | E     | 1        | add   | 51          | 97          | 7      | 220  | Nb   | 10         | -    | -    | 10   | 10   | 1    |
| Baldernair               | 794                          |                                              |                    |        |       |          |       |             |             |        |      |      |                                              |                  | 100.0              | -1     | S     | 1        | o     | 53          | 92          | 6      | 450  | St   | 10         | -    | -    | 10   | 10   | 1    |
| Tynemouth                | 118                          | 100.3                                        | +2                 | ENE    | 1     | o        | 54    | 94          | 6           | 800    | Nb   | 10   | -                                            | 10               | 100.3              | +1     | S     | 1        | add   | 54          | 92          | 5      | 450  | St   | 10         | -    | -    | 10   | 10   | 1    |
| Blackod Point            | 10                           | 100.4                                        | 0                  | SW     | 3     | o/b      | 55    | 97          | 7           | -      | -    | 10   | -                                            | 10               | 100.4              | 0      | W     | 4        | C     | 56          | 92          | 8      | 1500 | St   | 8          | -    | -    | 8    | 10   | 0    |
| Donaghadee               | 35                           |                                              |                    |        |       |          |       |             |             |        |      |      |                                              |                  | 100.4              | 0      | S     | 1        | o/b   | 56          | 92          | 8      | 1500 | St   | 10         | -    | -    | 10   | 10   | 0    |
| Birr Castle              | 175                          |                                              |                    |        |       |          |       |             |             |        |      |      |                                              |                  | 100.4              | 0      | SW    | 1        | o/b   | 56          | 92          | 8      | 1500 | St   | 10         | -    | -    | 10   | 10   | 0    |
| Holyhead                 | 26                           | 100.4                                        | +1                 | N      | 4     | o        | 57    | 85          | 8           | 2500   | St   | 10   | -                                            | 10               | 100.5              | +1     | SWW   | 4        | o     | 57          | 92          | 8      | 2500 | St   | 10         | -    | -    | 10   | 10   | 0    |
| Liverpool (Bidston)      | 169                          |                                              |                    |        |       |          |       |             |             |        |      |      |                                              |                  | 100.4              | +1     | WSW   | 3        | C     | 57          | 92          | 8      | 2500 | St   | 10         | -    | -    | 10   | 10   | 0    |
| Chester (Shotwick)       | 16                           |                                              |                    |        |       |          |       |             |             |        |      |      |                                              |                  | 100.4              | +1     | -     | 0        | o     | 57          | 92          | 8      | 4000 | St   | 10         | -    | -    | 10   | 10   | 0    |
| Spurn Head               | 26                           | 100.5                                        | +2                 | NW     | 3     | o/b      | 55    | 94          | 6           | 1500   | St   | 10   | -                                            | 10               | 100.5              | +3     | E     | 1        | o     | 55          | 92          | 8      | 2500 | St   | 10         | -    | -    | 10   | 10   | 0    |
| Birmingham (Edgbaston)   | 525                          |                                              |                    |        |       |          |       |             |             |        |      |      |                                              |                  | 100.5              | +2     | WSW   | 3        | C     | 55          | 92          | 8      | 4000 | St   | 10         | -    | -    | 10   | 10   | 0    |
| Nottingham               | 82                           |                                              |                    |        |       |          |       |             |             |        |      |      |                                              |                  | 100.5              | +1     | SW    | 2        | o     | 56          | 92          | 8      | 2500 | Nb   | 10         | -    | -    | 10   | 10   | 0    |
| Crawwell                 | 237                          | 100.5                                        | +2                 | NW     | 3     | o/b      | 55    | 92          | 6           | 1500   | Nb   | 10   | -                                            | 10               | 100.6              | +2     | WSW   | 2        | o     | 56          | 92          | 8      | 4000 | St   | 10         | -    | -    | 10   | 10   | 0    |
| Gorleston                | 13                           | 100.2                                        | 0                  | NNW    | 3     | o/b      | 56    | 94          | 6           | 4000   | Nb   | 10   | -                                            | 10               | 100.5              | +3     | NNW   | 2        | o     | 57          | 92          | 8      | 4000 | St   | 10         | -    | -    | 10   | 10   | 0    |
| Valencia (Cahiroveon)    | 30                           | 100.0                                        | +1                 | SW     | 5     | o/b      | 57    | 94          | 8           | -      | -    | 0    | ASr                                          | 10               | 100.4              | 0      | W     | 2        | o     | 57          | 92          | 8      | 4000 | St   | 10         | -    | -    | 10   | 10   | 0    |
| Roches Point             | 32                           |                                              |                    |        |       |          |       |             |             |        |      |      |                                              |                  | 100.3              | 0      | W     | 3        | o     | 57          | 92          | 8      | 4000 | St   | 10         | -    | -    | 10   | 10   | 0    |
| Pembroke (St. Ann's Hl.) | 149                          | 100.2                                        | +1                 | N      | 3     | o        | 56    | 92          | 8           | 4000   | St   | 10   | -                                            | 10               | 100.3              | +1     | WSW   | 3        | o     | 58          | 92          | 8      | 4000 | St   | 10         | -    | -    | 10   | 10   | 0    |
| Ross-on-Wye              | 223                          |                                              |                    |        |       |          |       |             |             |        |      |      |                                              |                  | 100.3              | +1     | SW    | 3        | o     | 58          | 92          | 8      | 4000 | St   | 10         | -    | -    | 10   | 10   | 0    |
| Benson                   | 188                          |                                              |                    |        |       |          |       |             |             |        |      |      |                                              |                  | 100.3              | +2     | WSW   | 3        | o     | 58          | 92          | 8      | -    | Cu   | 4          | -    | -    | 10   | 10   | 0    |
| Andover                  | 295                          |                                              |                    |        |       |          |       |             |             |        |      |      |                                              |                  | 100.5              | +1     | WSW   | 3        | o     | 58          | 92          | 8      | 800  | St   | 4          | -    | -    | 10   | 10   | 0    |
| E. Farnborough           | 230                          |                                              |                    |        |       |          |       |             |             |        |      |      |                                              |                  | 100.4              | +3     | W     | 3        | o     | 58          | 92          | 8      | 2500 | Cu   | 3          | -    | -    | 10   | 10   | 0    |
| London (Kew Obs.)        | 18                           |                                              |                    |        |       |          |       |             |             |        |      |      |                                              |                  | 100.7              | +2     | WSW   | 2        | o     | 58          | 92          | 8      | 2500 | Cu   | 1          | -    | -    | 10   | 10   | 0    |
| Oxford                   | 244                          | 100.3                                        | +1                 | WSW    | 3     | b/c      | 54    | 92          | 8           | -      | -    | 0    | C                                            | 4                | 100.3              | +2     | WSW   | 2        | o     | 57          | 92          | 8      | 800  | St   | 6          | -    | -    | 10   | 10   | 0    |
| Olacon-on-Sea            | 54                           |                                              |                    |        |       |          |       |             |             |        |      |      |                                              |                  | 100.8              | +3     | W     | 3        | o     | 58          | 92          | 8      | 1500 | Cu   | 1          | -    | -    | 10   | 10   | 0    |
| Shoeburyness             | 11                           |                                              |                    |        |       |          |       |             |             |        |      |      |                                              |                  | 100.5              | +2     | NNW   | 4        | o     | 58          | 92          | 8      | 4000 | Cu   | 1          | -    | -    | 10   | 10   | 0    |
| Grain                    | 20                           |                                              |                    |        |       |          |       |             |             |        |      |      |                                              |                  | 100.4              | +3     | WSW   | 3        | o     | 58          | 92          | 8      | 1500 | St   | 1          | -    | -    | 10   | 10   | 0    |
| Lymington                | 350                          | 100.3                                        | +2                 | NNW    | 3     | b        | 52    | 85          | 8           | -      | -    | 0    | C                                            | 2                | 100.3              | +2     | NNW   | 3        | o     | 58          | 92          | 8      | 800  | St   | 4          | -    | -    | 10   | 10   | 0    |
| Boilly (St. Mary's)      | 131                          | 100.5                                        | +1                 | NN     | 2     | o/b      | 58    | 94          | 6           | 2500   | CuNb | 10   | -                                            | 10               | 101.3              | +1     | NN    | 3        | C     | 58          | 92          | 8      | 4000 | St   | 8          | -    | -    | 10   | 10   | 0    |
| Falmouth (Pendennis)     | 200                          | 100.1                                        | +2                 | W      | 3     | o        | 58    | 85          | 7           | 4000   | St   | 10   | -                                            | 10               | 100.2              | +1     | WSW   | 3        | o     | 58          | 92          | 8      | 4000 | St   | 4          | -    | -    | 10   | 10   | 0    |
| Plymouth (Cattewater)    | 82                           |                                              |                    |        |       |          |       |             |             |        |      |      |                                              |                  | 100.3              | +1     | WSW   | 3        | o     | 58          | 92          | 8      | 4000 | St   | 5          | -    | -    | 10   | 10   | 0    |
| Portland Bill            | 19                           | 100.4                                        | 0                  | W      | 4     | b        | 53    | 85          | 7           | -      | -    | 0    | -                                            | 0                | 100.2              | 0      | W     | 4        | o     | 58          | 92          | 8      | 2500 | St   | 1          | -    | -    | 10   | 10   | 0    |
| Southampton (V. shot)    | 12                           | 100.0                                        | +1                 | W      | 3     | o/b      | 56    | 85          | 8           | -      | -    | 0    | -                                            | 0                | 100.8              | +2     | WSW   | 3        | o     | 58          | 92          | 8      | 4000 | Cu   | 1          | -    | -    | 10   | 10   | 0    |
| Dungeness                | 21                           | 100.2                                        | +3                 | WSW    | 3     | o/b      | 55    | 92          | 8           | -      | -    | 0    | -                                            | 0                | 100.6              | +3     | W     | 3        | o     | 58          | 92          | 8      | 4000 | Cu   | 1          | -    | -    | 10   | 10   | 0    |
| Jersey                   | 25                           |                                              |                    |        |       |          |       |             |             |        |      |      |                                              |                  | 100.3              | 0      | W     | 3        | o     | 58          | 92          | 8      | 4000 | St   | 10         | -    | -    | 10   | 10   | 0    |
| Guernsey                 |                              | 100.8                                        | +1                 | W      | 2     | o        | 58    | 92          | 8           | 500    | St   | 10   | -                                            | 10               | 100.9              | 0      | W     | 3        | o     | 58          | 92          | 8      | 4000 | St   | 10         | -    | -    | 10   | 10   | 0    |

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR *29<sup>th</sup>*

| STATIONS.          | WEATHER.  |            | TEMPERATURE. |           | RAINFALL†      |             | SUNSHINE.       |                    | STATIONS.             | WEATHER.  |            | TEMPERATURE. |           | RAINFALL†      |             | Sunrise to 17h. hr. | Sunset to 17h. hr. |
|--------------------|-----------|------------|--------------|-----------|----------------|-------------|-----------------|--------------------|-----------------------|-----------|------------|--------------|-----------|----------------|-------------|---------------------|--------------------|
|                    | Forenoon. | Afternoon. | Min. Night.  | Max. Day. | Night 17h-21h. | Day 9h-17h. | Sunrise to 17h. | Sunrise to Sunset. |                       | Forenoon. | Afternoon. | Min. Night.  | Max. Day. | Night 17h-21h. | Day 9h-17h. |                     |                    |
|                    |           |            | 24-28        | 28        | 24-28          | 18          | 28              | 14                 |                       |           |            | 24-28        | 28        | 24-28          | 18          |                     |                    |
| Montrose ...       | or        | o          | 51           | 52        | 2              | 5           | 0.0             | 3.2                | Ilfracombe ...        | o-c-b     | b-c        | 57           | 62        | 2.0            | 2           | 5.9                 | 3.0                |
| Berwick-on-Tweed   | M. ns.    | mm.        | 51           | 55        | 1              | 0.3         | 0.0             | 6.4                | Bude ...              | T         | c-bc       | 57           | 65        | 1.4            | 0.2         | 5.8                 | 3.2                |
| Llandudno ...      | c-o       | d-o-c-b    | 55           | 64        | 19             | 0.4         | 1.6             | 0.3                | Penzance ...          | or-bc     | bc         | 56           | 68        | 6              |             | 3.0                 | 3.3                |
| Gilwyn Bay ...     | cd        | cp         | 56           | 63        | 14             | 1           | 1.6             | 0.3                | Paignton ...          | odr       | odr-bc     | 60           | 69        | 0.3            | 3           | 3.3                 | 4.0                |
| Rhyl ...           |           |            |              |           |                |             |                 |                    | Torquay ...           | T         | pc-bc      | 62           | 64        | 0.2            | 1           | 1.8                 |                    |
| Southport ...      | T-o       | o-c-bc     | 54           | 61        | 22             | 2           | 1.1             | 1.2                | Weymouth ...          | o-bc      | cp-bc      | 60           | 67        | 1              |             |                     |                    |
| Blackpool ...      | or        | o-c        | 54           | 63        | 37             | 3           | 1.2             | 0.4                | Bournemouth ...       | P         | P          | 59           | 64        |                | 3           | 1.0                 | 5.6                |
| Ilkley ...         | or        | T          | 52           | 64        | 21             | 9           | 0.0             | 2.8                | Portsmouth (S. Chas.) | or        | o-c-bc     | 60           | 64        |                | 3           | 0.6                 | 9.1                |
| Harrogate ...      | o-c-bc    | bc-or      | 51           | 63        | 17             | 0.3         | 0.1             | 3.6                | Worthing ...          | or        | T-o-c      | 59           | 63        | 1              | 6           | 0.4                 | 10.4               |
| Skewness ...       | or        | or         | 54           | 67        | 6              | 7           | 0.4             | 4.8                | Brighton ...          | o-c-o     | o-c-o      | 58           | 63        | 2              | 7           | 0.2                 | 11.3               |
| Aberystwyth ...    | o-o       | c          | 57           | 62        | 8              | -           | 2.7             | 0.0                | Eastbourne ...        | T-o       | T-o        | 58           | 63        | 1              |             | 0.0                 | 10.7               |
| Bath ...           | o/r       | bc-c       | 60           | 66        | 2              | 5           | 2.6             | 2.7                | Hastings ...          | o-p-ds    | or-Ro      | 58           | 62        | 1              | 4           | 0.0                 | 9.9                |
| Leamington Spa ... | or        | o-r-bc     | 54           | 65        | 2              | 10          | 1.5             | 1.5                | Folkestone ...        | d         | d          | 52           | 65        | 2              | 6           | 0.2                 | 12.0               |
| Lowestoft ...      | o         | o-r-o      | 57           | 68        | -              | 2           | 0.1             | 6.6                | Tunbridge Wells ...   | or-o      | or-c       | 57           | 62        |                |             | 0.6                 | 12.0               |
| Felixstowe ...     | o/r       | o-r-bc     | 58           | 67        | -              | 3           | 0.6             | 10.1               | Ramsgate ...          |           |            |              |           |                |             | 0.6                 |                    |
| Southend ...       | or        | T-o/r      | 58           | 65        | 0.1            | 2           | 1.0             | 7.1                | Margate ...           | o         | or-c       | 57           | 64        | 0.1            | 2           | 0.0                 |                    |
|                    |           |            |              |           |                |             |                 |                    | Deal ...              | or        | or-c       | 57           | 64        |                | 4           |                     |                    |

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\* Information for these columns not usually received.

† Trace = rain less than 0.01 in. 1/10 = 0.01 in.

‡ For code see page 2.

§ See footnote page 1.



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.22520

Monday, 30th July 1923.

