

M.O. FORM 2373

AIR MINISTRY.

**METEOROLOGICAL OFFICE.**

**LONDON.**

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# **DAILY WEATHER REPORTS**

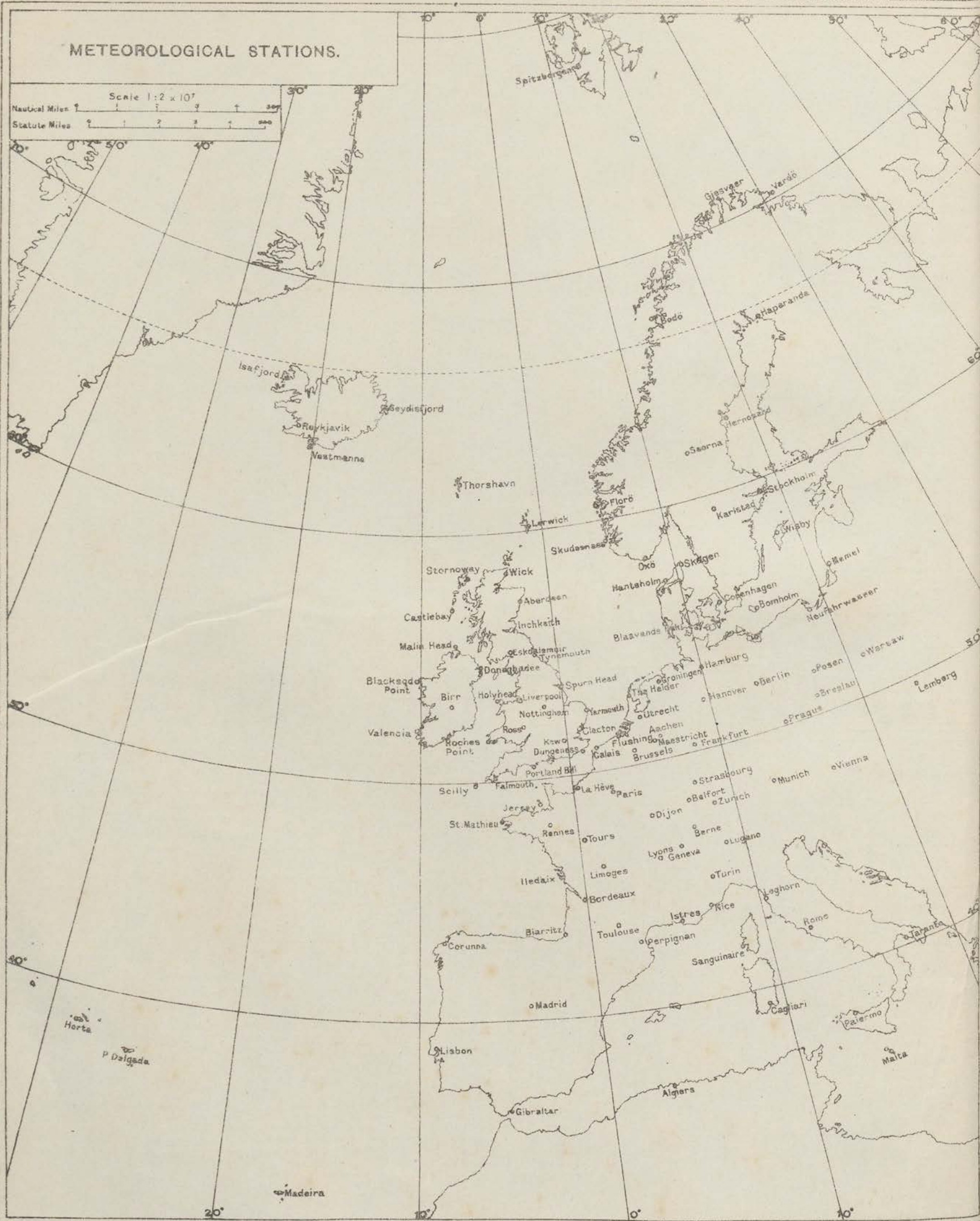
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**1ST JULY TO 30TH SEPTEMBER, 1921.**