Page 1.

| Observations at 1800 G.M.T. 29th |                                    |       |       |          |           |             |                   |        |      |      |      |                                    |       |        | Observations at 1800 G.M.T. 29th |           |             |                   |        |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| STATIONS.                        | Barom. at M.S.L. Change in 3 Hours | Wind. |       | Weather. | Temp. °F. | Humidity. % | Visibility. Miles | Cloud. |      |      |      | Barom. at M.S.L. Change in 3 Hours | Wind. |        | Weather.                         | Temp. °F. | Humidity. % | Visibility. Miles | Cloud. |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                  |                                    | Dir.  | Force |          |           |             |                   | Height | Form | Amt. | Dir. |                                    | Force | Height |                                  |           |             |                   | Form   | Amt. |      |      |      |      |      |      |      |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                  |                                    |       |       |          |           |             |                   |        |      |      |      |                                    |       |        |                                  |           |             |                   |        |      | 0-12 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 | 0-10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (For heights see p. 4.)          | m.b.                               |       |       |          |           |             |                   |        |      |      | m.b. |                                    |       |        |                                  |           |             |                   |        |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

| LONDON OBSERVATIONS.                        |       |             |        |      | WEATHER.                                                                                           |             |        | TEMPERATURE.               |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | RAIN-FALL. |        | SUN-SHINE to Sunset hrs. |             | HUMIDITY.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          | ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre. |                       | POLE STAR RECORD at Greenwich Obs. |                                                                                                                                                                                                                  | CODE FOR STATE OF GROUND.                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |  |  |                                      |  |  |  |  |
|---------------------------------------------|-------|-------------|--------|------|----------------------------------------------------------------------------------------------------|-------------|--------|----------------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|--------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------------------------------------------|-----------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--|--|--------------------------------------|--|--|--|--|
|                                             |       |             |        |      | Morn-ing.                                                                                          | After-noon. | Night. | Max. °F.                   | Min. °F. | Min. on Grass °F.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Day.       | Night. | 1st G.M.T. %             | 2d G.M.T. % | 34 Hrs. ended 1800 G.M.T.                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          | Exposure from 29th 21.00 to 30th 03.00                               |                       | Stars.                             |                                                                                                                                                                                                                  | 0=Dry ground.<br>1=Wet ground.<br>2=Soft (muddy) wet ground.<br>3=Bare ground frozen (but less than 2 ins. deep).<br>4=Bare ground frozen (but more than 2 ins. deep).<br>5=Dew (or wet grass but not wet ground).<br>6=Skating to-day in 1800 and 1800 reports (Hear frost in 1800 and 1800 reports).<br>7=Snow (thin layer, often not continuous).<br>8=Snow (deep, impeding traffic, usually a continuous layer).<br>9=Glassed roads (from rain or melted snow). |           |  |  |                                      |  |  |  |  |
| 24 HOURS ENDED 0000 G.M.T.                  |       |             |        |      | 24 HOURS ENDED 0000 G.M.T.                                                                         |             |        | 24 HOURS ENDED 0000 G.M.T. |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | YESTERDAY. |        | TO-DAY.                  |             | 24 Hrs. ended 1800 G.M.T.                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          | South Kensington                                                     |                       | Max. Time. Min. Time.              |                                                                                                                                                                                                                  | Kew Observatory                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |  |  |                                      |  |  |  |  |
| Orodon { 34 hours ended 9700                |       |             |        |      | bcc                                                                                                | ccy         | oyoc   | .                          | .        | 55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -          | 1      | 5.2                      | .           | .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 29th 21.00 to 30th 03.00 |                                                                      | Max. Time. Min. Time. |                                    | Stars.                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Exposure. |  |  |                                      |  |  |  |  |
| Ordnance (Royal Obs.)                       |       |             |        |      | bco                                                                                                | o           | or.6   | 73                         | 58       | 55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -          | 1      | 5.7                      | .           | .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 29th 21.00 to 30th 03.00 |                                                                      | Max. Time. Min. Time. |                                    | Stars.                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Exposure. |  |  |                                      |  |  |  |  |
| City (Banhill Row)                          |       |             |        |      | o                                                                                                  | o           | oro    | 73                         | 58       | 53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -          | 1      | 2.7                      | 59          | 66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 29th 21.00 to 30th 03.00 |                                                                      | Max. Time. Min. Time. |                                    | Stars.                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Exposure. |  |  |                                      |  |  |  |  |
| Westminster (St. James' Pk.)                |       |             |        |      | .                                                                                                  | .           | .      | 68                         | 56       | 46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -          | 2      | 5.2                      | 85          | 65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 29th 21.00 to 30th 03.00 |                                                                      | Max. Time. Min. Time. |                                    | Stars.                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Exposure. |  |  |                                      |  |  |  |  |
| Regent's Pk. (Botanic Gdns.)                |       |             |        |      | .                                                                                                  | .           | .      | .                          | .        | .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -          | 4      | 4                        | .           | .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 29th 21.00 to 30th 03.00 |                                                                      | Max. Time. Min. Time. |                                    | Stars.                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Exposure. |  |  |                                      |  |  |  |  |
| Garden Square                               |       |             |        |      | .                                                                                                  | .           | .      | .                          | .        | .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -          | 4      | 4                        | .           | .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 29th 21.00 to 30th 03.00 |                                                                      | Max. Time. Min. Time. |                                    | Stars.                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Exposure. |  |  |                                      |  |  |  |  |
| Kensington Palace                           |       |             |        |      | coc                                                                                                | co          | .      | 71                         | 58       | 55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -          | 1      | .                        | .           | 67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 29th 21.00 to 30th 03.00 |                                                                      | Max. Time. Min. Time. |                                    | Stars.                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Exposure. |  |  |                                      |  |  |  |  |
| Hampton Observatory                         |       |             |        |      | abc                                                                                                | o           | .      | 70                         | 58       | 55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -          | 1      | 56 (18h)                 | .           | 60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 29th 21.00 to 30th 03.00 |                                                                      | Max. Time. Min. Time. |                                    | Stars.                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Exposure. |  |  |                                      |  |  |  |  |
|                                             |       |             |        |      | .                                                                                                  | .           | .      | 67                         | 53       | 52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -          | 1      | 3.6                      | .           | 72                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 29th 21.00 to 30th 03.00 |                                                                      | Max. Time. Min. Time. |                                    | Stars.                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Exposure. |  |  |                                      |  |  |  |  |
| RADIO DISTURBANCES (Atmospheric) AT ORODON. |       |             |        |      | TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. |             |        |                            |          | BEAUFORT NOTATION OF WEATHER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |        |                          |             | 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 DISTURBANCES.                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |  |  |                                      |  |  |  |  |
| Time.                                       | Type. | No. of loc. | Stren. | Dir. | 30th & 31st July, 1923.                                                                            |             |        |                            |          | b blue sky (not more than a quarter covered).<br>bc sky partly cloudy (one half covered).<br>c generally cloudy (three-quarters covered).<br>d drizzle. h hail. EQ line squall.<br>l lightning. o overcast sky.<br>m mist, visibility 1000-10000 m.<br>t fog. 300-1000 m.<br>P thick fog. less than 300 m.<br>p precipitation within sight of station.<br>p passing showers. r rain.<br>s snow. rs sleet. t thunder.<br>v unusual visibility. y dry air.<br>z dust haze: the turbid atmosphere of dry weather. |            |        |                          |             | With present weather is combined, whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions, thus: -bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; Capital letters indicate intensity, suffix e indicates slight and repetition of letters continuity, thus: -<br>R = heavy rain.<br>rr = continuous moderate rain.<br>rfe = continuous light rain. |                          |                                                                      |                       |                                    | 0=no swell } Calm or slight<br>1=mod. swell }<br>2=heavy swell }<br>3=no swell }<br>4=mod. swell } Moderate<br>5=heavy swell }<br>6=rather rough sea.<br>7=rough sea.<br>8=very rough sea.<br>9=mountainous sea. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |  |  | Beaufort No. Statute miles per hour. |  |  |  |  |
|                                             |       |             |        |      | STATIONS.                                                                                          |             |        |                            |          | b blue sky (not more than a quarter covered).<br>bc sky partly cloudy (one half covered).<br>c generally cloudy (three-quarters covered).<br>d drizzle. h hail. EQ line squall.<br>l lightning. o overcast sky.<br>m mist, visibility 1000-10000 m.<br>t fog. 300-1000 m.<br>P thick fog. less than 300 m.<br>p precipitation within sight of station.<br>p passing showers. r rain.<br>s snow. rs sleet. t thunder.<br>v unusual visibility. y dry air.<br>z dust haze: the turbid atmosphere of dry weather. |            |        |                          |             | With present weather is combined, whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions, thus: -bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; Capital letters indicate intensity, suffix e indicates slight and repetition of letters continuity, thus: -<br>R = heavy rain.<br>rr = continuous moderate rain.<br>rfe = continuous light rain. |                          |                                                                      |                       |                                    | 0=no swell } Calm or slight<br>1=mod. swell }<br>2=heavy swell }<br>3=no swell }<br>4=mod. swell } Moderate<br>5=heavy swell }<br>6=rather rough sea.<br>7=rough sea.<br>8=very rough sea.<br>9=mountainous sea. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |  |  | Beaufort No. Statute miles per hour. |  |  |  |  |
|                                             |       |             |        |      | Sunrise. Noon. Sunset.                                                                             |             |        |                            |          | b blue sky (not more than a quarter covered).<br>bc sky partly cloudy (one half covered).<br>c generally cloudy (three-quarters covered).<br>d drizzle. h hail. EQ line squall.<br>l lightning. o overcast sky.<br>m mist, visibility 1000-10000 m.<br>t fog. 300-1000 m.<br>P thick fog. less than 300 m.<br>p precipitation within sight of station.<br>p passing showers. r rain.<br>s snow. rs sleet. t thunder.<br>v unusual visibility. y dry air.<br>z dust haze: the turbid atmosphere of dry weather. |            |        |                          |             | With present weather is combined, whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions, thus: -bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; Capital letters indicate intensity, suffix e indicates slight and repetition of letters continuity, thus: -<br>R = heavy rain.<br>rr = continuous moderate rain.<br>rfe = continuous light rain. |                          |                                                                      |                       |                                    | 0=no swell } Calm or slight<br>1=mod. swell }<br>2=heavy swell }<br>3=no swell }<br>4=mod. swell } Moderate<br>5=heavy swell }<br>6=rather rough sea.<br>7=rough sea.<br>8=very rough sea.<br>9=mountainous sea. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |  |  | Beaufort No. Statute miles per hour. |  |  |  |  |
|                                             |       |             |        |      | G.M.T. G.M.T. G.M.T.                                                                               |             |        |                            |          | b blue sky (not more than a quarter covered).<br>bc sky partly cloudy (one half covered).<br>c generally cloudy (three-quarters covered).<br>d drizzle. h hail. EQ line squall.<br>l lightning. o overcast sky.<br>m mist, visibility 1000-10000 m.<br>t fog. 300-1000 m.<br>P thick fog. less than 300 m.<br>p precipitation within sight of station.<br>p passing showers. r rain.<br>s snow. rs sleet. t thunder.<br>v unusual visibility. y dry air.<br>z dust haze: the turbid atmosphere of dry weather. |            |        |                          |             | With present weather is combined, whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions, thus: -bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; Capital letters indicate intensity, suffix e indicates slight and repetition of letters continuity, thus: -<br>R = heavy rain.<br>rr = continuous moderate rain.<br>rfe = continuous light rain. |                          |                                                                      |                       |                                    | 0=no swell } Calm or slight<br>1=mod. swell }<br>2=heavy swell }<br>3=no swell }<br>4=mod. swell } Moderate<br>5=heavy swell }<br>6=rather rough sea.<br>7=rough sea.<br>8=very rough sea.<br>9=mountainous sea. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |  |  | Beaufort No. Statute miles per hour. |  |  |  |  |
|                                             |       |             |        |      | Yarmouth { 4.3 11.53 4.49<br>4.10 11.53 4.47<br>4.21 12.6 4.51<br>4.33 12.6 4.49                   |             |        |                            |          | b blue sky (not more than a quarter covered).<br>bc sky partly cloudy (one half covered).<br>c generally cloudy (three-quarters covered).<br>d drizzle. h hail. EQ line squall.<br>l lightning. o overcast sky.<br>m mist, visibility 1000-10000 m.<br>t fog. 300-1000 m.<br>P thick fog. less than 300 m.<br>p precipitation within sight of station.<br>p passing showers. r rain.<br>s snow. rs sleet. t thunder.<br>v unusual visibility. y dry air.<br>z dust haze: the turbid atmosphere of dry weather. |            |        |                          |             | With present weather is combined, whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions, thus: -bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; Capital letters indicate intensity, suffix e indicates slight and repetition of letters continuity, thus: -<br>R = heavy rain.<br>rr = continuous moderate rain.<br>rfe = continuous light rain. |                          |                                                                      |                       |                                    | 0=no swell } Calm or slight<br>1=mod. swell }<br>2=heavy swell }<br>3=no swell }<br>4=mod. swell } Moderate<br>5=heavy swell }<br>6=rather rough sea.<br>7=rough sea.<br>8=very rough sea.<br>9=mountainous sea. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |  |  | Beaufort No. Statute miles per hour. |  |  |  |  |
|                                             |       |             |        |      | Greenwich { 4.21 12.6 4.51<br>4.33 12.6 4.49                                                       |             |        |                            |          | b blue sky (not more than a quarter covered).<br>bc sky partly cloudy (one half covered).<br>c generally cloudy (three-quarters covered).<br>d drizzle. h hail. EQ line squall.<br>l lightning. o overcast sky.<br>m mist, visibility 1000-10000 m.<br>t fog. 300-1000 m.<br>P thick fog. less than 300 m.<br>p precipitation within sight of station.<br>p passing showers. r rain.<br>s snow. rs sleet. t thunder.<br>v unusual visibility. y dry air.<br>z dust haze: the turbid atmosphere of dry weather. |            |        |                          |             | With present weather is combined, whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions, thus: -bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; Capital letters indicate intensity, suffix e indicates slight and repetition of letters continuity, thus: -<br>R = heavy rain.<br>rr = continuous moderate rain.<br>rfe = continuous light rain. |                          |                                                                      |                       |                                    | 0=no swell } Calm or slight<br>1=mod. swell }<br>2=heavy swell }<br>3=no swell }<br>4=mod. swell } Moderate<br>5=heavy swell }<br>6=rather rough sea.<br>7=rough sea.<br>8=very rough sea.<br>9=mountainous sea. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |  |  | Beaufort No. Statute miles per hour. |  |  |  |  |
|                                             |       |             |        |      | Wick { 3.59 12.18 4.37<br>4.1 12.18 4.36<br>4.57 12.41 4.36                                        |             |        |                            |          | b blue sky (not more than a quarter covered).<br>bc sky partly cloudy (one half covered).<br>c generally cloudy (three-quarters covered).<br>d drizzle. h hail. EQ line squall.<br>l lightning. o overcast sky.<br>m mist, visibility 1000-10000 m.<br>t fog. 300-1000 m.<br>P thick fog. less than 300 m.<br>p precipitation within sight of station.<br>p passing showers. r rain.<br>s snow. rs sleet. t thunder.<br>v unusual visibility. y dry air.<br>z dust haze: the turbid atmosphere of dry weather. |            |        |                          |             | With present weather is combined, whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions, thus: -bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; Capital letters indicate intensity, suffix e indicates slight and repetition of letters continuity, thus: -<br>R = heavy rain.<br>rr = continuous moderate rain.<br>rfe = continuous light rain. |                          |                                                                      |                       |                                    | 0=no swell } Calm or slight<br>1=mod. swell }<br>2=heavy swell }<br>3=no swell }<br>4=mod. swell } Moderate<br>5=heavy swell }<br>6=rather rough sea.<br>7=rough sea.<br>8=very rough sea.<br>9=mountainous sea. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |  |  | Beaufort No. Statute miles per hour. |  |  |  |  |
|                                             |       |             |        |      | Valencia { 5.1 12.47 4.33                                                                          |             |        |                            |          | b blue sky (not more than a quarter covered).<br>bc sky partly cloudy (one half covered).<br>c generally cloudy (three-quarters covered).<br>d drizzle. h hail. EQ line squall.<br>l lightning. o overcast sky.<br>m mist, visibility 1000-10000 m.<br>t fog. 300-1000 m.<br>P thick fog. less than 300 m.<br>p precipitation within sight of station.<br>p passing showers. r rain.<br>s snow. rs sleet. t thunder.<br>v unusual visibility. y dry air.<br>z dust haze: the turbid atmosphere of dry weather. |            |        |                          |             | With present weather is combined, whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions, thus: -bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; Capital letters indicate intensity, suffix e indicates slight and repetition of letters continuity, thus: -<br>R = heavy rain.<br>rr = continuous moderate rain.<br>rfe = continuous light rain. |                          |                                                                      |                       |                                    | 0=no swell } Calm or slight<br>1=mod. swell }<br>2=heavy swell }<br>3=no swell }<br>4=mod. swell } Moderate<br>5=heavy swell }<br>6=rather rough sea.<br>7=rough sea.<br>8=very rough sea.<br>9=mountainous sea. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |  |  | Beaufort No. Statute miles per hour. |  |  |  |  |



| STATIONS.                   | SUMMARIES FOR THE PAST 24 HOURS. |                  |                  |                |                         |                            |                                  |                        |                           |                                | SUN.<br>29th<br>Hours. | ISALLOHARS<br>30th July.<br>-2 |
|-----------------------------|----------------------------------|------------------|------------------|----------------|-------------------------|----------------------------|----------------------------------|------------------------|---------------------------|--------------------------------|------------------------|--------------------------------|
|                             | WEATHER.                         |                  |                  |                | TEMPERATURE.            |                            |                                  |                        | RAINFALL.                 |                                |                        |                                |
|                             | Th-13h.<br>29th                  | 13h-18h.<br>29th | 18h-24h.<br>29th | 1h-7h.<br>30th | MAX.<br>Day.<br>Th-13h. | MIN.<br>Night.<br>13h-18h. | MIN.<br>on<br>Grass.<br>18h-24h. | Day.<br>Th-13h.<br>mm. | Night.<br>13h-18h.<br>mm. | Precipitation<br>began.<br>mm. |                        |                                |
| Lerwick ...                 | od                               | bc               | bc               | bc             | 55                      | 47                         | .                                | Trace                  | -                         | 0900                           | -                      | 2-4                            |
| Sarnoway ...                | c                                | r or d           | r-d              | r-d            | 58                      | 52                         | .                                | 2                      | 4                         | -                              | -                      | 2-2                            |
| Wick ...                    | oo                               | oid              | orr              | orrom          | 53                      | 50                         | .                                | 0-1                    | 5                         | 1430                           | 2100                   | .                              |
| Castlebay ...               | op                               | opcm             | cm               | cmcm           | 57                      | 52                         | .                                | 0-3                    | Trace                     | -                              | -                      | 1-6                            |
| Nairn ...                   | om                               | com              | od               | cbcb           | 60                      | 49                         | .                                | 2                      | 1430                      | 1                              | 2100                   | 0-0                            |
| Aberdeen ...                | oo                               | oou              | oou              | oou            | 52                      | 50                         | 48                               | 1                      | 1                         | 1430                           | 2100                   | 0-0                            |
| Malin Head ...              | id                               | c                | rcc              | ir             | 60                      | 53                         | .                                | 0-3                    | 6                         | 10800                          | 2100                   | 1-7                            |
| Renfrew ...                 | orRm                             | od               | om               | odd            | 63                      | 52                         | 50                               | 2                      | 1                         | 10800                          | 0530                   | 0-0                            |
| Edinburgh (Inchkeith) ...   | ado                              | ir               | iro              | oo             | 57                      | 52                         | 51                               | 2                      | 1                         | 10800                          | 2100                   | 1-5                            |
| Leuchars ...                | oddmm                            | oidm             | omp              | oo             | 56                      | 49                         | 36                               | 2                      | Trace                     | 10800                          | 2200                   | 0-1                            |
| Eskdalemuir ...             | op                               | opop             | op               | olr            | 57                      | 51                         | 48                               | 2                      | 1                         | 10800                          | 2100                   | 0-0                            |
| Tynemouth ...               | oidm                             | urid             | cm               | irm            | 57                      | 54                         | 51                               | 5                      | 6                         | 10800                          | -                      | .                              |
| Blackod Point ...           | oo                               | p                | p                | b2             | 51                      | .                          | .                                | 1                      | 1                         | 0900                           | 2100                   | .                              |
| Donaghadee ...              | ir                               | cub              | op               | bcb            | 63                      | 51                         | .                                | 2                      | 2                         | 0900                           | 2100                   | .                              |
| Birr Castle ...             | copR                             | ORR              | co               | copR           | 65                      | 53                         | 47                               | 2                      | 7                         | 10800                          | 2100                   | 0-9                            |
| Holyhead ...                | ovvdo                            | oo               | ovv              | c              | 61                      | 55                         | 53                               | Trace                  | 13                        | 1100                           | 2200                   | 0-8                            |
| Liverpool (Bidston) ...     | oo                               | oo               | r-d              | 62             | 54                      | 52                         | .                                | 12                     | -                         | 2200                           | 0-3                    |                                |
| Chester (Shotwick) ...      | oo                               | oo               | ooRm             | ORcc           | 65                      | 55                         | 49                               | 0-4                    | 16                        | 0900                           | 2200                   | 1-1                            |
| Spurn Head ...              | oo                               | op               | oor              | orac           | 64                      | 54                         | .                                | 0-2                    | 3                         | 1530                           | 2400                   | 0-2                            |
| Birmingham (Edgbaston) ...  | c                                | oo               | oor              | or             | 63                      | 55                         | 52                               | 0-3                    | -                         | 2200                           | 0-6                    |                                |
| Nottingham ...              | p                                | oo               | oor              | op             | 67                      | 57                         | 54                               | Trace                  | 2                         | 0900                           | 2200                   | 0-8                            |
| Cranwell ...                | ocop                             | o                | or               | oo             | 67                      | 50                         | 50                               | 1                      | 1                         | 2400                           | 3-1                    |                                |
| Gorleston ...               | couq                             | oprac            | oy               | oo             | 66                      | 57                         | 55                               | 0-4                    | -                         | 1430                           | -                      | 0-6                            |
| Valencia (Cahirovee) ...    | ood                              | odoc             | o                | cop            | 62                      | 57                         | 53                               | 0-4                    | 0-3                       | 1230                           | 0530                   | 2-5                            |
| Roches Point ...            | ora                              | ocr              | bc               | bo             | 63                      | 54                         | .                                | 1                      | -                         | 1100                           | -                      | .                              |
| Pembroke (St. Ann's H.) ... | c                                | opdo             | c                | bcc            | 60                      | 56                         | .                                | 0-1                    | 0-5                       | 1630                           | 2100                   | 1-4                            |
| Ross-on-Wye ...             | bcoc                             | oo               | ocodp            | ocbc           | 64                      | 57                         | 53                               | -                      | 0-4                       | -                              | 2200                   | 3-1                            |
| Benson ...                  | coc                              | o                | oo               | roo            | 72                      | 57                         | 51                               | -                      | 0-3                       | -                              | 2400                   | .                              |
| Andover ...                 | bcco                             | oo               | oo               | ocbw           | 68                      | 56                         | 51                               | -                      | Trace                     | -                              | -                      | 4-8                            |
| S. Farnborough ...          | vbcc                             | oov              | o                | r-d            | 71                      | 56                         | 54                               | -                      | 0-5                       | -                              | 2400                   | 5-8                            |
| London (Kew Obs.) ...       | bbcco                            | ooy              | oyoc             | core           | 70                      | 59                         | 55                               | -                      | 1                         | -                              | 0130                   | 5-2                            |
| Croydon ...                 | bco                              | o                | or               | orrr           | 68                      | 58                         | 55                               | -                      | 1                         | -                              | 2200                   | 5-7                            |
| Olaeton-on-Sea ...          | bcc                              | c                | co               | opc            | 69                      | 59                         | 58                               | -                      | 1                         | -                              | 0430                   | 6-2                            |
| Shoeburyness ...            | c                                | oo               | o                | oorb           | 71                      | 58                         | 56                               | -                      | 4                         | -                              | 0330                   | 6-9                            |
| Grain ...                   | bbcco                            | opov             | ovo              | ORoc           | 72                      | 58                         | 54                               | Trace                  | 4                         | 1100                           | 0130                   | 6-6                            |
| Lympe ...                   | bcco                             | oo               | oo               | or             | 67                      | 57                         | 55                               | -                      | 1                         | -                              | 0130                   | 8-2                            |
| Stilly (St. Mary's) ...     | co                               | camq             | cqbc             | bcb            | 66                      | 56                         | .                                | 0-4                    | 0-2                       | 1730                           | 2100                   | 1-6                            |
| Plymouth (Pensance) ...     | cbcc                             | comd             | omfbc            | bc             | 65                      | 56                         | .                                | Trace                  | 2                         | 1730                           | 2100                   | 2-7                            |
| Plymouth (Castletower) ...  | opco                             | or               | orc              | cpc            | 65                      | 58                         | 59                               | Trace                  | 4                         | 10800                          | 2100                   | 1-9                            |
| Portland Bill ...           | c                                | c                | c                | c              | 62                      | 58                         | .                                | 0-1                    | -                         | 2100                           | -                      | .                              |
| Southampton (Galehol) ...   | oc                               | co               | oorr             | oo             | 65                      | 58                         | 56                               | -                      | 2                         | -                              | 0130                   | 7-1                            |
| Dungeness ...               | borbc                            | oo               | o                | oo             | 66                      | 59                         | .                                | -                      | -                         | -                              | -                      | .                              |
| Jersey ...                  | orr                              | oddo             | op               | oc             | 64                      | 60                         | .                                | 4                      | 1                         | 0900                           | 2100                   | 2-5                            |
| Guernsey ...                | r-d                              | c                | r-d              | c              | 63                      | 58                         | .                                | 2                      | 1                         | 10800                          | 2200                   | .                              |

| Position | Date and Time | Steamship | Wind | Weather | Temp.   |
|----------|---------------|-----------|------|---------|---------|
|          |               |           | Dir. | Force   | Air     |
| 2        | 29th 1000     | "Anglia"  | SSW  | +       | op      |
|          |               |           |      |         | 54 55 7 |

GENERAL INFERENCE.

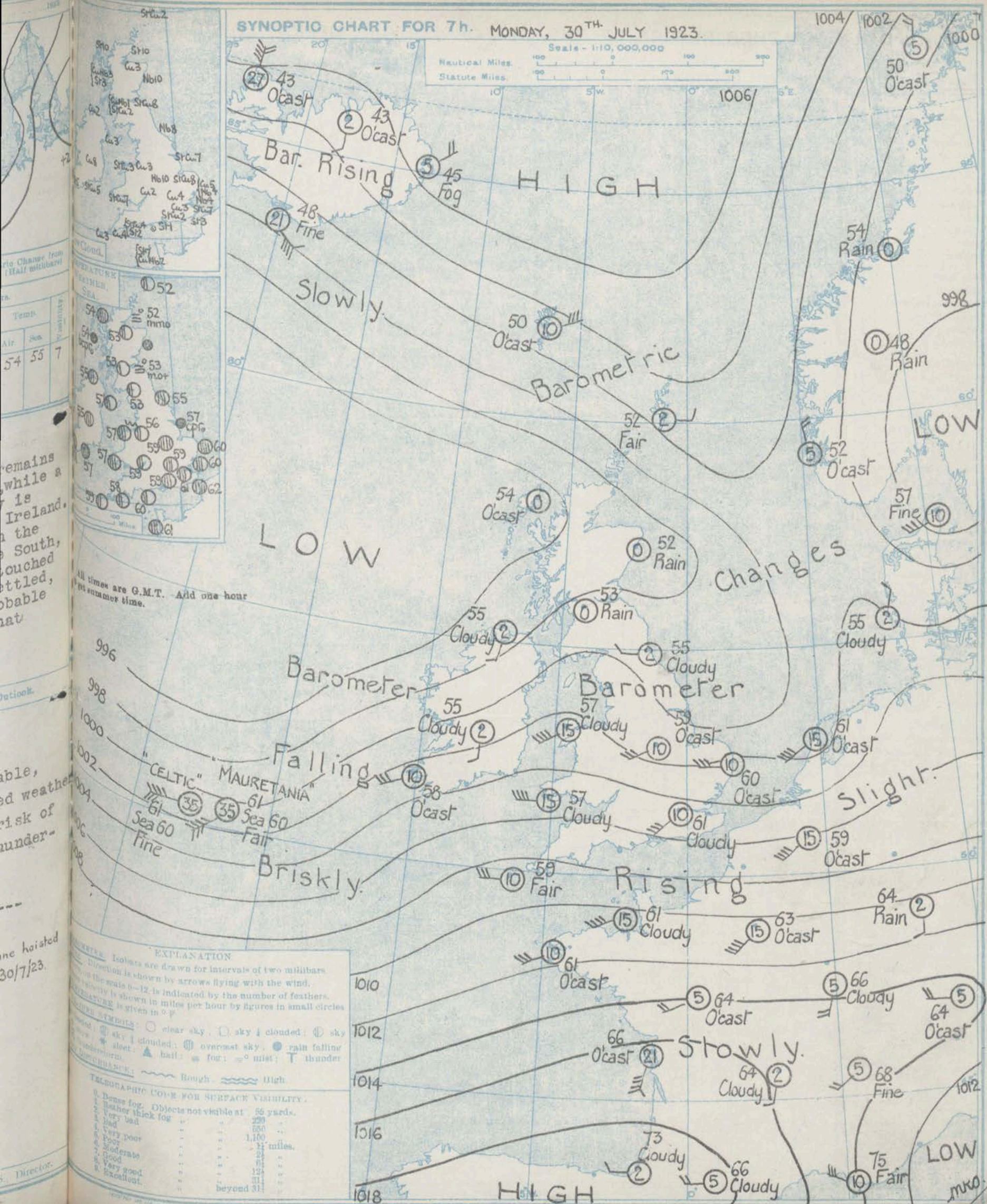
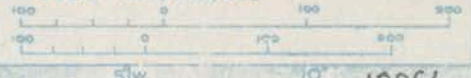
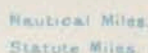
The main depression remains centred south of Iceland, while a rather vigorous secondary is indicated off the SW. of Ireland. Winds will be variable in the North and westerly in the South, where gale force may be touched, in exposed places. Unsettled, changeable weather is probable with a temperature somewhat below normal.

| Districts.                | Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 30th July, 1923.                                                       | Further Outlook.                                                  |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| 1. S.E. England           | Wind westerly, fresh or strong, high to a gale in exposed places; changeable some rain or showers; visibility good; rather cool. | Changeable, unsettled weather with a risk of local thunderstorms. |
| 2. E. England             |                                                                                                                                  |                                                                   |
| 3. E. Midlands            | Wind westerly, fresh or strong; changeable, some rain or showers; visibility good; rather cool.                                  |                                                                   |
| 4. W. Midlands            |                                                                                                                                  |                                                                   |
| 5. S.W. England           | As 1.                                                                                                                            |                                                                   |
| 6. South Wales            |                                                                                                                                  |                                                                   |
| 7. North Wales            | Wind westerly, moderate or fresh, strong in places; changeable, some rain or showers; visibility good; rather cool.              |                                                                   |
| 8. N.W. England           |                                                                                                                                  |                                                                   |
| 9. N. Midlands            |                                                                                                                                  |                                                                   |
| 10. N.E. England          |                                                                                                                                  |                                                                   |
| 11. E. Scotland           | Wind variable, mainly light or moderate; variable cloud, some showers; visibility moderate or good; rather cool.                 | South Cone hoisted 08.30 30/7/23.                                 |
| 12. S.W. Scotland         |                                                                                                                                  |                                                                   |
| 13. Isle of Man           |                                                                                                                                  |                                                                   |
| 14. N. & N.W. Scotland    |                                                                                                                                  |                                                                   |
| 15. Hebrides              |                                                                                                                                  |                                                                   |
| 16. Orkneys and Shetlands |                                                                                                                                  |                                                                   |
| 17. N.W. Ireland          | As 7 to 10.                                                                                                                      |                                                                   |
| 18. N.E. Ireland          |                                                                                                                                  |                                                                   |
| 19. S.E. Ireland          | As 1.                                                                                                                            |                                                                   |
| 20. S.W. Ireland          |                                                                                                                                  |                                                                   |



## Scale - 1:10,000,000





# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION... Monday, 30th July...

1923.

No. 211.