# METEOROLOGICAL STATIONS.

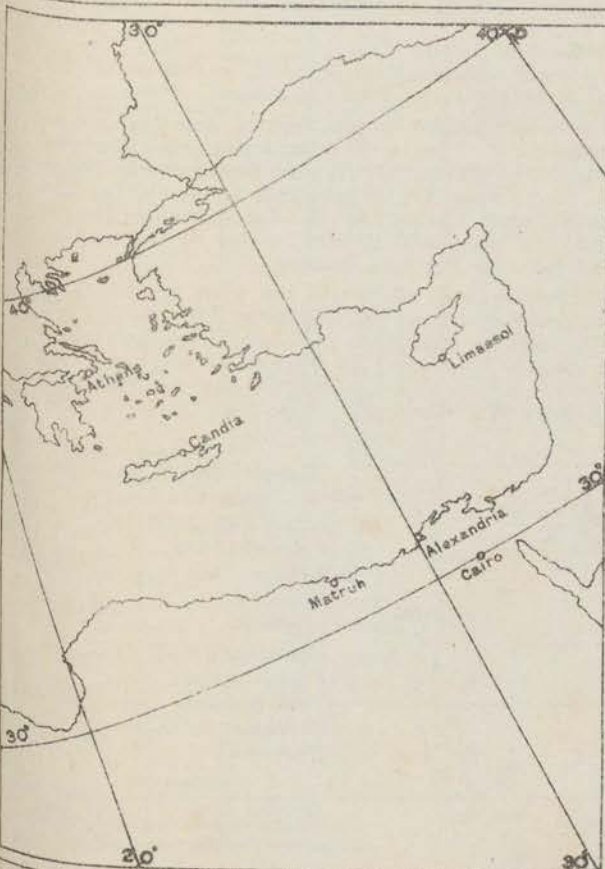
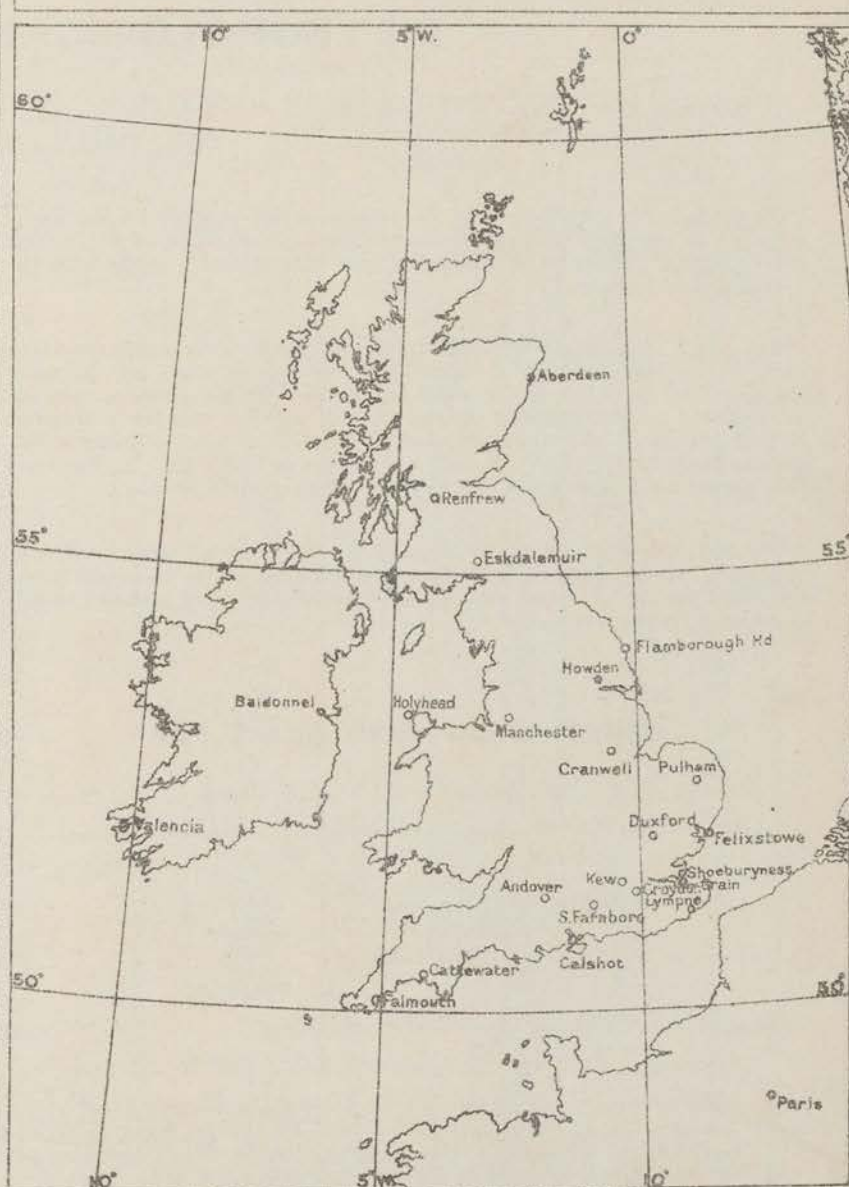
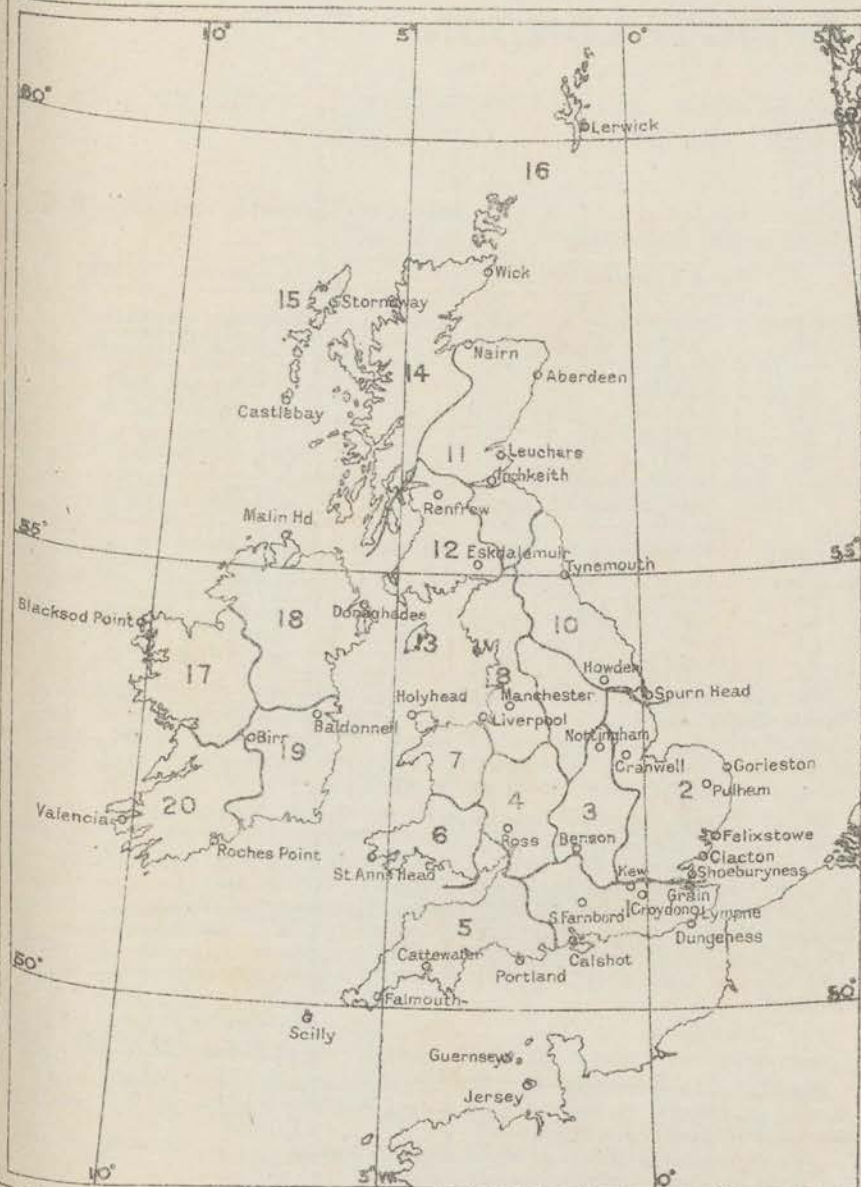
Scale 1:2 x 10<sup>7</sup>  
Nautical Miles 1 2 3 4 5 6 7 8 9 10  
Statute Miles 1 2 3 4 5 6 7 8 9 10





# FORECAST DISTRICTS AND BRITISH STATIONS.

# STATIONS USED FOR UPPER AIR SUPPLEMENT.



## THE BEAUFORT SCALE OF WIND FORCE.

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

### BEAUFORT NOTATION.

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

### BEAUFORT NOTATION.

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

### WEATHER SYMBOLS.

Clear sky ○ Sky & cloudy ○  
Sky & cloudy ☁ Sky & cloudy ☁  
Overcast sky ☁ Rain falling ☁  
Snow ❄ Sleet ❄  
Fog ☁ Hail ❄  
Thunder ⚡ Mist ☁  
Lightning ⚡ Thunderstorm ⚡

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



# AIR MINISTRY.

## METEOROLOGICAL OFFICE, LONDON.

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

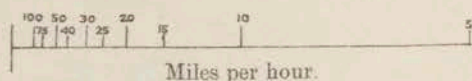
**Pressure.**—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on the British Section of the Report and for intervals of 4 millibars on the International Section.

The wind at a height of 1,500–2,000 feet above ground usually blows along the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, e.g., for isobars 1 inch apart (160 miles) in the Daily Weather Report the speed of the upper wind is about 12 m.p.h. in latitude 55°, with a temperature of 50° F. and a pressure of 1,015 mb; if, however, the isobars are  $\frac{1}{2}$  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 × 10<sup>7</sup> Charts.  
or 2 mb " " 1 : 10<sup>7</sup> " "  
or 1 mb " " 1 : 5 × 10<sup>6</sup> " "



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°.