| STATIONS.                   | Height above M.S.L. in feet. | Observations at 0100 G.M.T. 30th |                    |        |       |          |           |             |                 |        |      |            | Observations at 0700 G.M.T. 30th |                    |        |       |          |           |             |                 |        |      |            |      |      |      |      |      |
|-----------------------------|------------------------------|----------------------------------|--------------------|--------|-------|----------|-----------|-------------|-----------------|--------|------|------------|----------------------------------|--------------------|--------|-------|----------|-----------|-------------|-----------------|--------|------|------------|------|------|------|------|------|
|                             |                              | Barom. at m.b.                   | Change in 3 Hours. | Wind.  |       | Weather. | Temp. °F. | Humidity. % | Visibility. 0-9 | Cloud. |      |            | Barom. at m.b.                   | Change in 3 Hours. | Wind.  |       | Weather. | Temp. °F. | Humidity. % | Visibility. 0-9 | Cloud. |      |            |      |      |      |      |      |
|                             |                              |                                  |                    | Direc. | Force |          |           |             |                 | Height | Form | Total Amt. |                                  |                    | Direc. | Force |          |           |             |                 | Height | Form | Total Amt. |      |      |      |      |      |
|                             |                              |                                  |                    |        |       |          |           |             |                 |        |      |            |                                  |                    |        |       |          |           |             |                 |        |      |            | 0-12 | 0-10 | 0-10 | 0-10 | 0-10 |
|                             |                              |                                  |                    |        |       |          |           |             |                 |        |      |            |                                  |                    |        |       |          |           |             |                 |        |      |            |      |      |      |      |      |
| Lerwick ...                 | 54                           | 1004.4                           | 0                  | SE     | 1     | bc       | 44        | 75          | 8               | -      | -    | 0          | 1002.4                           | -2                 | E      | 1     | bc       | 52        | 75          | 8               | 7200   | StCn | 2          | Acn  | 6    | 0    |      |      |
| Stornoway ...               | 51                           | 999.4                            | -2                 | SW     | 3     | bc       | 51        | 75          | 6               | -      | -    | -          | 999.5                            | -1                 | -      | 0     | o/r      | 54        | 92          | 7               | 800    | St   | 10         | -    | 10   | 0    |      |      |
| Wick ...                    | 81                           | 997.6                            | -2                 | SE     | 3     | o/r      | 51        | 97          | 7               | 2500   | Nb   | 10         | 996.3                            | 0                  | SSW    | 1     | mm       | 52        | 97          | 6               | 450    | St   | 10         | -    | 6    | 0    |      |      |
| Castlebay ...               | 37                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .      | .    | .          | 996.8                            | 0                  | -      | 0     | bgr      | 54        | 97          | 6               | 1500   | St   | 6          | -    | 5    | 0    |      |      |
| Nairn ...                   | 82                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .      | .    | .          | 996.8                            | 0                  | -      | 0     | bgr      | 53        | 92          | 8               | 4000   | Cn   | 3          | -    | 10   | 0    |      |      |
| Aberdeen ...                | 46                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .      | .    | .          | 997.4                            | 0                  | -      | 0     | o/r      | 52        | 97          | 6               | 1500   | Nb   | 10         | -    | -    | -    |      |      |
| Malin Head ...              | 71                           | 998.0                            | 0                  | SW     | 2     | cl       | 54        | 97          | 8               | 4000   | Nb   | 4          | 997.2                            | -1                 | SSW    | 1     | b        | 55        | 92          | 4               | ?      | ?    | ?          | ?    | ?    | ?    |      |      |
| Renfrew ...                 | 49                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .      | .    | .          | 998.5                            | +1                 | -      | 0     | b        | 53        | 97          | 5               | 4000   | StCn | 3          | -    | 3    | 1    |      |      |
| Edinburgh (Inchkeith) ...   | 190                          | 998.6                            | -1                 | .      | 0     | o/r      | 54        | 97          | 8               | -      | StCn | 6          | 998.1                            | 0                  | SW     | 1     | mc+      | 53        | 97          | 6               | -      | StCn | 8          | -    | 8    | 0    |      |      |
| Leuchars ...                | 36                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .      | .    | .          | 997.4                            | 0                  | WSW    | 2     | c        | 54        | 92          | 8               | 7200   | StCn | 3          | AST  | 4    | 0    |      |      |
| Baldernair ...              | 794                          | .                                | .                  | .      | .     | .        | .         | .           | .               | .      | .    | .          | 998.5                            | 0                  | WS     | 1     | bc       | 53        | 85          | 8               | 2500   | StCn | 4          | -    | 8    | 0    |      |      |
| Tynemouth ...               | 118                          | 994.7                            | -2                 | WSW    | 1     | o/r      | 56        | 92          | 6               | 800    | St   | 10         | 998.3                            | 0                  | W      | 1     | cl       | 55        | 97          | 6               | 800    | Nb   | 8          | -    | -    | -    |      |      |
| Blackpool Point ...         | 10                           | 1001.2                           | +1                 | W      | 4     | b        | 55        | 92          | 7               | -      | -    | 3          | 1000.9                           | -1                 | W      | 4     | o        | 57        | 97          | 8               | 1500   | -    | 10         | Ci   | 4    | 2    |      |      |
| Donaghadee ...              | 35                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .      | .    | .          | 1000.5                           | 0                  | S      | 2     | bc       | 57        | 85          | 8               | 1500   | Cn   | 3          | -    | 8    | 2    |      |      |
| Birr Castle ...             | 175                          | .                                | .                  | .      | .     | .        | .         | .           | .               | .      | .    | .          | 1000.4                           | 0                  | S      | 1     | c/r      | 55        | 92          | 6               | 2500   | Cn   | 8          | -    | 8    | 0    |      |      |
| Holyhead ...                | 26                           | 1000.1                           | -2                 | W'N    | 5     | cl       | 56        | 97          | 8               | 1500   | CnNb | 8          | 1002.2                           | +1                 | SW     | 4     | c        | 57        | 92          | 8               | 5700   | StCn | 3          | CiSt | 5    | 6    |      |      |
| Liverpool (Bidston) ...     | 189                          | .                                | .                  | .      | .     | .        | .         | .           | .               | .      | .    | .          | 1001.1                           | +1                 | WSW    | 5     | bgr      | 56        | 85          | 8               | 2500   | Cn   | 3          | CiSt | 8    | 0    |      |      |
| Chester (Shotwick) ...      | 16                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .      | .    | .          | 1001.8                           | +3                 | W      | 4     | c        | 58        | 75          | 8               | 1500   | StCn | 5          | CiSt | 8    | 0    |      |      |
| Sparn Head ...              | 26                           | 1001.0                           | -3                 | SW     | 4     | o/r      | 54        | 97          | 6               | 4000   | Nb   | 10         | 1000.8                           | +1                 | W      | 5     | bc       | 57        | 92          | 8               | 2500   | StCn | 7          | Ci   | 5    | 1    |      |      |
| Birmingham (Edgbaston) ...  | 525                          | .                                | .                  | .      | .     | .        | .         | .           | .               | .      | .    | .          | 1003.5                           | +2                 | WSW    | 4     | bc       | 57        | 75          | 8               | 4000   | StCn | 4          | CiSt | 10   | 0    |      |      |
| Nottingham ...              | 82                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .      | .    | .          | 1001.9                           | +3                 | WSW    | 3     | o        | 57        | 92          | 6               | 1500   | Nb   | 10         | -    | 10   | 0    |      |      |
| Cranwell ...                | 237                          | 1001.4                           | -4                 | S      | 3     | o/r      | 56        | 97          | 7               | 1500   | Nb   | 10         | 1001.5                           | +2                 | W'S    | 3     | o        | 59        | 85          | 7               | 2500   | StCn | 8          | -    | 9    | 0    |      |      |
| Gorleston ...               | 13                           | 1005.3                           | -1                 | SW     | 2     | o        | 58        | 85          | 8               | 4000   | StCn | 10         | 1002.4                           | -1                 | W      | 3     | o        | 60        | 92          | 7               | 4000   | Cn   | 9          | -    | 10   | 0    |      |      |
| Valencia (Cahirovean) ...   | 30                           | 1005.2                           | 0                  | S      | 3     | o        | 58        | 97          | 8               | -      | Cn   | 9          | 1002.4                           | -3                 | WSW    | 3     | o/r      | 58        | 85          | 7               | 1500   | St   | 5          | AST  | 10   | 0    |      |      |
| Roches Point ...            | 32                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .      | .    | .          | 1003.7                           | -2                 | SSW    | 2     | o        | 57        | 97          | 8               | 2500   | StCn | 5          | -    | 7    | 0    |      |      |
| Pembroke (St. Ann's H.) ... | 146                          | 1004.7                           | +2                 | W      | 5     | b        | 57        | 92          | 8               | 4000   | Cn   | 3          | 1003.4                           | 0                  | W      | 4     | c        | 57        | 92          | 8               | 4000   | StCn | 7          | -    | 7    | 0    |      |      |
| Ross-on-Wye ...             | 223                          | .                                | .                  | .      | .     | .        | .         | .           | .               | .      | .    | .          | 1004.7                           | +2                 | W'S    | 3     | bc       | 59        | 75          | 9               | 4000   | Cn   | 2          | Ci   | 4    | 0    |      |      |
| Benson ...                  | 188                          | .                                | .                  | .      | .     | .        | .         | .           | .               | .      | .    | .          | 1004.9                           | +3                 | WSW    | 4     | c        | 59        | 85          | 8               | -      | Cn   | 4          | -    | -    | -    |      |      |
| Anderbar ...                | 295                          | .                                | .                  | .      | .     | .        | .         | .           | .               | .      | .    | .          | 1005.9                           | +2                 | WSW    | 3     | bc       | 58        | 85          | 8               | 2500   | StCn | 3          | AST  | 6    | 0    |      |      |
| S. Farnborough ...          | 230                          | .                                | .                  | .      | .     | .        | .         | .           | .               | .      | .    | .          | 1005.4                           | +3                 | W      | 3     | bc       | 59        | 85          | 7               | 4000   | StCn | 2          | CiSt | 7    | 0    |      |      |
| London (Kew Obs.) ...       | 18                           | .                                | .                  | .      | .     | .        | 61        | .           | .               | .      | .    | .          | 1005.4                           | +3                 | SW     | 3     | c        | 61        | 75          | 8               | 1500   | Cn   | 3          | AST  | 9    | 0    |      |      |
| Groydon ...                 | 244                          | 1004.4                           | -5                 | SW'S   | 3     | o/r      | 58        | 92          | 7               | 800    | Nb   | 10         | 1005.0                           | +2                 | WSW    | 4     | o/r      | 60        | 85          | 8               | 1500   | Cn   | 8          | -    | 7    | 1    |      |      |
| Clacton-on-Sea ...          | 54                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .      | .    | .          | 1003.1                           | 0                  | WSW    | 3     | c        | 60        | 92          | 7               | 2500   | Nb   | 4          | Ci   | 3    | 0    |      |      |
| Shoeburyness ...            | 11                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .      | .    | .          | 1004.0                           | +2                 | SSW    | 5     | b/r      | 61        | 85          | 6               | 4000   | StCn | 2          | AST  | 8    | 0    |      |      |
| Grain ...                   | 20                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .      | .    | .          | 1004.5                           | +2                 | WSW    | 5     | c        | 61        | 85          | 8               | 4000   | StCn | 7          | AST  | 8    | 0    |      |      |
| Lympe ...                   | 350                          | 1003.8                           | -3                 | WSW    | 4     | o/r      | 57        | 92          | 7               | 800    | Nb   | 10         | 1005.2                           | +2                 | W      | 4     | c        | 59        | 92          | 8               | 800    | St   | 3          | -    | 5    | 0    |      |      |
| Solly (St. Mary's) ...      | 131                          | 1008.6                           | 0                  | W'N    | 5     | bc       | 59        | 85          | 8               | 4000   | Cn   | 3          | 1008.9                           | 0                  | W      | 3     | bc       | 59        | 92          | 8               | 4000   | Cn   | 3          | AST  | 4    | 0    |      |      |
| Falmouth (Pendennis) ...    | 200                          | 1008.0                           | +1                 | W      | 4     | bc       | 58        | 92          | 7               | 5700   | StCn | 5          | 1008.5                           | 0                  | W      | 3     | bc       | 58        | 92          | 8               | 4000   | Cn   | 4          | AST  | 6    | 0    |      |      |
| Plymouth (Cattewater) ...   | 82                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .      | .    | .          | 1007.6                           | +1                 | WSW    | 4     | bc       | 60        | 85          | 7               | 1500   | StCn | 0          | -    | 4    | 0    |      |      |
| Portland Bill ...           | 19                           | 1004.4                           | -4                 | W'S    | 6     | o/r      | 60        | 92          | 7               | 4000   | St   | 9          | 1006.4                           | +2                 | W      | 4     | bc       | 60        | 85          | 7               | -      | -    | 1          | AST  | 8    | 0    |      |      |
| Southampton (Cahshot) ...   | 12                           | 1003.9                           | -5                 | W'S    | 4     | o/r      | 61        | 47          | 8               | 1500   | St   | 9          | 1006.7                           | +3                 | WSW    | 4     | c        | 60        | 85          | 8               | 1500   | St   | 1          | AST  | 9    | 0    |      |      |
| Dungeness ...               | 21                           | 1006.1                           | .                  | SW     | 4     | o        | 60        | 85          | 8               | -      | 0    | AST        | 10                               | 1005.3             | +1     | WSW   | 5        | o         | 62          | 85              | 8      | 4000 | Cn         | 2    | -    | 3    |      |      |
| Jersey ...                  | 25                           | .                                | .                  | .      | .     | .        | .         | .           | .               | .      | .    | .          | 1010.3                           | 0                  | WSW    | 4     | c/r      | 61        | 92          | 8               | 4000   | StCn | 7          | -    | 9    | 0    |      |      |
| Guernsey ...                | ...                          | 1010.6                           | 0                  | W      | 4     | cl       | 60        | 97          | 6               | 800    | St   | 8          | 1010.2                           | +1                 | W      | 4     | o/r      | 59        | 65          | 7               | 800    | St   | 3          | -    | -    | -    |      |      |

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

| STATIONS.          | WEATHER.  |            | TEMPERATURE. |           | RAINFALL.      |             | SUNSHINE.       |                | STATIONS.             | WEATHER.  |            | TEMPERATURE. |           | RAINFALL.      |             | Sunrise to 17h. | Sunset to 24h. |
|--------------------|-----------|------------|--------------|-----------|----------------|-------------|-----------------|----------------|-----------------------|-----------|------------|--------------|-----------|----------------|-------------|-----------------|----------------|
|                    | Forenoon. | Afternoon. | Min. Night.  | Max. Day. | Night 17h-24h. | Day 9h-17h. | Sunrise to 17h. | Sunset to 24h. |                       | Forenoon. | Afternoon. | Min. Night.  | Max. Day. | Night 17h-24h. | Day 9h-17h. |                 |                |
|                    |           |            |              |           |                |             |                 |                |                       |           |            |              |           |                |             |                 |                |
| Montrose ...       | prf       | od         | 50           | 57        |                |             | 8.0             | 8.0            | Ilfracombe ...        | oc        | o          | 68           | 63        | 0.1            | -           | 0.8             | 7.6            |
| Berwick-on-Tweed   | pr, o     | pr, oc     | 51           | 62        | 1              | 0.5         | 0.2             | 0.0            | Bude ...              | ccdc      | c          | 59           | 66        | 0.2            | 0.4         | 1.2             | 7.1            |
| Llandudno ...      | cd        | o          | 57           | 63        | 1              | -           | 0.8             | 1.8            | Pennance ...          | prc       | bcc, o     | 58           | 67        | 0.5            | Trace       | 2.5             | 6.1            |
| Colwyn Bay ...     | c         | c          | 56           | 64        | -              | -           | 1.2             | 2.5            | Paignton ...          | co        | co, o, q   | 54           | 69        | -              | -           | 3.0             | 5.1            |
| Rhyl ...           | cbcc      | cbcc       | 55           | 64        | 0.2            | -           | 2.4             | 2.2            | Terquay ...           | c         | c          | 56           | 64        | -              | -           | 4.2             | 4.0            |
| Southport ...      | oco       | oco        | 56           | 63        | -              | -           | 0.5             | 2.5            | Weymouth ...          | oc        | co         | 56           | 68        | -              | -           | -               | -              |
| Blackpool ...      | oc        | o          | 54           | 64        | 0.3            | -           | 2.2             | 2.4            | Bournemouth ...       | bbc       | bc         | 54           | 69        | 3              | -           | 6.0             | 3.1            |
| Ilkley ...         | om, d     | c          | 54           | 63        | 5              | -           | 0.7             | 0.0            | Portsmouth (S. Isles) | bco       | bcc        | 56           | 69        | 0.8            | -           | 8.4             | 1.4            |
| Harrogate ...      | oc        | cbcc       | 52           | 70        | 5              | 0.1         | 0.3             | 0.1            | Worthing ...          | bc        | bc, b      | 51           | 67        | -              | -           | 8.0             | 0.4            |
| Skewness ...       | o         | o          | 55           | 67        | 2              | -           | 0.6             | 0.9            | Brighton ...          | bpcc      | cbcc       | 54           | 66        | -              | -           | 8.1             | 0.2            |
| Aberystwyth ...    | oo        | c          | 57           | 62        | -              | -           | 1.0             | 3.5            | Eastbourne ...        | bc        | c          | 55           | 65        | -              | -           | -               | -              |
| Bath ...           | ocbc      | co         | 56           | 66        | -              | -           | 3.9             | 3.8            | Hastings ...          | cbcb      | bbcc       | 51           | 67        | 0.3            | -           | 9.2             | 0.0            |
| Leamington Spa ... | -         | -          | 49           | 66        | -              | -           | 1.7             | 2.1            | Folkestone ...        | bc        | bc         | 51           | 69        | 0.3            | -           | 8.7             | 0.0            |
| Lowestoft ...      | a         | o          | 55           | 65        | 0.7            | -           | 0.5             | 0.9            | Tanbridge Wells ...   | bc        | bcc        | 59           | 69        | 1              | -           | 9.0             | 1.6            |
| Felixstowe ...     | b, bc     | bco        | 56           | 69        | 0.3            | -           | 2.7             | 2.0            | Ramsgate ...          | b, bc     | bc         | 51           | 69        | -              | -           | 7.5             | 2.0            |
| Bournemouth ...    | coq       | oq         | 51           | 71        | -              | -           | 4.0             | 1.8            | Margate ...           | c         | c          | 50           | 69        | -              | -           | 10.9            | 1.0            |
|                    |           |            |              |           |                |             |                 |                | Deal ...              | bbcc      | bucc       | 52           | 70        | -              | -           | -               | -              |

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## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.22531

Tuesday, 31<sup>st</sup> July, 1923.

Page 1.

| Observations at 1800 G.M.T. 30H |                  |                   |        |       |          |           |             |                  |        |        |        |        |                  |                   | Observations at 1800 G.M.T. 30H |      |          |           |             |                  |        |        |         |       |     |         |       |     |  |
|---------------------------------|------------------|-------------------|--------|-------|----------|-----------|-------------|------------------|--------|--------|--------|--------|------------------|-------------------|---------------------------------|------|----------|-----------|-------------|------------------|--------|--------|---------|-------|-----|---------|-------|-----|--|
| STATIONS.                       | Barom. at M.S.L. | Change in 3 Hours | Wind.  |       | Weather. | Temp. °F. | Humidity. % | Visibility. 0-10 | Cloud. |        |        |        | Barom. at M.S.L. | Change in 3 Hours | Wind.                           |      | Weather. | Temp. °F. | Humidity. % | Visibility. 0-10 | Cloud. |        |         |       |     |         |       |     |  |
|                                 |                  |                   | Direc. | Force |          |           |             |                  | Low.   | Upper. | Total. | Direc. |                  |                   | Force                           | Low. |          |           |             |                  | Upper. | Total. |         |       |     |         |       |     |  |
|                                 |                  |                   |        |       |          |           |             |                  |        |        |        |        |                  |                   |                                 |      |          |           |             |                  |        |        | Height. | Form. | Am. | Height. | Form. | Am. |  |
| (For heights see p.4.)          | m.b.             |                   | 0-12   |       |          |           |             |                  | Feet   | Form.  | Am.    |        | m.b.             |                   | 0-12                            |      |          |           |             | Feet             | Form.  | Am.    |         |       |     |         |       |     |  |
| Lewick                          | 1001.8           | 0                 | E      | 1     | bc       | 53        | 75          | 8                | 7200   | Sc     | 2      | Ac     | 5                | 1000.5            | -1                              | E    | 1        | bc        | 52          | 75               | 8      | 7200   | Sc      | 2     | Ac  | 6       |       |     |  |
| Stoneway                        | 995.4            | 0                 | S      | 3     | bc       | 58        | 75          | 8                | 4000   | Cu     | 4      | -      | 4                | 994.5             | -1                              | S    | 2        | bc        | 56          | 85               | 7      | 4000   | Sc      | 2     | Ac  | 9       |       |     |  |
| Wick                            | 996.6            | 0                 | ESE    | 1     | bc       | 54        | 92          | 8                | -      | -      | 0      | -      | 0                | 995.8             | 0                               | ESE  | 1        | bc        | 51          | 97               | 1      | 2150   | Sc      | 10    | -   | 10      |       |     |  |
| Castlebay                       | 995.3            | -1                | S      | 2     | bc       | 57        | 85          | 7                | 2500   | Sc     | 6      | -      | 6                | 993.6             | -2                              | SSW  | 2        | bc        | 53          | 85               | 8      | 4000   | Cu      | 3     | Ac  | 6       |       |     |  |
| Nairn                           | 995.3            | -1                | S      | 2     | bc       | 57        | 85          | 7                | 2500   | Sc     | 6      | -      | 6                | 994.8             | -1                              | S    | 2        | bc        | 57          | 92               | 7      | 1500   | Sc      | 10    | -   | 10      |       |     |  |
| Aberdeen                        | 994.0            | -1                | E'N    | 2     | b        | 63        | 85          | 7                | 1500   | Cu     | 1      | -      | 1                | 996.2             | -1                              | E'S  | 2        | bc        | 57          | 85               | 6      | 4000   | Nb      | 4     | Ac  | 9       |       |     |  |
| Malin Head                      | 995.5            | -2                | SW     | 2     | cl       | 59        | 92          | 2                | 4000   | Cu     | 3      | Ac     | 7                | 992.8             | -3                              | ENE  | 1        | cl        | 55          | 92               | 8      | 5700   | Nb      | 8     | -   | 8       |       |     |  |
| Renfrew                         | 994.2            | -2                | SW     | 3     | cl       | 60        | 95          | 2                | 2500   | Sc     | 4      | Ac     | 8                | 994.4             | -4                              | SW   | 1        | cl        | 58          | 92               | 6      | 2500   | Cu      | 7     | Ac  | 10      |       |     |  |
| Edinburgh (Leith)               | 994.3            | -2                | W      | 0     | cl       | 61        | 95          | 2                | -      | Cu     | 3      | Ac     | 8                | 995.6             | -1                              | SSW  | 1        | cl        | 57          | 97               | 7      | -      | Cu      | 3     | Ac  | 9       |       |     |  |
| Leith                           | 996.8            | -2                | W      | 2     | cl       | 63        | 65          | 8                | 4000   | Cu     | 5      | Ac     | 8                | 995.1             | -2                              | -    | 0        | cl        | 57          | 92               | 8      | 4000   | Cu      | 6     | Ac  | 9       |       |     |  |
| Exeter                          | 998.3            | 0                 | S      | 4     | cl       | 59        | 75          | 8                | 2500   | Sc     | 9      | -      | 9                | 996.1             | -2                              | S'W  | 4        | cl        | 55          | 85               | 7      | 1500   | Nb      | 10    | -   | 10      |       |     |  |
| Tynemouth                       | 998.6            | +1                | WNW    | 1     | cl       | 65        | 75          | 6                | 4000   | Cu     | 6      | Ac     | 10               | 997.4             | -1                              | W    | 2        | cl        | 62          | 75               | 7      | 800    | Nb      | 10    | -   | 10      |       |     |  |
| Blackpool                       | 995.8            | -2                | WSW    | 4     | cl       | 57        | 97          | 8                | -      | -      | 10     | -      | 10               | 993.9             | -2                              | WSW  | 4        | cl        | 57          | 97               | 8      | -      | -       | 9     | 4   |         |       |     |  |
| Donaghadee                      | 994.4            | -1                | S      | 1     | cl       | 59        | 92          | 8                | 800    | St     | 10     | -      | 10               | 995.2             | -4                              | S    | 1        | cl        | 58          | 97               | 8      | 1500   | Sc      | 10    | -   | 10      |       |     |  |
| Birr Castle                     | 998.0            | -1                | SW     | 1     | cl       | 60        | 92          | 7                | 2500   | Nb     | 9      | -      | 9                | 994.9             | -6                              | SW   | 1        | cl        | 60          | 75               | 7      | 2500   | Nb      | 9     | -   | 9       |       |     |  |
| Wexford                         | 1000.4           | -1                | SSW    | 4     | cl       | 59        | 92          | 7                | 800    | St     | 6      | Ac     | 9                | 995.5             | -6                              | S    | 4        | cl        | 57          | 97               | 7      | 800    | Nb      | 10    | -   | 10      |       |     |  |
| Liverpool (Bidston)             | 1000.9           | -2                | SW     | 3     | cl       | 63        | 65          | 8                | 2500   | Cu     | 3      | Ac     | 6                | 996.3             | -5                              | S'W  | 3        | cl        | 59          | 75               | 7      | 1500   | Cu      | 10    | -   | 10      |       |     |  |
| Chester (Bishop)                | 1001.3           | -2                | SSW    | 4     | cl       | 64        | 75          | 8                | 1500   | Sc     | 9      | -      | 9                | 997.4             | -5                              | S    | 3        | cl        | 61          | 85               | 8      | 1500   | Sc      | 10    | -   | 10      |       |     |  |
| Spurn Head                      | 1001.4           | +1                | W      | 5     | cl       | 64        | 75          | 7                | 4000   | Cu     | 4      | Ac     | 8                | 999.6             | -2                              | SW   | 4        | cl        | 61          | 85               | 7      | 4000   | Nb      | 3     | Ac  | 10      |       |     |  |
| Birmingham (Edgbaston)          | 1003.6           | -1                | SW     | 4     | cl       | 58        | 85          | 6                | 4000   | Cu     | 10     | -      | 10               | 1000.2            | -4                              | S    | 4        | cl        | 58          | 85               | 7      | 4000   | Sc      | 7     | -   | 7       |       |     |  |
| Nottingham                      | 1002.7           | 0                 | W      | 4     | cl       | 62        | 85          | 7                | 1500   | Nb     | 10     | -      | 10               | 1000.0            | -1                              | SW   | 4        | cl        | 59          | 92               | 7      | 1500   | Nb      | 10    | -   | 10      |       |     |  |
| Cardiff                         | 1002.4           | 0                 | W      | 3     | cl       | 64        | 65          | 8                | 2500   | Sc     | 7      | Ac     | 10               | 1000.8            | -3                              | SW   | 4        | cl        | 60          | 85               | 8      | 2500   | Nb      | 9     | Ac  | 10      |       |     |  |
| Glasgow                         | 1003.6           | +1                | W      | 4     | cl       | 68        | 65          | 7                | 4000   | Nb     | 4      | Ac     | 10               | 1002.8            | 0                               | SW   | 2        | cl        | 67          | 65               | 6      | 4000   | Nb      | 10    | -   | 10      |       |     |  |
| Valencia (Cahirelveen)          | 998.1            | -5                | SW     | 5     | cl       | 62        | 75          | 8                | 1500   | Sc     | 6      | Ac     | 7                | 998.3             | +2                              | W'S  | 5        | cl        | 60          | 75               | 8      | 1500   | Sc      | 3     | -   | 3       |       |     |  |
| Rochester                       | 998.8            | -8                | S      | 3     | cl       | 62        | 97          | 7                | 800    | St     | 10     | -      | 10               | 997.2             | 0                               | WSW  | 5        | cl        | 61          | 85               | 8      | 4000   | Cu      | 5     | -   | 5       |       |     |  |
| Falmouth (St. Ann's H.)         | 1004.0           | -2                | SW     | 4     | cl       | 59        | 85          | 8                | 4000   | Sc     | 9      | -      | 9                | 998.9             | -6                              | SW   | 7        | cl        | 59          | 92               | 7      | 2500   | Nb      | 8     | -   | 8       |       |     |  |
| Ross-on-Wye                     | 1004.1           | -2                | SW     | 4     | cl       | 62        | 75          | 8                | 2500   | Sc     | 9      | Ac     | 10               | 1000.9            | -5                              | SW   | 4        | cl        | 60          | 85               | 6      | 2500   | Nb      | 9     | Ac  | 10      |       |     |  |
| Bombay                          | 1004.0           | -2                | WSW    | 4     | cl       | 69        | 65          | 8                | -      | Sc     | 10     | -      | 10               | 1002.9            | -3                              | SW   | 4        | cl        | 62          | 85               | 8      | -      | Sc      | 10    | -   | 10      |       |     |  |
| Andover                         | 1005.9           | -1                | WSW    | 3     | cl       | 62        | 85          | 8                | 1500   | Sc     | 10     | -      | 10               | 1003.6            | -2                              | SW   | 5        | cl        | 60          | 85               | 7      | 1500   | Nb      | 6     | Ac  | 10      |       |     |  |
| S. Farnborough                  | 1005.4           | -2                | WSW    | 4     | cl       | 71        | 55          | 8                | 2500   | Sc     | 8      | Ac     | 9                | 1003.9            | -2                              | SW   | 5        | cl        | 61          | 75               | 8      | 1500   | Cu      | 9     | Ac  | 10      |       |     |  |
| London (Kew Obs.)               | 1005.2           | -1                | SW     | 4     | cl       | 70        | 55          | 8                | 4000   | Cu     | 4      | Ac     | 9                | 1003.4            | -4                              | SW   | 4        | cl        | 65          | 65               | 8      | 2500   | Sc      | 10    | -   | 10      |       |     |  |
| Croydon                         | 1005.6           | -1                | WS     | 4     | cl       | 69        | 55          | 8                | 4000   | Cu     | 5      | Ac     | 9                | 1004.2            | -3                              | SW   | 4        | cl        | 62          | 75               | 8      | 1500   | Sc      | 8     | Ac  | 10      |       |     |  |
| Glasgow-on-Sea                  | 1004.9           | 0                 | SW     | 2     | cl       | 69        | 55          | 8                | 4000   | Cu     | 4      | Ac     | 8                | 1004.1            | 0                               | SW   | 5        | cl        | 65          | 75               | 7      | 4000   | Cu      | 10    | -   | 10      |       |     |  |
| Grain                           | 1005.5           | 0                 | WSW    | 5     | cl       | 69        | 45          | 8                | 2500   | Cu     | 4      | Ac     | 10               | 1003.9            | -1                              | SW   | 3        | cl        | 64          | 75               | 7      | 4000   | Cu      | 3     | Ac  | 6       |       |     |  |
| Lymington                       | 1005.2           | +1                | SW     | 5     | cl       | 66        | 65          | 8                | 1500   | Sc     | 10     | -      | 10               | 1004.5            | 0                               | SW   | 5        | cl        | 64          | 75               | 8      | 2500   | Cu      | 2     | Ac  | 8       |       |     |  |
| Bally (St. Mary's)              | 1006.1           | -3                | WSW    | 4     | cl       | 60        | 85          | 7                | 4000   | Sc     | 10     | -      | 10               | 1003.7            | -1                              | WSW  | 5        | cl        | 60          | 85               | 8      | 2500   | Sc      | 7     | Ac  | 9       |       |     |  |
| Falmouth (Pendennis)            | 1007.4           | -1                | WS     | 5     | cl       | 61        | 85          | 7                | 1500   | Nb     | 10     | -      | 10               | 1003.6            | -4                              | W    | 3        | cl        | 61          | 85               | 7      | 1500   | Cu      | 10    | -   | 10      |       |     |  |
| Plymouth (Cattewater)           | 1007.0           | -1                | SW     | 4     | cl       | 61        | 92          | 7                | 1500   | Sc     | 10     | -      | 10               | 1002.2            | -5                              | WSW  | 7        | cl        | 61          | 85               | 7      | 1500   | Nb      | 10    | -   | 10      |       |     |  |
| Portland Bill                   | 1006.6           | 0                 | SW     | 5     | cl       | 61        | 92          | 7                | 1500   | Sc     | 10     | -      | 10               | 1003.1            | -4                              | SSW  | 5        | cl        | 60          | 92               | 7      | 800    | Nb      | 3     | Ac  | 10      |       |     |  |
| Southampton (Calshot)           | 1006.7           | -1                | SW     | 6     | cl       | 63        | 75          | 8                | 4000   | Sc     | 10     | -      | 10               | 1005.2            | -4                              | SW   | 5        | cl        | 60          | 92               | 7      | 1500   | Sc      | 10    | -   | 10      |       |     |  |
| Dungeness                       | 1006.6           | +2                | WSW    | 6     | cl       | 66        | 65          | 8                | 4000   | Sc     | 9      | -      | 9                | 1004.7            | -4                              | SW   | 5        | cl        | 61          | 85               | 7      | 1500   | Sc      | 3     | Ac  | 10      |       |     |  |
| Jersey                          | 1009.6           | 0                 | WSW    | 4     | cl       | 65        | 75          | 8                | 4000   | Sc     | 10     | -      | 10               | 1006.0            | 0                               | SW   | 6        | cl        | 61          | 92               | 7      | -      | Sc      | 10    | -   | 10      |       |     |  |
| Guernsey                        | 1005.5           | -2                | W      | 3     | cl       | 63        | 85          | 7                | 4000   | Cu     | 1      | Ac     | 10               | 1007.4            | -1                              | WSW  | 4        | cl        | 62          | 85               | 8      | 4000   | Sc      | 10    | -   | 10      |       |     |  |
|                                 |                  |                   |        |       |          |           |             |                  |        |        |        |        |                  | 1008.4            | -3                              | SW   | 5        | cl        | 59          | 97               | 7      | 5700   | Nb      | 3     | Ac  | 10      |       |     |  |