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

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

The new tables for computing relative humidity from readings of dry and wet bulb thermometers exposed on aeroplanes, are based on the formula  $e' = e - A \frac{(t-t')}{1000}$  where  $A = 0.37$  which differs from the old formula used previously to the 19th September, 1921, only in having a constant 0.37 instead of 0.278. Considerable difference exists between the values for relative humidity given by the two formulae when the humidity is low: when it is high the differences are slight. The following table

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

indicates the actual value of these differences, the new formula invariably giving smaller humidities:—

		Air pressure 400 mb.							Air pressure 600 mb.				
Dry Bulb. °F.	Depression of wet bulb. 5° 10° 15° 20° 25°					Dry Bulb. °F.	Depression of wet bulb. 5° 10° 15° 20° 25°						
20	6	10	—	—	—	20	7	15	—	—	—		
40	2	4	6	9	—	40	3	6	10	—	—		
60	1	2	3	4	5	60	2	3	4	7	7		
80	0	1	1	2	2	80	0	2	2	3	4		
		Air pressure 800 mb.							Air pressure 1000 mb.				
Dry Bulb. °F.	Depression of wet bulb. 5° 10° 15° 20° 25°					Dry Bulb. °F.	Depression of wet bulb. 5° 10° 15° 20° 25°						
20	10	—	—	—	—	20	12	—	—	—	—		
40	4	9	13	—	—	40	6	11	—	—	—		
60	2	4	7	—	—	60	3	6	8	11	—		
80	2	2	4	4	5	80	2	3	4	6	6		

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

**Cloud Types.**—In the inset maps of the British Section and in the cloud maps of the Upper Air Supplement the amounts of different types of cloud are shown. The forms, Cumulus (Cu.), Nimbus (Nb.), Strato-cumulus (St.-cu.), Cumulo-nimbus (Cu.-nb.), and Stratus (St.) are set out on the chart of Lower Cloud. The forms, Alto-cumulus (A.-cu.), Alto-stratus (A.-st.), Cirrus (Ci.), Cirro-cumulus (Ci.-cu.), and Cirro-stratus (Ci.-st.) are given under Upper Cloud. The proportion of the sky covered with cloud of the different types is shown by numbers (tenths of the sky covered).

For description of Cloud Types reference may be made to "Meteorological Glossary," M.O. 225 ii, and "Cloud Forms," M.O. 233.

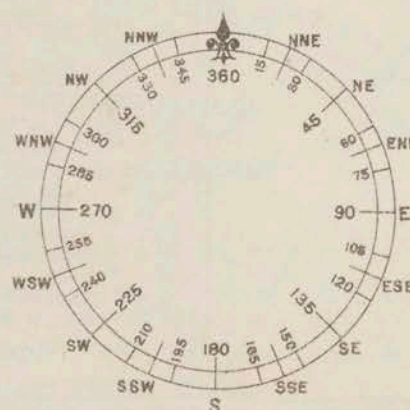
**Weather.**—In describing the distribution of weather over a district or during an interval of time such as a day, descriptive adjectives are used with the following meanings:—

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.

**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 data are usually based on Pilot Balloon ascents.

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



#### Notes.—Ships' Reports.

##### CODE FOR SWELL.

0 No or slight Swell	Sea
1 Moderate Swell ..	Smooth
2 Heavy " ..	to
3 Long low " ..	Moderate
4 Confused " ..	
5 No or slight Swell	Sea
6 Moderate Swell ..	Rough
7 Heavy " ..	or
8 Long low " ..	above.
9 Confused " ..	

##### VISIBILITY.

Visibility 9 has the significance "Fog in patches"; other numbers approximately as in land reports.



# 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.)

JULY.

AUGUST.

SEPTEMBER.