| LONDON OBSERVATIONS.           |             |        |              |          |                    |            |     |               |              | BEAUFORT NOTATION OF WEATHER.                 |                  |  |  |                                     |              |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                               | THE BEAUFORT SCALE OF WIND. |  |  |  |  |  |  |  |  |  |
|--------------------------------|-------------|--------|--------------|----------|--------------------|------------|-----|---------------|--------------|-----------------------------------------------|------------------|--|--|-------------------------------------|--------------|--|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--|--|--|--|--|--|--|--|--|
| WEATHER.                       |             |        | TEMPERATURE. |          |                    | RAIN-FALL. |     | HUMIDITY.     |              | ATMOSPHERIC POLLUTION.                        |                  |  |  | POLE STAR RECORD at Greenwich Obsy. |              |  |  | CODE FOR STATE OF GROUND.                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                               |                             |  |  |  |  |  |  |  |  |  |
| Morn-ing.                      | After-noon. | Night. | Max. °F.     | Min. °F. | Min. on Grass. °F. | mm.        | in. | 16h. G.M.T. % | 8h. G.M.T. % | Milligrams of Solid Impurity per cubic metre. |                  |  |  | Exposure from 30" to 21" 100 m.     |              |  |  | 0=Dry ground. 1=Wet ground. 2=Soft (muddy) wet ground. 3=Bare ground frozen (but less than 2 ins. deep). 4=Ice ground frozen (but more than 2 ins. deep). 5=Dew (on wet grass but not wet ground). 6=Skating to-day in 1500 and 1800 reports (How frost in 0100 and 0700 reports). 7=Snow (thin layer, often not continuous). 8=Snow (deep, impeding traffic, usually a continuous layer). 9=Gleazed roads (ice on roads from frozen rain or melted snow). |                                                                                                                                               |                             |  |  |  |  |  |  |  |  |  |
| 24 HOURS ENDED 0000 G.M.T. 30H |             |        |              |          |                    |            |     |               |              | YESTERDAY. TO-DAY.                            |                  |  |  |                                     |              |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                               | Stars. Expo-sure. Record.   |  |  |  |  |  |  |  |  |  |
| Kew                            | 0           | 0      | 74           | 55       | 49                 | -          | 2   | 5.5           | 67           | 71                                            | South Kensington |  |  |                                     | 6 00 3 40 30 |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 1-3 4-7 8-12 13-16 17-20 21-24 25-31 32-36 37-40 41-44 45-48 49-52 53-56 57-60 61-64 65-68 69-72 73-76 77-80 81-84 85-88 89-92 93-96 97-100 |                             |  |  |  |  |  |  |  |  |  |
| Croydon                        | 0           | 0      | 74           | 55       | 49                 | -          | 2   | 5.5           | 67           | 71                                            | Kew Observatory  |  |  |                                     | 6 00 3 40 30 |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 1-3 4-7 8-12 13-16 17-20 21-24 25-31 32-36 37-40 41-44 45-48 49-52 53-56 57-60 61-64 65-68 69-72 73-76 77-80 81-84 85-88 89-92 93-96 97-100 |                             |  |  |  |  |  |  |  |  |  |
| Greenwich (Royal Obsy.)        | 0           | 0      | 74           | 55       | 49                 | -          | 2   | 5.5           | 67           | 71                                            | Kew Observatory  |  |  |                                     | 6 00 3 40 30 |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 1-3 4-7 8-12 13-16 17-20 21-24 25-31 32-36 37-40 41-44 45-48 49-52 53-56 57-60 61-64 65-68 69-72 73-76 77-80 81-84 85-88 89-92 93-96 97-100 |                             |  |  |  |  |  |  |  |  |  |
| City (Bunhill Row)             | 0           | 0      | 74           | 55       | 49                 | -          | 2   | 5.5           | 67           | 71                                            | Kew Observatory  |  |  |                                     | 6 00 3 40 30 |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 1-3 4-7 8-12 13-16 17-20 21-24 25-31 32-36 37-40 41-44 45-48 49-52 53-56 57-60 61-64 65-68 69-72 73-76 77-80 81-84 85-88 89-92 93-96 97-100 |                             |  |  |  |  |  |  |  |  |  |
| Westminster (St. James' Pk.)   | 0           | 0      | 74           | 55       | 49                 | -          | 2   | 5.5           | 67           | 71                                            | Kew Observatory  |  |  |                                     | 6 00 3 40 30 |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 1-3 4-7 8-12 13-16 17-20 21-24 25-31 32-36 37-40 41-44 45-48 49-52 53-56 57-60 61-64 65-68 69-72 73-76 77-80 81-84 85-88 89-92 93-96 97-100 |                             |  |  |  |  |  |  |  |  |  |
| Regent's Pk. (Botanic Gdns.)   | 0           | 0      | 74           | 55       | 49                 | -          | 2   | 5.5           | 67           | 71                                            | Kew Observatory  |  |  |                                     | 6 00 3 40 30 |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 1-3 4-7 8-12 13-16 17-20 21-24 25-31 32-36 37-40 41-44 45-48 49-52 53-56 57-60 61-64 65-68 69-72 73-76 77-80 81-84 85-88 89-92 93-96 97-100 |                             |  |  |  |  |  |  |  |  |  |
| Camden Square                  | 0           | 0      | 74           | 55       | 49                 | -          | 2   | 5.5           | 67           | 71                                            | Kew Observatory  |  |  |                                     | 6 00 3 40 30 |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 1-3 4-7 8-12 13-16 17-20 21-24 25-31 32-36 37-40 41-44 45-48 49-52 53-56 57-60 61-64 65-68 69-72 73-76 77-80 81-84 85-88 89-92 93-96 97-100 |                             |  |  |  |  |  |  |  |  |  |
| Kensington Palace              | 0           | 0      | 74           | 55       | 49                 | -          | 2   | 5.5           | 67           | 71                                            | Kew Observatory  |  |  |                                     | 6 00 3 40 30 |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 1-3 4-7 8-12 13-16 17-20 21-24 25-31 32-36 37-40 41-44 45-48 49-52 53-56 57-60 61-64 65-68 69-72 73-76 77-80 81-84 85-88 89-92 93-96 97-100 |                             |  |  |  |  |  |  |  |  |  |
| Hampton Observatory            | 0           | 0      | 74           | 55       | 49                 | -          | 2   | 5.5           | 67           | 71                                            | Kew Observatory  |  |  |                                     | 6 00 3 40 30 |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 1-3 4-7 8-12 13-16 17-20 21-24 25-31 32-36 37-40 41-44 45-48 49-52 53-56 57-60 61-64 65-68 69-72 73-76 77-80 81-84 85-88 89-92 93-96 97-100 |                             |  |  |  |  |  |  |  |  |  |

| TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. |  |  |          |  |  |       |  |  |         | BEAUFORT NOTATION OF WEATHER. |  |                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  | THE BEAUFORT SCALE OF WIND.                                                                                                                       |  |  |  |                                                                                 |  |  |  |               |  |  |  |
|----------------------------------------------------------------------------------------------------|--|--|----------|--|--|-------|--|--|---------|-------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|---------------------------------------------------------------------------------|--|--|--|---------------|--|--|--|
| STATIONS.                                                                                          |  |  | Sunrise. |  |  | Noon. |  |  | Sunset. |                               |  | b blue sky (not more than a quarter covered). bc sky rarely cloudy (one half covered). c generally cloudy (three-quarters covered). d drizzle. h hail. EQ line equal. i lightning. o overcast sky. m mist, visibility 1000-10000 m. fog. less than 200 m. p precipitation within sight of station. r passing showers. s rain. snow. ss sleet. t thunder. u unusual visibility. y dry air. z dust haze: the torrid atmosphere of dry weather. |  |  |  | With present weather is combined, whenever possible, the general character of the weather. "A" "solidus" divides actual existing weather from preceding conditions, thus: bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; hr = "hail" or "rain and hail". Capital letters indicate intensity, suffix o indicates slight and repetition of letters continuity, thus: R = heavy rain. rr = continuous moderate rain. rrr = continuous light rain. |  |  |  | 0=no swell 1=mod. swell 2=heavy swell 3=no swell 4=mod. swell 5=heavy swell 6=rather rough sea. 7=rough sea. 8=very rough sea. 9=mountainous sea. |  |  |  | 0=Calm or slight 1=mod. 2=mod. 3=mod. 4=mod. 5=mod. 6=mod. 7=mod. 8=mod. 9=mod. |  |  |  | 0=Less than 1 |  |  |  |

For explanation see introduction.

\* Information for these columns not usually received.

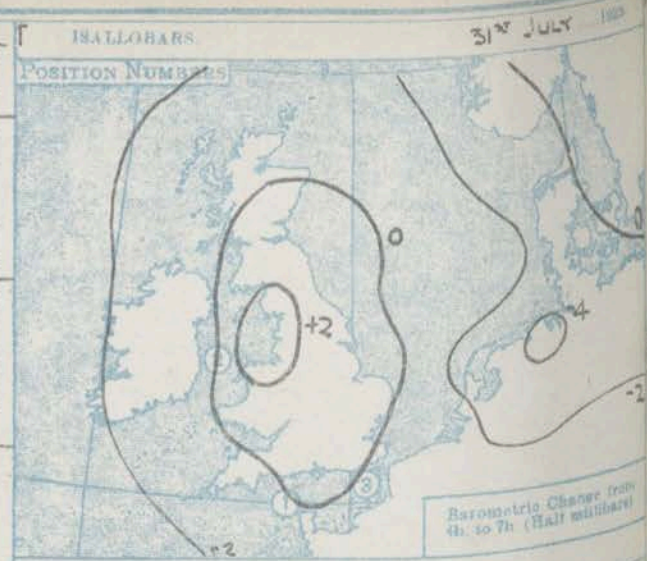
† The barometric change is expressed in half millibars.

‡ For code see

W.C.2



| STATIONS.                   | WEATHER.          |                    |                        |                   | TEMPERATURE.            |                           |                     | RAINFALL.              |                          |                         |                         | SUN.<br>30th<br>Hours. |
|-----------------------------|-------------------|--------------------|------------------------|-------------------|-------------------------|---------------------------|---------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|
|                             | 7h-15h.<br>30th   | 15h-18h.<br>30th   | 18h-30th<br>to 1h 31st | 1h-7h.<br>31st    | MAX.<br>Day.<br>7h-18h. | MIN.<br>Night.<br>18h-7h. | MIN.<br>on<br>GRASS | Day.<br>7h-18h.<br>mm. | Night.<br>18h-7h.<br>mm. | Precipitation<br>began. | Precipitation<br>ended. |                        |
| Lerwick ...                 | b <sup>h</sup> bc | bc                 | bc                     | bc                | 53                      | 47                        | .                   | -                      | -                        | -                       | -                       | 2.0                    |
| Stornoway ...               | c                 | c                  | c                      | oo                | 59                      | 48                        | .                   | -                      | -                        | -                       | -                       | 3.9                    |
| Wick ...                    | ombff             | FFe                | FFe                    | ffmmc             | 57                      | 50                        | .                   | 0.1                    | Trace                    | -                       | -                       | .                      |
| Castlebay ...               | cpmoe             | c                  | cbe                    | bc                | 59                      | 50                        | .                   | Trace                  | -                        | -                       | -                       | 7.2                    |
| Nairn ...                   | bccp              | iRem               | dmo                    | pm                | 62                      | 51                        | .                   | 6                      | 0.6                      | 1100                    | 22.00                   | 4.1                    |
| Aberdeen ...                | goc               | boppo              | oco                    | oprc              | 63                      | 51                        | 4.2                 | 1                      | 0.6                      | 10800                   | 02.30                   | 2.4                    |
| Malin Head ...              | cofcv             | orr                | mbov                   | coir              | 59                      | 52                        | .                   | 7                      | 2                        | 0900                    | 02.00                   | 2.0                    |
| Renfrew ...                 | bbecc             | opru               | oprr                   | orrm              | 65                      | 52                        | 5.2                 | 3                      | 3                        | 1630                    | 02.00                   | 6.7                    |
| Edinburgh (Inchkeith) ...   | c                 | p                  | orr                    | ir                | 63                      | 52                        | 5.0                 | 0.6                    | 4                        | 1430                    | 22.00                   | 5.3                    |
| Leuchars ...                | cpr               | colro              | oo                     | oirr              | 68                      | 52                        | 4.4                 | 2                      | 2                        | 1230                    | 02.30                   | 5.1                    |
| Eekdalemuir ...             | opop              | opao               | opam                   | oramo             | 60                      | 50                        | 4.9                 | 1                      | 13                       | 1100                    | 02.00                   | 6.0                    |
| Tynemouth ...               | m                 | or                 | orr                    | orrm              | 67                      | 53                        | 5.0                 | 0.1                    | 11                       | 1430                    | 02.00                   | .                      |
| Blackad Point ...           | oo                | p                  | c                      | b <sup>h</sup> kc | 61                      | 49                        | .                   | 5                      | nil                      | -                       | -                       | .                      |
| Dougladree ...              | ir                | ur                 | omr                    | c                 | 61                      | 52                        | .                   | 15                     | 10                       | 0900                    | 02.00                   | .                      |
| Birr Castle ...             | coir              | cpr                | co                     | co                | 64                      | 50                        | 4.5                 | 10                     | -                        | 10800                   | -                       | 2.2                    |
| Holyhead ...                | oco               | oprc               | airr                   | bcco              | 61                      | 53                        | 5.2                 | 1                      | 0.2                      | 1330                    | 02.00                   | 4.5                    |
| Liverpool (Bidston) ...     | opoc              | p                  | c                      | p                 | 64                      | 54                        | 5.2                 | 1                      | 6                        | 10800                   | 02.00                   | 2.6                    |
| Chester (Shotwick) ...      | oprc              | oprc               | oprc                   | oco               | 68                      | 56                        | 5.1                 | 0.4                    | 6                        | 1100                    | 02.00                   | 2.0                    |
| Spurn Head ...              | c                 | c                  | opbc                   | c                 | 67                      | 55                        | .                   | Trace                  | 0.6                      | 10800                   | 02.00                   | 6.0                    |
| Birmingham (Edgbaston) ...  | oro               | p                  | oprc                   | co                | 64                      | 53                        | 4.9                 | 2                      | 3                        | 0900                    | 02.00                   | 3.1                    |
| Nottingham ...              | o                 | cpr                | orc                    | c                 | 67                      | 55                        | 5.0                 | 2                      | 4                        | 1100                    | 02.00                   | 1.6                    |
| Oranwell ...                | o                 | b <sup>h</sup> cor | orbc                   | c                 | 66                      | 54                        | 5.0                 | 0.2                    | 2                        | 1730                    | 02.00                   | 5.5                    |
| Gorleston ...               | c                 | cpr                | r-d                    | ortco             | 70                      | 56                        | 5.3                 | Trace                  | 1                        | 1530                    | 02.00                   | 5.6                    |
| Valencia (Cahiroveon) ...   | opco              | ocbeb              | op                     | opc               | 64                      | 52                        | 4.9                 | 5                      | 9                        | 0900                    | 02.00                   | 6.1                    |
| Roches Point ...            | ad                | rrobc              | b <sup>h</sup> bc      | b <sup>h</sup> bc | 64                      | 51                        | .                   | 5                      | Trace                    | 1100                    | -                       | .                      |
| Pembroke (St. Ann's H.) ... | c                 | cpr                | b <sup>h</sup> bc      | b <sup>h</sup> bc | 60                      | 55                        | .                   | 2                      | -                        | 1330                    | -                       | 2.0                    |
| Ross-on-Wye ...             | compo             | oprc               | oprc                   | b <sup>h</sup> bc | 65                      | 55                        | 5.1                 | 0.5                    | 3                        | 1100                    | 02.00                   | 2.4                    |
| Benson ...                  | co                | oro                | oro                    | oro               | 70                      | 55                        | 5.0                 | 0.2                    | 3                        | 1530                    | 02.00                   | .                      |
| Andover ...                 | cotr              | oprc               | oprc                   | oprc              | 69                      | 53                        | 4.9                 | 0.4                    | 3                        | 1230                    | 02.00                   | 2.0                    |
| S. Farnborough ...          | coco              | prur               | oprc                   | oprc              | 71                      | 54                        | 5.2                 | 3                      | 3                        | 1330                    | 24.00                   | 4.0                    |
| London (Kew Obs.) ...       | cov               | oprc               | oprc                   | oprc              | 70                      | 57                        | 5.2                 | 0.6                    | 5                        | 1430                    | 02.00                   | 5.3                    |
| Groydon ...                 | ocv               | oprc               | oprc                   | oprc              | 70                      | 55                        | 5.1                 | 0.6                    | 2                        | 1430                    | 02.00                   | 6.3                    |
| Clacton-on-Sea ...          | oprc              | oprc               | oprc                   | oprc              | 70                      | 57                        | 5.4                 | 0.1                    | 1                        | 1630                    | 02.30                   | 6.1                    |
| Shoeburyness ...            | b <sup>h</sup> bc | oprc               | oprc                   | oprc              | 72                      | 56                        | 5.3                 | 0.1                    | 3                        | 1430                    | 22.00                   | 6.5                    |
| Grain ...                   | oprc              | oprc               | oprc                   | oprc              | 72                      | 57                        | 5.0                 | -                      | 0.3                      | -                       | 24.00                   | 7.4                    |
| Lympne ...                  | oprc              | oprc               | oprc                   | oprc              | 69                      | 55                        | 5.3                 | -                      | 2                        | -                       | 24.00                   | 5.3                    |
| St. Mary's ...              | oprc              | oprc               | oprc                   | oprc              | 63                      | 56                        | .                   | 0.3                    | 0.1                      | 10800                   | 02.00                   | 1.2                    |
| Plymouth (Pendennis) ...    | oprc              | oprc               | oprc                   | oprc              | 63                      | 56                        | .                   | 0.5                    | 1                        | 1230                    | 02.30                   | 2.6                    |
| Plymouth (Cattewater) ...   | oprc              | oprc               | oprc                   | oprc              | 63                      | 57                        | 5.2                 | 0.3                    | 2                        | 1330                    | 02.00                   | 3.1                    |
| Portland Bill ...           | c                 | oprc               | oprc                   | oprc              | 62                      | 58                        | .                   | Trace                  | 0.2                      | 1530                    | 02.00                   | 4.3                    |
| Southampton (Calshot) ...   | oprc              | oprc               | oprc                   | oprc              | 65                      | 58                        | 5.6                 | Trace                  | 1                        | 1530                    | 02.00                   | 4.3                    |
| Dungeness ...               | oprc              | oprc               | oprc                   | oprc              | 62                      | 58                        | .                   | -                      | 5                        | -                       | 24.00                   | .                      |
| Jersey ...                  | oprc              | oprc               | oprc                   | oprc              | 66                      | 58                        | .                   | 2                      | -                        | 1530                    | -                       | 2.2                    |
| Guernsey ...                | c                 | oprc               | oprc                   | oprc              | 64                      | 58                        | .                   | 0.3                    | 0.2                      | 1330                    | 22.00                   | .                      |



| Observations from Cross Channel Steamers |                       |           |        |       |         |       |     |            |
|------------------------------------------|-----------------------|-----------|--------|-------|---------|-------|-----|------------|
| Position                                 | Date and Time         | Steamship | Wind   |       | Weather | Temp. |     | Visibility |
|                                          |                       |           | Dirac. | Force |         | Air   | Sea |            |
| 2                                        | 30 <sup>th</sup> 1000 | "Anglia"  | SW     | 4     | oe      | 57    | 54  | 7          |
| 1                                        | 30 <sup>th</sup> 1200 | "Ilex"    | SW     | 4     | o+      | 60    | 59  | 6          |
| 3                                        | 31 <sup>st</sup> 0200 | "Dieppe"  | W      | 5     | o       | 60    | 60  | 5          |

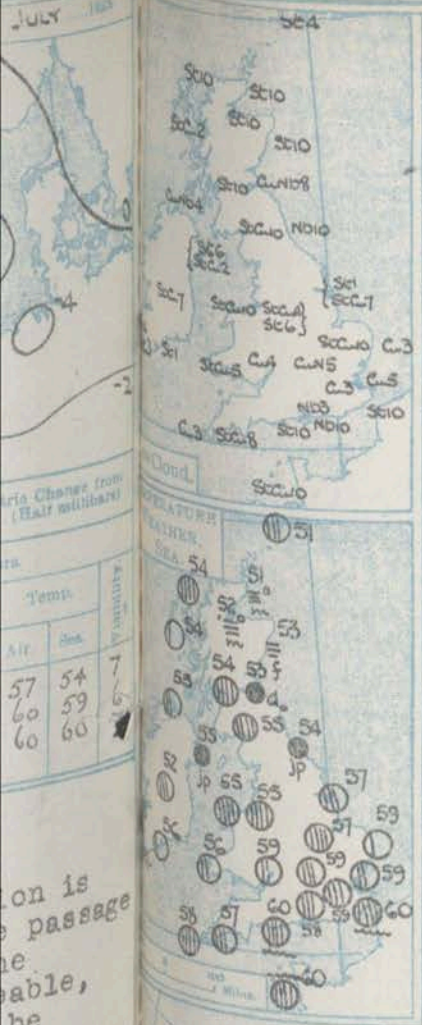
## GENERAL INFERENCE.

The general situation is still favourable for the passage of depressions across the Kingdom and cool, changeable, unsettled, weather will be maintained.

| Districts.                | Forecasts for the 24 hours commencing 15h G.M.T. Tuesday, 31st July, 1923.                                                        | Further Outlook.         |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 1. S.E. England           | Wind westerly, fresh, strong in places; changeable, bright periods, some rain or showers, perhaps thunder; visibility good; cool. | Cool and unsettled.      |
| 2. E. England             |                                                                                                                                   |                          |
| 3. E. Midlands            |                                                                                                                                   |                          |
| 4. W. Midlands            |                                                                                                                                   |                          |
| 5. S.W. England           |                                                                                                                                   |                          |
| 6. South Wales            |                                                                                                                                   |                          |
| 7. North Wales            | Wind westerly, moderate; changeable, bright periods, some rain or showers, perhaps thunder; visibility good; cool.                | South Cone still flying. |
| 8. N.W. England           |                                                                                                                                   |                          |
| 9. N. Midlands            |                                                                                                                                   |                          |
| 10. N.E. England          | Wind variable, light; variable cloud, showers, perhaps thunder; visibility good apart from local coastal fog; cool.               |                          |
| 11. E. Scotland           |                                                                                                                                   |                          |
| 12. S.W. Scotland         | Wind variable, light; variable cloud, showers, perhaps thunder; visibility good; cool.                                            |                          |
| 13. Isle of Man           |                                                                                                                                   |                          |
| 14. N. & N.W. Scotland    | As 7 to 10.                                                                                                                       |                          |
| 15. Hebrides              |                                                                                                                                   |                          |
| 16. Orkneys and Shetlands | As 1 to 6.                                                                                                                        |                          |
| 17. N.W. Ireland          |                                                                                                                                   |                          |
| 18. N.E. Ireland          |                                                                                                                                   |                          |
| 19. S.E. Ireland          |                                                                                                                                   |                          |
| 20. S.W. Ireland          |                                                                                                                                   |                          |



SYNOPTIC CHART FOR 7h. TUESDAY, 31<sup>ST</sup> JULY, 1923.



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

Outlook.

ed.

one  
ging.

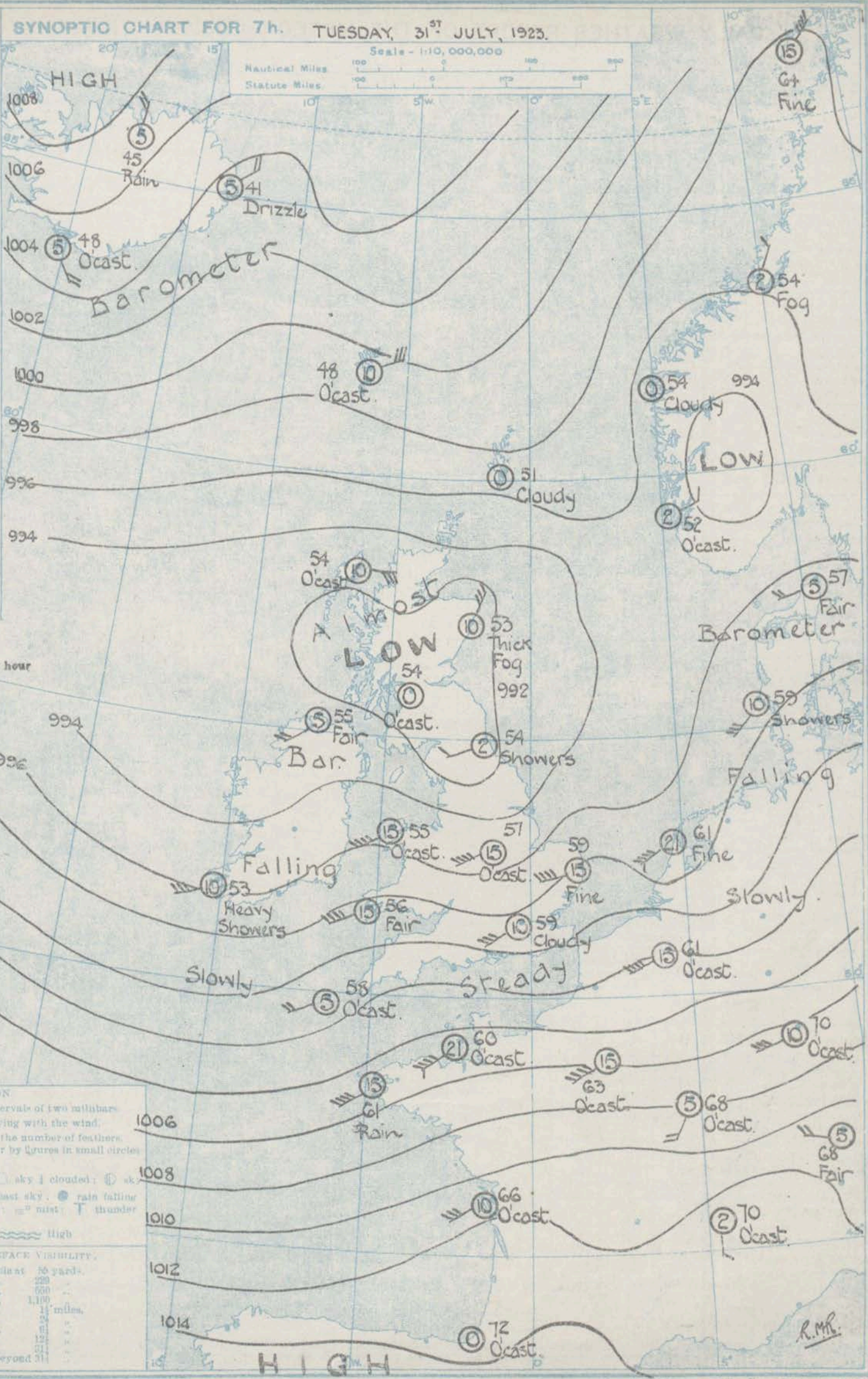
EXPLANATION

Isobars are drawn for intervals of two millibars.  
Direction is shown by arrows lying with the wind.  
The scale 0-12 is indicated by the number of feathers.  
Speed is shown in miles per hour by figures in small circles.  
Temperature is given in °F.

SYMBOLS  
☉ clear sky, ☁ sky & clouded, ☂ sky & rain falling  
☂ sky & rain falling, ☂ overcast sky, ☂ rain falling  
☂ rain falling, ☂ hail, ☂ fog, ☂ mist, ☂ thunder  
☂ Rough, ☂ High

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

| Visibility                                  | Code |
|---------------------------------------------|------|
| Dense fog. Objects not visible at 20 yards. | 000  |
| Very bad                                    | 000  |
| Bad                                         | 000  |
| Very poor                                   | 000  |
| Poor                                        | 000  |
| Moderate                                    | 000  |
| Good                                        | 000  |
| Very good                                   | 000  |
| Excellent                                   | 000  |



R.M.R.



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION Tuesday, 31<sup>st</sup> July 1923.

No. 212.

| STATIONS.                   | Height above M.S.L. in feet. | Observations at 0100 G.M.T. 31 <sup>st</sup> |                    |        |        |          |           |              |                  |              |       | Observations at 0700 G.M.T. 31 <sup>st</sup> |                  |                  |                    |        |        |          |           |              |                  |              |       |            |             |                  |       |       |
|-----------------------------|------------------------------|----------------------------------------------|--------------------|--------|--------|----------|-----------|--------------|------------------|--------------|-------|----------------------------------------------|------------------|------------------|--------------------|--------|--------|----------|-----------|--------------|------------------|--------------|-------|------------|-------------|------------------|-------|-------|
|                             |                              | Barom. at M.S.L.                             | Change in 3 Hours. | Wind.  |        | Weather. | Temp. °F. | Humidity. %. | Visibility. 1/2. | Cloud.       |       |                                              |                  | Barom. at M.S.L. | Change in 3 Hours. | Wind.  |        | Weather. | Temp. °F. | Humidity. %. | Visibility. 1/2. | Cloud.       |       |            |             |                  |       |       |
|                             |                              |                                              |                    | Direc. | Force. |          |           |              |                  | Height Feet. | Form. | Amt. 0-10.                                   | Total Amt. 0-10. |                  |                    | Direc. | Force. |          |           |              |                  | Height Feet. | Form. | Amt. 0-10. | Upper Form. | Total Amt. 0-10. |       |       |
|                             |                              |                                              |                    |        |        |          |           |              |                  |              |       |                                              |                  |                  |                    |        |        |          |           |              |                  |              |       |            |             |                  | 0-12. | 0-10. |
| Lerwick ...                 | 54                           | 999.5                                        | -1                 | -      | 0      | C        | 49        | 92           | 8                | 7200         | Str   | 6                                            | Alc              | 8                | 997.5              | -2     | -      | 0        | C         | 51           | 92               | 7            | 2500  | Str        | 4           | Alc              | 8     | 0     |
| Stornoway ...               | 51                           | 994.1                                        | -2                 | -      | 0      | bc       | 52        | 97           | 5                | 1150         | St    | 10                                           | -                | 10               | 992.0              | 0      | E      | 3        | 0         | 54           | 85               | 7            | 800   | St         | 10          | -                | 10    | 0     |
| Wick ...                    | 81                           | 993.9                                        | -2                 | NE     | 1      | FFo      | 52        | 97           | 1                | -            | -     | -                                            | -                | -                | 993.1              | 0      | ENE    | 1        | mm        | 51           | 97               | 4            | 225   | St         | 10          | -                | 3     | 0     |
| Castlebay ...               | 37                           | .                                            | .                  | .      | .      | .        | .         | .            | .                | .            | .     | .                                            | .                | .                | 991.9              | 0      | WNW    | 1        | b+        | 54           | 92               | 8            | 2500  | Str        | 2           | AST              | 10    | 0     |
| Kairn ...                   | 82                           | .                                            | .                  | .      | .      | .        | .         | .            | .                | .            | .     | .                                            | .                | .                | 992.0              | .      | E      | 1        | FFo       | 52           | 97               | 6            | 1500  | St         | 10          | -                | 10    | 0     |
| Aberdeen ...                | 46                           | .                                            | .                  | .      | .      | .        | .         | .            | .                | .            | .     | .                                            | .                | .                | 991.8              | 0      | MNE    | 3        | FFo       | 53           | 97               | 1            | 1150  | St         | 10          | -                | 10    | 0     |
| Main Head ...               | 71                           | 992.5                                        | 0                  | NW     | 2      | C        | 54        | 97           | 8                | 5700         | CuNb  | 3                                            | Alc              | 8                | 992.4              | 0      | SW     | 2        | b/r       | 55           | 97               | 8            | 4000  | CuNb       | 4           | Cu               | 6     | 0     |
| Renfrew ...                 | 49                           | .                                            | .                  | .      | .      | .        | .         | .            | .                | .            | .     | .                                            | .                | .                | 991.9              | 0      | -      | 0        | 0/r       | 54           | 97               | 6            | 4000  | St         | 10          | -                | 9     | 1     |
| Edinburgh (Inchkeith) ...   | 190                          | 991.5                                        | -3                 | ESE    | 3      | org      | 54        | 97           | 8                | -            | CuNb  | 4                                            | AST              | 10               | 991.3              | +1     | N      | 1        | 0/r       | 53           | 97               | 7            | -     | CuNb       | 8           | AST              | 10    | 1     |
| Leuchars ...                | 38                           | .                                            | .                  | .      | .      | .        | .         | .            | .                | .            | .     | .                                            | .                | .                | 990.6              | +1     | -      | 0        | 0/r       | 54           | 92               | 7            | 800   | St         | 10          | -                | 10    | 1     |
| Bakdalemuir ...             | 794                          | .                                            | .                  | .      | .      | .        | .         | .            | .                | .            | .     | .                                            | .                | .                | 991.3              | +2     | W      | 2        | 0         | 55           | 85               | 6            | 1500  | Str        | 10          | -                | 10    | 0     |
| Tynemouth ...               | 118                          | 992.9                                        | -5                 | S      | 1      | c/r      | 55        | 92           | 6                | -            | -     | 0                                            | Cu               | 8                | 992.2              | 0      | WSW    | 1        | o/r       | 54           | 97               | 6            | 800   | Nb         | 10          | -                | 10    | 0     |
| Blackod Point ...           | 10                           | 996.2                                        | +1                 | NW     | 4      | bc       | 56        | 92           | 7                | -            | -     | -                                            | b.               | -                | 994.4              | -1     | W      | 3        | bc        | 56           | 85               | 8            | -     | -          | -           | 6                | 1     |       |
| Donaghadee ...              | 35                           | .                                            | .                  | .      | .      | .        | .         | .            | .                | .            | .     | .                                            | .                | .                | 994.0              | 0      | WSW    | 3        | C/r       | 55           | 92               | 8            | 800   | Str        | 8           | -                | 7     | 3     |
| Birr Castle ...             | 175                          | .                                            | .                  | .      | .      | .        | .         | .            | .                | .            | .     | .                                            | .                | .                | 994.8              | 0      | SW     | 1        | 0         | 52           | 97               | 7            | 4000  | Str        | 10          | -                | 10    | 6     |
| Holyhead ...                | 26                           | 994.2                                        | 0                  | SW     | 4      | b/r      | 55        | 92           | 8                | 2500         | Cu    | 2                                            | -                | 2                | 995.5              | +2     | SW     | 4        | 0         | 55           | 92               | 8            | 4000  | Str        | 10          | -                | 10    | 1     |
| Liverpool (Bidston) ...     | 189                          | .                                            | .                  | .      | .      | .        | .         | .            | .                | .            | .     | .                                            | .                | .                | 994.8              | +1     | SW     | 5        | 0/r       | 55           | 85               | 8            | 1500  | Cu         | 10          | -                | 9     | 1     |
| Chester (Shotwick) ...      | 16                           | .                                            | .                  | .      | .      | .        | .         | .            | .                | .            | .     | .                                            | .                | .                | 995.5              | +2     | WSW    | 3        | 0         | 57           | 85               | 8            | 800   | St         | 9           | -                | 8     | 3     |
| Spurn Head ...              | 26                           | 994.6                                        | -1                 | SSW    | 4      | b/r      | 57        | 97           | 7                | 4000         | Cu    | 2                                            | -                | 2                | 993.7              | 0      | WSW    | 5        | C+        | 57           | 85               | 7            | 1500  | Str        | 8           | -                | 4     | 1     |
| Birmingham (Edgbaston) ...  | 525                          | .                                            | .                  | .      | .      | .        | .         | .            | .                | .            | .     | .                                            | .                | .                | 997.4              | +1     | SW     | 4        | bc        | 56           | 85               | 8            | 1500  | St         | 4           | -                | 10    | 1     |
| Nottingham ...              | 82                           | .                                            | .                  | .      | .      | .        | .         | .            | .                | .            | .     | .                                            | .                | .                | 995.7              | 0      | WSW    | 4        | 0         | 57           | 85               | 6            | 2500  | Str        | 10          | -                | 10    | 1     |
| Cranwell ...                | 237                          | 998.2                                        | -6                 | SSW    | 4      | b/r      | 55        | 97           | 8                | -            | -     | 0                                            | -                | 0                | 996.0              | +1     | SW     | 4        | 0+        | 56           | 85               | 8            | 2500  | Str        | 10          | -                | 3     | 1     |
| Gorleston ...               | 13                           | 1000.0                                       | -2                 | SSW    | 4      | 0/r      | 60        | 97           | 6                | 4000         | Nb    | 10                                           | -                | 10               | 998.6              | 0      | WSW    | 4        | b+        | 59           | 85               | 7            | 4000  | Cu         | 3           | -                | 7     | 4     |
| Valencia (Cahisveen) ...    | 30                           | 999.0                                        | -1                 | WSW    | 3      | 0/r      | 56        | 97           | 8                | -            | St    | 9                                            | -                | 9                | 995.6              | -3     | SW     | 3        | CPR       | 53           | 85               | 8            | 1500  | St         | 7           | -                | 2     | 5     |
| Roche Point ...             | 32                           | .                                            | .                  | .      | .      | .        | .         | .            | .                | .            | .     | .                                            | .                | .                | 996.3              | -1     | WSW    | 1        | b         | 56           | 97               | 8            | 7200  | St         | 1           | -                | 5     | 1     |
| Pembroke (St. Ann's H.) ... | 149                          | 999.1                                        | 0                  | WSW    | 6      | bc       | 57        | 85           | 8                | 4000         | Cu    | 4                                            | -                | 4                | 999.0              | 0      | WSW    | 4        | bc        | 56           | 92               | 8            | 4000  | Str        | 5           | -                | 4     | 1     |
| Ross-on-Wye ...             | 223                          | .                                            | .                  | .      | .      | .        | .         | .            | .                | .            | .     | .                                            | .                | .                | 998.3              | +1     | WSW    | 3        | bc        | 59           | 75               | 8            | 4000  | Cu         | 4           | -                | 7     | 1     |
| Benson ...                  | 188                          | .                                            | .                  | .      | .      | .        | .         | .            | .                | .            | .     | .                                            | .                | .                | 999.0              | +1     | SW     | 5        | C/r       | 59           | 85               | 8            | -     | CuNb       | 5           | -                | 9     | 1     |
| Andover ...                 | 295                          | .                                            | .                  | .      | .      | .        | .         | .            | .                | .            | .     | .                                            | .                | .                | 1000.3             | 0      | WSW    | 4        | 0/r       | 58           | 85               | 8            | 1500  | Nb         | 7           | -                | 8     | 1     |
| B. Farnborough ...          | 230                          | .                                            | .                  | .      | .      | .        | .         | .            | .                | .            | .     | .                                            | .                | .                | 999.9              | 0      | SW     | 4        | C+        | 58           | 85               | 7            | 1500  | Nb         | 3           | -                | 7     | 1     |
| London (Kew Obs.) ...       | 18                           | .                                            | .                  | .      | .      | .        | .         | .            | .                | .            | .     | .                                            | .                | .                | 999.8              | +1     | SW     | 3        | C-        | 59           | 75               | 8            | 2500  | Cu         | 3           | -                | 7     | 1     |
| Oxford ...                  | 244                          | 1000.7                                       | -3                 | SW     | 3      | b/r      | 57        | 92           | 8                | 450          | St    | 1                                            | Cst              | 4                | 1000.6             | 0      | WSW    | 4        | C+        | 59           | 75               | 8            | 800   | St         | 5           | -                | 5     | 3     |
| Olveston-on-Sea ...         | 54                           | .                                            | .                  | .      | .      | .        | .         | .            | .                | .            | .     | .                                            | .                | .                | 999.7              | 0      | SW     | 4        | bc        | 59           | 85               | 7            | 2500  | Cu         | 5           | -                | 5     | 3     |
| Shoeburyness ...            | 11                           | .                                            | .                  | .      | .      | .        | .         | .            | .                | .            | .     | .                                            | .                | .                | 1000.3             | 0      | W      | 4        | b-        | 61           | 75               | 8            | 4000  | Cu         | 1           | -                | 3     | 3     |
| Grain ...                   | 20                           | .                                            | .                  | .      | .      | .        | .         | .            | .                | .            | .     | .                                            | .                | .                | 1000.2             | +1     | SW     | 5        | b         | 61           | 75               | 7            | 1500  | St         | 2           | -                | 9     | 1     |
| Lympne ...                  | 350                          | 1001.3                                       | -5                 | WSW    | 5      | 0/r      | 58        | 92           | 8                | 800          | Nb    | 10                                           | -                | 10               | 1001.3             | +1     | WSW    | 4        | 0+        | 58           | 92               | 7            | 800   | St         | 5           | -                | 9     | 4     |
| Scilly (St. Mary's) ...     | 131                          | 1004.3                                       | +1                 | W      | 5      | b-       | 58        | 85           | 8                | 4000         | Cu    | 2                                            | -                | 2                | 1000.1             | -2     | SW     | 2        | 0         | 58           | 92               | 8            | 4000  | Cu         | 3           | -                | 8     | 0     |
| Falmouth (Pannan) ...       | 200                          | 1003.0                                       | +1                 | W      | 2      | org      | 57        | 92           | 7                | 1500         | Nb    | 10                                           | -                | 10               | 1002.5             | -1     | WSW    | 3        | C+        | 57           | 92               | 7            | 4000  | Str        | 8           | -                | 10    | 6     |
| Plymouth (Cattewater) ...   | 82                           | .                                            | .                  | .      | .      | .        | .         | .            | .                | .            | .     | .                                            | .                | .                | 1001.3             | -1     | SW     | 4        | 0/r       | 58           | 85               | 7            | 1500  | St         | 6           | -                | 10    | 0     |
| Portland Bill ...           | 19                           | 1002.7                                       | -2                 | WSW    | 5      | b        | 59        | 92           | 6                | -            | -     | 0                                            | -                | 0                | 1001.5             | 0      | WSW    | 6        | 0+        | 60           | 75               | 6            | 1500  | St         | 10          | -                | 10    | 6     |
| Southampton (On. shot) ...  | 12                           | 1001.3                                       | -2                 | WSW    | 4      | b-       | 59        | 92           | 8                | 2500         | Cu    | 2                                            | -                | 2                | 1001.5             | 0      | WSW    | 4        | 0/r       | 60           | 85               | 7            | 1500  | Nb         | 10          | -                | 10    | 6     |
| Dunstable ...               | 21                           | 1001.3                                       | -5                 | SW     | 6      | 0/r      | 60        | 97           | 7                | 1500         | Nb    | 10                                           | -                | 10               | 1001.3             | 0      | SW     | 6        | 0         | 60           | 92               | 7            | -     | St         | 10          | -                | 10    | 6     |
| Jersey ...                  | 25                           | .                                            | .                  | .      | .      | .        | .         | .            | .                | .            | .     | .                                            | .                | .                | 1005.7             | 0      | SW     | 5        | 0         | 60           | 85               | 8            | 4000  | Str        | 10          | -                | 10    | 6     |
| Guernsey ...                | 1006.3                       | -1                                           | W                  | 5      | c/r    | 59       | 92        | 5            | 2500             | St           | 8     | -                                            | 8                | 1005.0           | -1                 | W      | 5      | mm       | 58        | 97           | 7                | 4000         | St    | 10         | -           | 10               | 6     |       |