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	mb.	°F.	°F.	°F.	°F.	°F.	1897, 1911	°F.	1888	17	58	2.29	—				
Stornoway	1012.5	51.7	57.0	48.2	70	37	1888	32	1888	21	77	3.03	4.68				
Castlebay (Barra Isd.)	1013.1	53.5	60.2	48.9	76	32	1888	34	1914	18	69	2.70	5.42				
Esksdalemuir	1013.2	54.4	58.7	51.6	73	44	1913	44	1913	16	90	3.56	5.10				
Malin Head	1014.8	53.8	62.8	46.9	83	34	1911	42	1888, 1902	19	72	2.84	—				
Blackod Point	1013.4	54.5	60.6	52.3	79	42	1911	42	1898	21	80	3.15	—				
Valencia	1014.8	56.1	62.2	53.2	80	42	1894	40	1907	21	96	3.78	5.13				
Roche's Point	1016.3	56.9	63.8	53.8	81	40	1911	40	1907	15	73	2.88	—				
Birr Castle	1016.5	56.6	64.7	53.7	76	43	1887, 1912	37	1889	17	75	2.95	4.65				
Donaghadee	1015.4	55.2	66.3	51.3	86	40	1887	45	1883, 1902	17	71	2.80	—				
Liverpool (Observatory)	1014.6	54.5	61.2	51.8	80	45	1901	40	1888, 1907, 13	15	66	2.59	6.03				
Holyhead	1015.1	56.6	63.7	54.2	88	43	1901	43	1888	16	66	2.61	5.87				
Pembroke (St. Ann's Hd.)	1015.1	56.9	63.3	53.6	85	43	1901	43	1910	14	63	2.47	6.66				
Scilly (St. Mary's)	1015.7	56.4	62.3	54.5	81	47	1911	47	1910	15	56	2.22	6.97				
Fa mouth	1016.7	57.9	64.8	56.2	78	46	1885	46	1897	15	72	2.84	7.26				
Jersey (St. Aubin's)	1017.0	58.6	65.8	55.1	80	44	1900, 1901	44	1907, 1909	13	53	2.10	7.94				
Portland Bill	1017.4	60.2	68.3	56.4	87	49	1901, 1912	49	1900, 1907	11	44	1.74	—				
Dungeness	1016.2	58.5	64.5	55.8	79	40	1900	40	1890	12	46	1.81	—				
Dover	1015.6	59.1	66.6	55.1	82	44	1911	44	1913	14	56	2.19	6.77				
Wick	1015.5	59.7	67.3	55.8	82	30	1886	30	1886	18	67	2.63	—				
Nairn	1012.9	52.6	60.6	48.4	80	36	1899, 1901	36	1906	18	68	2.68	4.52				
Aberdeen	1013.0	53.8	61.3	49.1	85	38	1901	38	1898, 1903	17	71	2.81	5.13				
Leith	1013.5	55.1	62.8	50.3	83	41	1885	41	1887, 88, 92, 1903	16	65	2.55	—				
Tynemouth	1013.7	55.8	63.8	51.4	83	39	1901	39	1909	14	61	2.40	—				
Spurn Head	1014.2	55.8	64.2	51.3	82	48	1911	48	1912	16	67	2.62	7.10				
Yarmouth	1014.4	57.4	65.0	54.3	86	44	1911	44	1888	12	45	1.78	5.10				
Clacton-on-Sea	1014.8	58.1	66.2	54.7	87	42	1881	42	1890	13	59	2.34	6.45				
Nottingham	1015.5	58.8	67.7	54.7	81	40	1911	40	1902	11	49	1.92	7.00				
LONDON (Kew Obsy.)	1015.2	57.0	69.7	52.2	92	37	1881	37	1883	15	61	2.38	5.71				
Lerwick	1016.1	58.5	71.0	54.3	99	43	1881	43	1881, 1884	12	55	2.17	6.48				
Stornoway	1010.4	52.4	57.1	48.4	82	38	1910	38	1885, 95, 1909	20	76	3.01	—				
Castlebay (Barra Isd.)	1011.4	53.3	60.0	49.0	75	33	1897, 1899	33	1888	22	101	3.97	4.29				
Esksdalemuir	1012.1	55.0	61.3	52.2	75	44	1911	44	1912	18	83	3.27	4.65				
Malin Head	1013.1	51.8	61.8	46.5	79	31	1914	31	1912	18	122	4.79	4.19				
Blackod Point	1014.0	55.0	61.0	52.8	80	42	1900	42	1912	21	90	3.52	—				
Valencia	1013.0	56.6	62.1	53.4	78	42	1899, 1911	42	1887, 88, 1912	22	116	4.58	—				
Roche's Point	1014.9	57.1	63.9	53.9	81	42	1899	42	1890, 1912	22	122	4.79	5.00				
Birr Castle	1015.3	56.8	64.5	53.7	78	41	1887	41	1912	18	96	3.78	—				
Donaghadee	1014.1	54.7	63.4	50.8	83	35	1911	35	1885, 1887	19	97	3.81	4.58				
Liverpool (Observatory)	1013.2	54.5	61.1	51.9	78	38	1899	38	1886	19	84	3.32	—				
Holyhead	1014.0	56.7	63.0	53.9	87	44	1911	44	1885	17	78	3.08	5.58				
Pembroke (St. Ann's Hd.)	1014.0	57.5	63.4	54.0	86	45	1914	45	1888	17	81	3.18	6.06				
Scilly (St. Mary's)	1014.8	57.4	62.8	55.1	82	46	1911	46	1912	16	80	3.15	6.16				
Falmouth	1015.8	58.7	65.0	56.6	76	48	1911	48	1912	16	67	2.62	7.10				
Jersey (St. Aubin's)	1016.3	58.4	65.4	55.1	77	44	1909	44	1890	16	83	3.25	6.81				
Portland Bill	1017.0	61.2	68.8	57.1	89	45	1893	45	1890, 1909	14	62	2.44	7.74				
Dungeness	1015.6	59.6	65.2	56.5	81	47	1911	47	1912	12	54	2.12	—				
Dover	1015.4	59.7	67.3	55.5	82	39	1904	39	1890	13	50	1.98	—				
Wick	1015.6	59.7	67.3	55.5	82	44	1911	44	1913	14	56	2.19	6.77				
Nairn	1011.2	52.6	60.6	48.4	80	30	1893	30	1886	21	70	2.75	—				
Aberdeen	1011.4	53.2	61.3	48.7	86	33	1899	33	1885, 91, 1904	19	61	2.44	4.13				
Leith	1012.2	54.5	62.4	49.9	81	33	1882, 99, 1906	33	1885	18	70	2.74	4.84				
Tynemouth	1012.4	55.5	63.4	51.2	81	38	1893, 1906	38	1881, 1892	17	75	2.94	—				
Spurn Head	1013.2	55.5	64.2	51.1	83	38	1903	38	1912	16	70	2.75	—				
Yarmouth	1013.8	57.7	65.1	54.4	87	45	1893	45	1902	14	54	2.11	5.55				
Clacton-on-Sea	1014.7	58.1	66.3	54.2	85	41	1891	41	1902	14	63	2.47	6.20				
Nottingham	1015.3	59.1	67.5	54.9	85	43	1911	43	1908, 1915	14	47	1.86	6.87				
LONDON (Kew Obsy.)	1014.5	55.8	68.4	51.2	94	37	1911	37	1908	16	63	2.49	5.42				
Lerwick	1015.8	58.0	69.7	53.5	94	41	1911	41	1890	13	57	2.24	6.03				
Stornoway	1015.5	49.7	54.6	46.5	69	34	1898	34	1887, 1888	20	76	3.01	—				
Castlebay (Barra Isd.)	1016.5	50.4	57.7	46.2	77	32	1906	32	1885, 1904	21	100	3.95	3.83				
Esksdalemuir	1016.5	52.8	56.9	50.2	68	39	1914	39	1915	16	70	2.75	4.00				
Malin Head	1017.9	46.3	58.1	41.6	71	27	1914	27	1910, 11, 14, 15	12	60	2.36	4.27				
Blackod Point	1017.9	52.9	58.9	50.6	84	38	1906	38	1886	17	67	2.62	—				
Valencia	1016.9	54.6	60.1	51.1	78	39	1898	39	1899	19	99	3.88	—				
Roche's Point	1018.4	54.1	61.8	51.3	79	35	1898, 1906	35	1899	18	105	4.14	4.43				
Birr Castle	1019.1	54.6	61.8	51.4	73	39	1895, 1906, 11, 13	39	1893	16	75	2.97	—				
Donaghadee	1018.5	50.9	62.1	47.0	80	29	1906	29	1899	15	58	2.29	4.20				
Liverpool (Observatory)	1018.3	52.2	60.3	49.4	75	36	1906	36	1882, 94, 99, 1909	16	61	2.39	—				
Holyhead	1018.9	52.6	61.4	50.7	87	39	1906	39	1885, 1914, 15	15	61	2.41	4.47				
Pembroke (St. Ann's Hd.)	1018.5	54.9	61.0	51.8	77	41	1898	41	1912	15	68	2.68	5.60				
Scilly (St. Mary's)	1018.6	54.7	60.8	52.8	74	40	1895	40	1885	14	69	2.73	5.00				
Falmouth	1018.5	56.6	62.5	54.7	74	44	1911	44	1885, 88, 1912	15	62	2.45	5.60				
Jersey (St. Aubin's)	1019.3	55.1	62.1	52.7	75	36	1906	36	1885	15	74	2.91	5.43				
Portland Bill	1019.3	57.7	66.0														

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

‡ Results for 9 years, 1907-1915.  
§ " 8 " 1908-1915.  
|| " 6 " 1910-1915.

\* Results for 5 years, 1911-1915.  
\*\* " 2 " 1914-1915.

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



## 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 1921.

It is many years since England has experienced weather such a that which characterised the past month. Temperature readings were abnormally high and in some districts surpassed all previous records during the last fifty years: e.g. Falmouth and Valencia, the highest in each case being 30° above the record of previous years. In other parts, however, the heat was never quite so intense as it was on 9th Aug. 1911 yet it was, as far as the month of July at least was concerned equally, if not more, persistent. At Kew the maximum temperature only once failed to reach 70°F and on nearly half the days rose at least to 80°, a value not recorded once throughout June, July and August in 1920. The nights too were frequently hot and oppressive, while on the 23rd the thermometer remained as high as 67°F at Cranwell, Nottingham and Kew.

Rainfall was again very scanty in most parts of England but the deficiency was most marked in the Southeast. Only 3 mm were measured at Croydon and 4 mm at Kew and Calshot. Reference to the minimum humidity on the next page shows that the air was very dry in these districts and on the 11th less than 20% was recorded at Kew.

At this Observatory the aggregate rainfall for the twelve months, August 1920 to July 1921 was quite exceptionally small, only 382 mm. The lowest amount for a similar period in previous years since 1866 was 425 mm, from August 1890 to July 1891..

South-West to Westerly gales occurred in the Channel on Friday, the 29th.

Thunderstorms were comparatively rare.

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

Height.	Station.	No. of Obs.	Under 10 m.p.h.	10-25 m.p.h.	25-45 m.p.h.	45-70 m.p.h.	Above 70 m.p.h.
ft.							
2,000	Valencia.	20	7	12	1	0	0
5,000		10	5	5	0	0	0
10,000		7	2	4	1	0	0
15,000		6	2	4	0	0	0
2,000	Lymington.	76	27	42	7	0	0
5,000		51	12	34	5	0	0
10,000		17	2	11	3	1	0
15,000		1	0	1	0	0	0
2,000	Exislemuir.	8	4	2	1	1	0
5,000		5	1	3	0	1	0
10,000		0	0	0	0	0	0
15,000		0	0	0	0	0	0

## SURFACE VISIBILITY. [No. of observations within fixed limits of telegraphic code (see p. 3).]

STATIONS.	1h.										7h.										13h.										18h.											
	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9		
Lerwick																																										
Stornoway	0	3	2	0	2	1	5	12	6	0	0	2	1	1	1	3	0	6	17	0	0	0	0	0	1	1	4	6	18	1	0	1	0	0	0	4	2	11	12	1		
Renfrew	0	0	0	0	1	12	15	2	1	0	0	0	0	1	0	1	3	18	7	1	0	0	0	0	0	0	1	17	10	3	0	0	0	0	0	1	16	12	2			
Exisdalemuir	0	0	0	0	1	1	7	9	13	0	0	0	0	1	2	5	4	3	6	9	1	0	0	0	1	1	5	1	7	13	3	0	0	0	0	1	1	7	11	9		
Malin Head	0	0	1	0	0	1	16	9	4	0	0	0	0	0	0	5	11	10	5	0	0	0	0	0	0	1	2	3	18	7	0	0	0	0	1	1	8	12	8			
Blackod Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Valencia	0	0	0	0	2	3	10	13	3	0	0	0	0	0	1	1	5	15	9	0	0	0	0	0	2	3	1	9	15	0	0	0	0	1	2	3	11	12	2			
Roche's Point	*	*	*	*	*	*	*	*	*	*	0	0	0	0	1	0	5	3	14	8	0	0	0	0	0	0	0	1	3	18	10	0	0	0	0	1	1	2	4	12	11	
Baldonnel	*	*	*	*	*	*	*	*	*	*	0	0	0	2	0	1	0	7	6	14	0	0	0	0	0	0	0	1	4	19	5	0	0	0	0	0	0	7	8	15		
	0	0	0	1	4	6	1	4	15	0	0	0	0	1	4	3	8	4	16	1	0	0	0	0	0	0	2	2	8	17	2	0	0	0	0	2	3	4	15	5		
Manchester (Alexandra Park)	*	*	*	*	*	*	*	*	*	*	0	0	0	1	4	9	9	1	5	2	0	0	0	0	0	1	6	6	12	6	0	0	0	0	0	2	10	1	13	4		
Holyhead	0	0	0	0	1	2	2	8	18	0	0	0	0	0	0	0	0	2	9	15	5	0	0	0	0	0	1	0	3	25	2	0	0	0	0	1	3	3	20	4		
Pembroke (St. Ann's Head)	0	0	0	1	0	2	0	3	18	5	0	2	0	0	0	0	3	4	19	3	0	0	0	0	1	0	0	7	18	5	0	0	0	0	0	0	3	8	18			
Rose-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Selly	0	0	0	0	1	0	2	17	1	0	0	0	0	0	0	0	3	6	18	4	0	0	0	0	2	0	0	4	21	3	0	0	0	0	0	0	1	5	13			
Falmouth	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	3	3	14	5	1	0	0	0	1	1	2	7	13	4	3	0	0	1	1	0	2	6	14	6			
Cattewater	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	1	3	5	12	0	0	0	0	0	0	0	2	1	26	2	0	0	0	0	1	0	4	24	1			
Calshot	0	0	0	0	0	0	0	3	28	0	0	0	0	0	0	3	4	6	16	2	0	0	0	0	0	0	0	1	5	21	4	0	0	0	0	0	0	6	12	3		
Lympe	0	0	0	0	0	1	4	22	4	0	0	0	0	0	0	2	2	10	10	7	0	0	0	0	0	0	0	3	17	11	0	0	0	0	0	1	4	15	10			
Aberdeen	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	2	4	4	21	0	0	0	0	0	1	1	3	26	0	0	0	0	0	0	0	3	1	24	0			
Lyonsmouth	0	0	0	0	1	3	6	13	7	0	0	1	1	0	0	3	8	6	13	0	0	0	0	0	1	3	10	16	0	0	0	0	0	0	2	0	12	17				
Howden	0	0	1	2	1	9	11	7	16	0	0	0	0	1	5	3	12	3	0	0	0	0	0	0	0	0	0	12	10	8	4	0	0	0	0	2	8	11				
Cranwell	0	0	0	0	0	1	7	7	16	0	0	0	0	0	0	0	3	7	14	1	0	0	0	0	0	0	1	6	22	2	0	0	0	0	0	0	1	6	20			
Fellstowe	*	*	*	*	*	*	*	*	*	*	0	0	0	0	1	1	4	5	20	0	0	0	0	0	0	0	0	0	7	22	2	0	0	0	0	0	0	2	15	4		
Yarmouth	0	0	0	0	0	1	0	5	18	7	0	0	1	0	0	2	3	9	14	2	0	0	0	0	0	0	2	12	15	2	0	0	0	0	0	5	9	13				
Shoeburyness	*	*	*	*	*	*	*	*	*	*	0	0	0	0	2	6	4	15	4	0	0	0	0	0	0	0	4	5	17	5	0	0	0	0	0	12	13	6				
Isle of Grain	*	*	*	*	*	*	*	*	*	*	0	0	0	0	1	8	9	7	13	1	0	0	0	0	0	0	0	2	9	17	3	0	0	0	0	0	1	5	19			
Benson	*	*	*	*	*	*	*	*	*	*	0	0	0	0	1	2	4	10	13	1	0	0	0	0	0	0	0	4	23	4	0	0	0	0	0	2	5	19				
S. Farnboro'	*	*	*	*	*	*	*	*	*	*	0	0	0	0	1	8	9	7	13	1	0	0	0	0	0	0	0	4	23	4	0	0	0	0	0	2	5	19				
London (Kew Obsy.)	*	*	*	*	*	*	*	*	*	*	0	0	0	0	3	15	3	6	1	0	0	0	0	0	0	0	0	4	24	3	0	0	0	0	0	3	2	22				
Croydon	0	0	0	0	1	0	5	23	2	0	0	0	0	0	4	6	8	11	2	0	0	0	0	0	0	0	1	4	15	8	0	0	0	0	0	1	23	6				
Rail Stations																																										