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR July 31<sup>st</sup> 1923.

| STATIONS.            | WEATHER.  |            | TEMPERATURE. |           | RAINFALL†      |             | SUNSHINE.       |                | STATIONS.                | WEATHER.  |            | TEMPERATURE. |           | RAINFALL†      |             | Sunrise to 17h. 30 <sup>h</sup> . | Sunset to 24h. 30 <sup>h</sup> . |
|----------------------|-----------|------------|--------------|-----------|----------------|-------------|-----------------|----------------|--------------------------|-----------|------------|--------------|-----------|----------------|-------------|-----------------------------------|----------------------------------|
|                      | Forenoon. | Afternoon. | Min. Night.  | Max. Day. | Night 17h-24h. | Day 9h-17h. | Sunrise to 17h. | Sunset to 24h. |                          | Forenoon. | Afternoon. | Min. Night.  | Max. Day. | Night 17h-24h. | Day 9h-17h. |                                   |                                  |
|                      |           |            |              |           |                |             |                 |                |                          |           |            |              |           |                |             |                                   |                                  |
| Montrose ...         | cc        | rc         | 51           | 61        | 0.4            | 5           | 2.7             | 8.8            | Ilfracombe ...           | decod     | op         | 59           | 64        | 0.1            | 0.1         | 3.7                               | 1.1                              |
| Berwick-on-Tweed ... | xncbc     | keber      | 54           | 64        | 1              | -           | 5.6             | 0.2            | Bude ...                 | p         | p          | 55           | 64        | 2              | 0.4         | 1.4                               | 2.7                              |
| Llandudno ...        | c         | cpc        | 56           | 64        | 13             | Trace       | 3.1             | 0.8            | Penzance ...             | cpc       | c          | 57           | 64        | 1              | 0.3         | 2.1                               | 3.0                              |
| Colwyn Bay ...       | cp        | co         | 55           | 65        | 5              | 0.3         | 4.7             | 1.2            | Paignton ...             | bebeo     | draoq      | 58           | 67        | 3              | 1           | 2.4                               | 4.2                              |
| Rhyl ...             | bce       | bebe       | 55           | 66        | 20             | 0.4         | 3.6             | 0.5            | Torquay ...              | a         | p          | 58           | 67        | 3              | -           | 4.2                               | -                                |
| Bentport ...         | oebe      | car        | 55           | 65        | 4              | 0.4         | 3.6             | 0.5            | Weymouth ...             | beo       | adae       | 58           | 69        | 3              | -           | -                                 | -                                |
| Blackpool ...        | co        | cor        | 55           | 66        | 3              | 0.3         | 3.2             | 2.2            | Bournemouth ...          | bbe       | oo         | 56           | 67        | 2              | -           | 5.0                               | 6.0                              |
| Ilkley ...           | opege     | chebo      | 51           | 65        | 5              | 1           | 4.4             | 0.9            | Portsmouth (S. thea) ... | be        | o          | 59           | 68        | 2              | -           | 4.0                               | 8.8                              |
| Karrogate ...        | epb       | cbo        | 52           | 65        | 4              | 1           | 5.5             | 0.3            | Worthing ...             | be        | beo        | 59           | 67        | 0.5            | -           | 3.5                               | 8.1                              |
| Skegness ...         | orebe     | coreb      | 56           | 67        | 1              | Trace       | 7.6             | 0.6            | Brighton ...             | c         | a          | 59           | 68        | 1              | -           | 4.9                               | -                                |
| Aberystwyth ...      | ror       | o          | 51           | 63        | 4              | 5           | 2.0             | 1.0            | Eastbourne ...           | fb        | ceo        | 59           | 65        | 1              | -           | 4.3                               | 9.5                              |
| Bath ...             | bce       | cpr        | 58           | 62        | -              | -           | 3.2             | 3.9            | Hastings ...             | ebch      | bcco       | 59           | 68        | 1              | -           | 7.1                               | 8.2                              |
| Leamington Spa ...   | cbo       | r          | 55           | 65        | -              | 0.2         | 2.7             | 1.7            | Folkestone ...           | c         | c          | 59           | 68        | -              | -           | 5.4                               | 9.9                              |
| Lowestoft ...        | oebeo     | o          | 58           | 71        | -              | -           | 4.6             | 0.5            | Tanbridge Wells ...      | bbe       | co         | 57           | 69        | 1              | -           | 7.2                               | 8.9                              |
| Felixstowe ...       | bc        | coq        | 59           | 70        | 1              | -           | 5.0             | 3.4            | Ramsgate ...             | bbe       | bc         | 58           | 72        | 0.4            | -           | 6.9                               | 10.2                             |
| Southend ...         | ebc       | oq         | 58           | 71        | 3              | -           | 6.0             | 4.0            | Margate ...              | b         | bce        | 58           | 66        | 1              | -           | 7.3                               | -                                |
|                      |           |            |              |           |                |             |                 |                | Deal ...                 | ebcb      | bce        | 58           | 71        | 1              | -           | -                                 | -                                |







### I.—CORRECTIONS.

| Report for       | STATION.                                                                                                                                                                                                                                          | CORRECTION.                                                                                                                                                                                                                                                                                                                                          | Report for                           | STATION.                                                                                                                                                                                                                                                                                                               | CORRECTION.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Report for | STATION. | CORRECTION. |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------|-------------|
| 26 <sup>th</sup> | Lerwick 7hr<br>Leuchars<br>Blacksoil Pt<br>Chestor                                                                                                                                                                                                | Bar change +2<br>Sun 10.5 hrs<br>Min 49°<br>Max 67° Rain day 0.5 40800                                                                                                                                                                                                                                                                               | 29 <sup>th</sup><br>30 <sup>th</sup> | Plymouth<br>Gorleston 18hr<br>Greenwich<br>S. Jarnboro 7hr<br>Birmingham 7-<br>Hobbingham 7-<br>Torquay<br>Lerwick<br>Holyhead<br>Calshot<br>Cranwell 13hr<br>S. Jarnboro 13-<br>Grain 13hr<br>Plymouth 13-<br>Bier Castle 18hr<br>Plymouth 18-<br>Westminster<br>Holyhead 1hr<br>Jersey 7-<br>Holyhead<br>Ross-on-Wye | Weather 18-1hr Dep. b Rain day 4<br>Bar 1006.0 mb<br>Sun 5.7 hrs<br>Weather c-<br>Temp 57°<br>Max 59°<br>Rain 0.1 and trace<br>Weather 18-1hr 001r Th. c.<br>Night rain 2mm.<br>Wind SW 4<br>Bar change -2<br>Bar 1005.5 mb<br>Weather o/p ground 0<br>Bar 994.0 mb<br>Bar change -4<br>To 57.43 - 1 2mm Sun 5.3 hrs<br>Weather 622<br>Bar 1004.7 mb<br>Weather 13-15hr o/t o/t<br>7-13hr c. ov p. o.<br>18-1 - gd & R. b.<br>Day rain 0.6 mm<br>Grass Min 51° Sun 6.3 hrs<br>Day rain 0.5 mm |            |          |             |
| 27 <sup>th</sup> | Benson 18hr<br>Blackhead Pt 7-<br>Dunghadde<br>Holyhead<br>Birmingham<br>Kew<br>Malin Hdr<br>Jersey 13hr<br>Stornoway 1-<br>S. Jarnboro 7hr<br>Silly 7-<br>Soothport<br>Castle Bay<br>Malin Hdr<br>Roches Pt<br>Ross-on-Wye<br>Andover<br>Croydon | Min 50<br>Weather 13-15hr c. ov. bc<br>Sun 8.7 hrs<br>Sun 12.4 hrs<br>Rain day 0.4mm Night 0.4mm<br>Temp 63<br>Wind ESE 1<br>Bar 1005.2 mb.<br>1009.3<br>Sun for 26 8.5 hrs<br>6.4 hrs<br>Min 52<br>Day rain trace<br>Grass Min 57° Sun 1.6hr<br>Day rain trace<br>trace                                                                             | 31 <sup>st</sup>                     |                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |          |             |
| 28 <sup>th</sup> | Jersey 13hr<br>Stornoway 1-<br>S. Jarnboro 7hr<br>Silly 7-<br>Soothport<br>Castle Bay<br>Malin Hdr<br>Roches Pt<br>Ross-on-Wye<br>Andover<br>Croydon                                                                                              | Min 50<br>Weather 13-15hr c. ov. bc<br>Sun 8.7 hrs<br>Sun 12.4 hrs<br>Rain day 0.4mm Night 0.4mm<br>Temp 63<br>Wind ESE 1<br>Bar 1005.2 mb.<br>1009.3<br>Sun for 26 8.5 hrs<br>6.4 hrs<br>Min 52<br>Day rain trace<br>Grass Min 57° Sun 1.6hr<br>Day rain trace<br>trace                                                                             |                                      |                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |          |             |
| 29 <sup>th</sup> | Cranwell 13hr<br>Benson 18-<br>S. Jarnboro 18-<br>Westminster<br>Camden Sqre<br>Hampstead<br>Greenwich                                                                                                                                            | Vib 7<br>Bar 1003.8 mb<br>Weather o/p cloud 5th 9-9<br>67.54. 2mm. 2-4 73 97<br>oct o'oc. 69 53 49 2mm &<br>51. 72°<br>Sun 1.4 hrs.<br>{ Polar Star Record<br>28 <sup>th</sup> 2100 to 29 <sup>th</sup> 0300<br>Polaris 6h am 54 35m 94%<br>U.M. 6h am 54 32m 92%<br>Hum. 97%<br>Rain day 7mm<br>15-<br>Weather 18-1hr p.b.c.c.o<br>Rain began 40800 |                                      |                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |          |             |
|                  | Cranwell 1hr<br>Liverpool<br>Chestor<br>Benson<br>London                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                      |                                      |                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |          |             |

## II.—ADDITIONS.

[illegible]

The\*barometric change is expressed in half millibars.