## SUMMARY OF RECORDS OF TEMPERATURE, SUNSHINE

Equivalents of Temperature. A°. F°.		TEMPERATURE.										Number of Ground Frosts.	Low Cloud.																			
		Number of daily readings within fixed limits.					Extremes:—Warmest and Coldest						Number of observations within fixed limits.																			
							Days.		Nights.																							
		% Maximum.		% Minimum.			Highest Maximum.	Lowest Maximum.	Highest Minimum.	Lowest Minimum.	1h.		7h.	13h.	18h.																	
59	68	77	86	87 or above.	41	50	59	68	Date.	Date.	Date.	Date.	Below 1,500 ft.	1,500-5,000 ft.	5,000-10,000 ft.	Below 1,500 ft.	1,500-5,000 ft.	5,000-10,000 ft.	Below 1,500 ft.	1,500-5,000 ft.	5,000-10,000 ft.	Below 1,500 ft.	1,500-5,000 ft.	5,000-10,000 ft.								
263.6	15																															
268.0	23																															
268.6	24																															
273.0	32																															
273.6	33																															
278.0	41																															
278.6	42																															
283.0	50																															
STATIONS.																																
Aberdeen	...	6	15	8	2	0	0	9	19	3	84	10	54	28	61	20	42	30	0	*	*	*	0	25	0	1	24	2	0	28	0	
Leith	...	2	22	7	0	0	0	6	21	4	77	9	54	28	62	10	46	4	0	*	*	*	*	*	*	*	*	*	*	*	*	
Renfrew	...	2	12	15	2	0	0	9	19	3	80	18	53	28	60	11	43	2	0	6	18	1	13	15	1	5	23	1	5	22	1	
Eskdalemuir	...	3	16	9	3	0	4	14	13	0	79	10	56	28	59	20	37	2	0	3	21	0	1	26	0	1	28	1	2	23	0	
Tynemouth	...	5	17	9	0	0	0	6	21	4	77	10	54	3	65	9	44	5	*	0	12	6	0	15	8	0	15	5	0	10	7	
Howden	...	1	5	14	9	2	2	11	16	2	90	10	57	4	63	9	33	5	3	2	24	2	2	24	1	0	28	1	1	24	1	
Cranwell	...	2	3	15	10	1	2	6	20	3	89	10	59	16	67	23	40	1	0	0	17	2	4	15	5	0	27	2	0	25	1	
Yarmouth	...	3	12	10	6	0	0	3	22	6	85	20	57	4	65	23	46	3	0	0	4	5	0	6	5	0	6	7	0	3	5	
Nottingham	...	0	2	13	14	2	1	8	16	6	92	10	61	4	67	23	40	2	0	*	*	*	0	18	0	0	28	0	0	22	0	
I. of Grain	...	0	6	17	7	1	0	6	17	8	90	11	60	4	64	23	45	6	0	*	*	*	2	8	6	1	14	7	1	10	8	
Benson...	...	0	1	8	15	7	3	8	17	3	91	10	66	4	65	23	37	5	0	*	*	*	*	*	*	*	*	*	*	*	*	
London	...	0	1	12	15	3	0	3	15	13	90	10	64	4	67	23	46	1	0	*	*	*	0	15	1	0	13	7	0	11	6	
(Kew Obs.)	...																															
Croydon	...	0	2	12	14	3	0	5	19	7	90	11	62	4	63	26	42	1	0	1	9	1	0	4	7	3	2	13	8	1	11	7
Manchester	...	0	3	14	13	1	2	10	15	4	88	10	65	4	61	15	36	2	0	*	*	*	0	13	6	0	29	1	1	21	1	
Bidston	...	0	11	16	4	0	0	4	19	8	80	13	64	3	64	10	47	1	0	*	*	*	8	9	0	3	18	3	7	9	0	
Holyhead	...	0	14	16	1	0	0	1	26	4	78	10	60	29	62	14	48	2	0	7	8	0	8	12	1	4	20	0	5	13	3	
Falmouth	...	0	8	17	6	0	0	0	16	15	83	18	63	27	65	20	51	21	0	*	*	*	*	*	*	*	*	*	*	*	*	
Calshot	...	0	4	21	4	2	0	1	15	15	89	18	65	29	65	20	50	5	0	2	10	6	5	6	3	3	10	9	1	8	3	
Lympne	...	1	6	15	9	0	0	5	19	7	85	11	57	4	62	24	44	1	0	3	10	2	6	9	4	4	14	7	2	11	3	
Dublin	(Phoenix Park)	0	11	14	6	0	0	9	18	4	85	9	64	28	63	19	45	4	0	*	*	*	*	*	*	*	*	*	*	*	*	
Baldonnell	...	0	10	14	7	0	0	10	17	4	83	10	63	28	63	19	43	1	0	6	17	0	13	11	0	3	25	3	3	24	1	
Birr Castle	...	1	9	13	8	0	0	7	16	8	86	12	58	28	65	9	45	4	0	*	*	*	7	17	0	3	24	0	2	25	0	
Valencia	...	1	12	16	2	0	0	4	15	12	84	12	58	28	65	23	46	4	0	*	*	*	10	16	0	3	22	3	6	15	1	



Limits.	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.				Total for past 12 months.											
		Nil.	0.1—3h.	3.1—6h.	6.1—9h.	Above 9h.	Hours.	Date.	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.	Total for past 12 months.	Difference from Average.	Total for month.	Difference from Average.
Below 1,500 ft.	A°. F°.																							
1,500—5,000 ft.	289.6 51 288.0 59 288.6 60 293.0 68 293.6 69 298.0 77 298.6 78 303.0 86																							
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REMARKS ON CHART OF ISOPLETHS FOR JULY 1921. (p. 4).

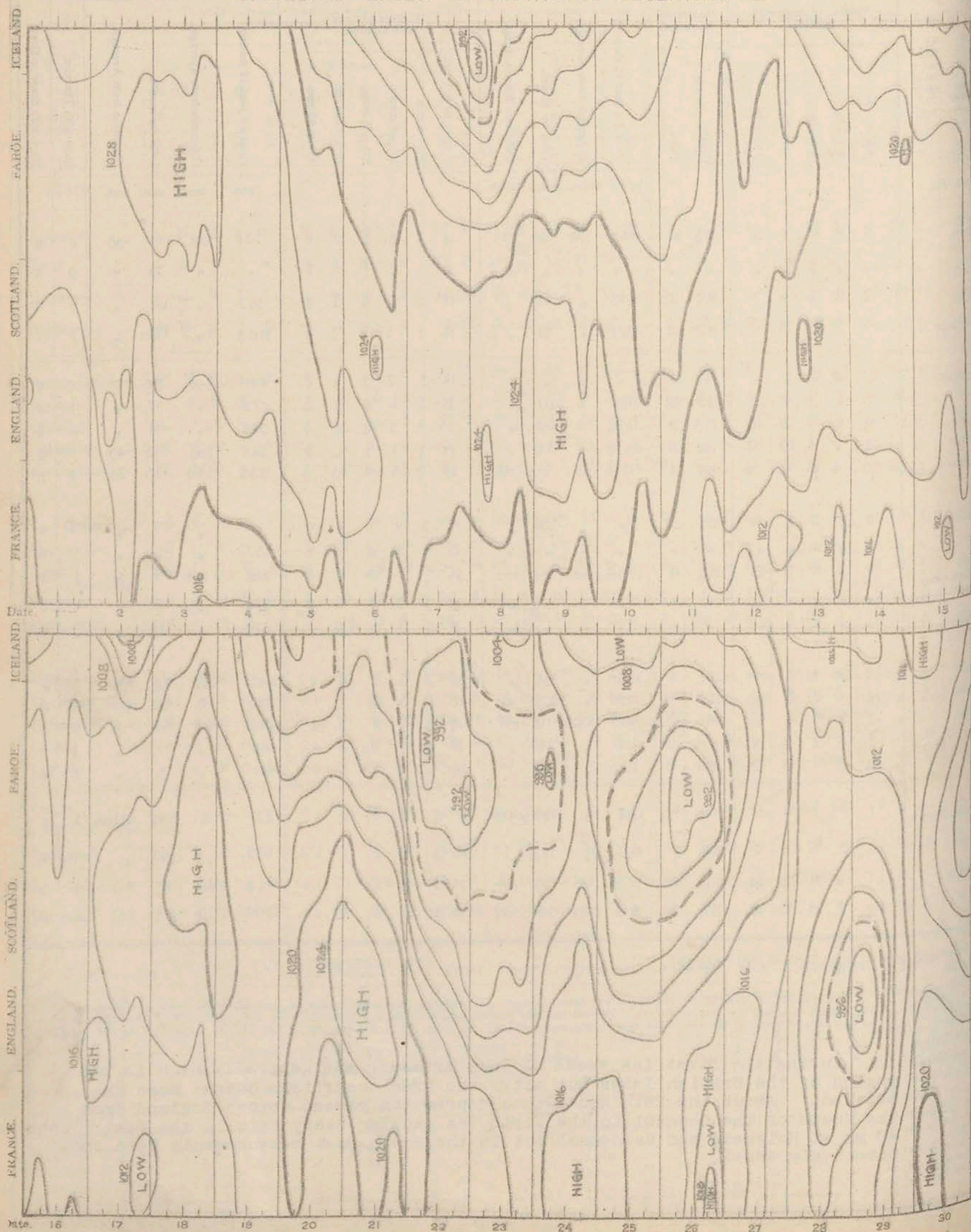
The diagram is obtained by drawing a line from Akureyri in Iceland to the South of France, near Marseilles. The points at which the isobars intersect this line at 1h., 7h., 13h. and 18h. are plotted consecutively and joined to show the variation of pressure from day to day at any point in the line. The line terminates at Lat. 66° N., Long. 18° W. in the north, at Lat. 45° N., Long. 4° E. in the south.

During the first few weeks of July pressure was generally high in the region of the British Isles but after the 22nd conditions became more unsettled. About the 28th and 29th a depression passed across England from the Mouth of the Channel to the North Sea causing heavy rain in the West: over 40 mm at Holyhead and Baldonnell but in the South-East measurements were comparatively small.

----- = 1,020 mb.    - - - - - = 1,000 mb.    x---x---x---x---x = 980 mb.    ---o---o---o---o---o = 960 mb.



ISOPLETHS\* BASED ON SIX-HOURLY OBSERVATIONS.





# AIR MINISTRY.

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

BRITISH SECTION.

No. B. 21771.

FRIDAY, 1<sup>st</sup> JULY, 1921.

Page 1.

STATIONS.	Observations at 1300 G.M.T. 30 <sup>th</sup>														Observations at 1800 G.M.T. 30 <sup>th</sup>															
	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity %.	Visibility 0-8.	Height of Low Cloud. Feet.	Cloud.			Sea.	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity %.	Visibility 0-8.	Height of Low Cloud. Feet.	Cloud.			Sea.				
			Direc.	Force						Form.	Amt.	Upper Form.				Total Amt.	Direc.						Force	Form.	Amt.		Upper Form.	Total Amt.		
																													0-12	0-10
Lerwick	10227	0	NE	4	0	50	75	8	7250	Sc	9	-	9	0	10231	+1	NE	4	0	45	85	8	7250	Sc	4	ASc	10	3	0	
Stornoway	10264	0	NE	5	0	51	75	1	480	Sc	10	-	10	0	10256	0	NE	5	bc	50	75	7	4000	Cu	6	-	6	3	0	
Wick	10242	0	N	3	0/r	47	97	2	5750	Sc	10	-	10	0	10239	0	N	3	0	49	85	8	7250	Sc	9	-	9	1	0	
Castlebay	10246	0	N	2	0	46	75	0	-	Sc	2	C-Sc	3	0	10237	0	NNE	2	bc	56	75	9	-	Sc	1	C-Sc	2	1	0	
Nairn	10241	-1	NNW	3	0	52	75	8	1500	Nb	10	-	10	0	10240	0	E	2	C	52	85	8	2500	Cu	9	-	9	0	0	
Aberdeen	10241	-1	NNW	3	0	52	75	8	1500	Nb	10	-	10	0	10238	0	NNW	3	0	50	85	8	2500	Cu	9	-	9	0	0	
Malin Head	10234	0	WNW	2	0	55	97	8	4000	Sc	10	-	10	0	10225	-2	WNW	2	0	54	97	8	4000	Sc	10	-	10	1	0	
Benbow	10235	-1	NE	1	0	61	65	5	2500	Cu	7	-	7	0	10216	-2	SW	1	bc	65	75	7	5750	Cu	4	ACu	5	0	0	
Leith (NEWCASTLE)	10239	-1	E	2	0	57	65	9	-	Sc	6	Ci	7	0	10228	-2	ESE	3	CV	54	65	9	-	Sc	7	-	7	2	0	
Edinburgh	10232	-1	E	0	0	53	65	6	4000	Cu	3	-	3	0	10216	-2	-	0	C	61	65	8	4000	Sc	8	-	8	0	0	
Tynemouth	10243	0	NE	3	0	53	65	8	5750	Sc	10	-	10	0	10238	0	NE	3	bc	52	65	8	2500	Sc	2	Ci	4	2	0	
Blackod Point	10243	0	N	3	0	57	75	8	-	-	-	Ci	10	0	10231	-2	NNE	3	0	56	85	8	-	-	-	Ci	10	1	0	
Donsghades	10231	0	NNE	2	0	56	85	8	4000	Sc	10	-	10	0	10221	-1	-	0	b	57	85	8	-	-	-	-	-	0	0	0
Birr Castle	10230	0	NNW	1	0	65	65	8	1500	Cu	1	-	1	0	10214	-1	NNW	1	b	71	65	7	1500	Cu	1	-	1	0	0	0
Baldonnell	10231	0	NEE	2	0	63	75	6	4000	Cu	7	-	7	0	10225	0	NEE	3	b	63	75	6	-	-	-	-	-	0	0	0
Holyhead	10230	0	NNW	3	0	65	75	8	-	-	-	-	-	0	10215	-1	NEN	4	b	62	85	8	-	-	-	-	-	0	1	0
Liverpool (Bidston)	10215	-1	ESE	1	bc	66	55	7	2500	Cu	6	-	6	0	10208	+1	SE	1	C+	65	65	7	-	-	-	ACu	7	1	0	0
Manchester (Alex.Pk.)	10230	-1	ESE	2	0	62	65	7	4000	Sc	10	-	10	0	10216	-2	ESE	2	0	62	65	6	1500	Sc	10	-	10	0	0	0
Howden	10234	-1	NNW	2	0	59	85	7	4000	Sc	9	-	9	0	10223	-1	NEE	2	C-	59	75	8	4000	Sc	7	ASc	8	0	0	0
Spurn Head	10234	0	N	3	bc	57	75	9	5750	Sc	4	Ci	6	0	10223	-1	N	3	C+	54	75	9	7250	Sc	8	-	8	1	0	0
Nottingham	10230	0	E	1	0	60	75	6	4000	Sc	5	ACu	9	0	10219	0	ESE	2	0	62	65	5	4000	Sc	6	ACu	9	0	0	0
Granwell	10234	0	NE	2	0	58	55	8	4000	Sc	8	Ci	9	0	10223	0	NEE	3	bc	59	65	8	4000	Cu	4	-	4	0	0	0
Gorleston	10223	0	NE	4	C-	57	85	8	4000	Sc	8	-	8	0	10219	-1	NE	3	0	55	92	8	4000	CuNb	10	-	10	1	0	0
Pulham	10221	0	NNE	2	0	57	75	9	2500	Sc	10	-	10	0	10222	+1	NNE	3	0	55	85	8	4000	Sc	10	-	10	0	0	0
Peluxtove	10223	0	N	2	0	59	65	8	2500	Sc	10	-	10	0	10223	+1	NEE	3	0	55	75	8	4000	Sc	9	-	9	0	0	0
Valencia (Cahiroireen)	10227	0	NNW	1	b	67	65	9	4000	Cu	1	-	1	0	10225	0	NNW	3	b	65	65	9	-	-	-	-	-	0	0	0
Roches Point	10233	0	SSE	2	b	69	65	8	-	-	-	-	-	0	10228	-1	S	3	b	64	75	8	-	-	-	-	-	0	0	0
Pembroke (St. Ann's H.)	10239	0	ESE	3	b	60	85	8	-	-	-	-	-	0	10222	-1	-	0	b	63	85	8	-	-	-	-	-	0	2	0
Ross-on-Wye	10223	-1	NEE	3	bc	65	55	8	4000	Cu	4	Ci	5	0	10212	-1	E	3	C+	64	65	7	4000	Sc	8	-	8	0	0	0
Senson	10230	-1	N	3	bc	66	55	8	-	Cu	5	Ci	1	0	10210	0	NE	2	bc	67	45	8	-	Cu	3	Ci	5	0	0	0
S. Farnborough	10217	0	E	3	bc	66	55	8	4000	Cu	4	Ci	6	0	10205	-1	NNE	2	bc	66	55	8	5750	Cu	4	Ci	6	0	0	0
London (Kew Obs.)	10219	-2	NE	3	bc	62	55	8	5750	Cu	4	Ci	5	0	10210	0	NNE	2	bc	65	45	8	5750	Cu	1	Ci	5	0	0	0
Croydon	10222	-1	NE	3	C-	60	55	8	4000	Cu	5	ACu	8	0	10209	0	NNE	3	C	64	45	9	4000	Cu	3	Ci	7	0	0	0
Clacton-on-Sea	10221	0	NE	1	0	61	65	8	4000	Sc	9	-	9	0	10222	0	ENE	3	C	57	75	9	5750	Sc	4	ACu	7	0	0	0
Shoeburyness	10221	0	NE	1	0	61	65	8	4000	Sc	9	-	9	0	10217	-1	E	1	bc	58	75	8	4000	Cu	2	Ci	4	0	0	0
Grain	10220	0	ENE	3	0	60	65	9	4000	Sc	10	-	10	0	10215	-1	E/N	5	bc	57	75	9	-	-	-	-	-	4	0	0
Lympne	10217	+1	NNE	3	0	55	85	9	1500	Nb	8	ASc	10	0	10214	0	NEE	3	bc	57	75	9	2500	Cu	1	Ci	4	0	0	0
Scilly (St. Mary's)	10225	+1	SE	1	b	64	75	8	-	-	-	Ci	1	0	10227	0	-	0	b	62	85	7	-	-	-	-	-	0	1	0
Palmouth	10223	+1	SE	4	bc	63	75	8	-	-	-	ACu	5	0	10218	0	NNN	2	b	66	55	8	-	-	-	-	-	10	0	0
Plymouth	10219	0	E	2	bc	70	55	9	4000	Sc	4	ACu	6	0	10219	0	NE	3	b	61	92	8	-	-	-	-	-	2	3	0
Portland Bill	10219	0	NE	4	b	59	92	8	-	-	-	Ci	2	0	10219	0	NE	3	b	61	92	8	-	-	-	-	-	2	3	0
Calshot	10216	-1	NNW	3	bc	64	55	8	5750	Cu	1	ACu	6	0	10210	0	SE	3	C+	63	65	8	7250	Sc	1	C-Sc	8	0	0	0
Dungeness	10204	0	NE	4	bc	59	75	9	7250	CuNb	6	-	6	0	10209	0	NE	4	bc	58	75	9	7250	Cu	2	Ci	5	4	0	0
Jersey	10202	0	E	4	bc	63	85	8	-	-	-	ASc	4	0	10204	0	E	4	b	63	75	8	-	-	-	-	-	0	3	0

LONDON OBSERVATIONS	WEATHER.			TEMPERATURE.			RAIN-FALL. mm.	SUN-SHINE to Sunset. hrs.	HUMIDITY.		ATMOSPHERIC POLLUTION. Lbs. of Solid impurity per million cubic yards.	SOLAR RADIATION. Vertical component per square centimetre.	POLE STAR RECORD at Greenwich Obsy.																																																																																				
	Morn- ing.	After- noon.	Night.	Max. °F.	Min. °F.	Min. on Grass. °F.			15h. G.M.T.	9h. G.M.T.			24 Hr. ended 1900 G.M.T.	During yesterday.	Exposure from 30 June 21 to 1 July 21.																																																																																		
															Stars.	Expo- sure.	Record																																																																																
	24 HOURS ENDED 0900 G.M.T. 1 <sup>st</sup> July.							YESTERDAY.	TO-DAY.	24 Hr. ended 1900 G.M.T. 30			South Kensington.																																																																																				
Kew { 24 hours ended 0700	bcy	bcy	bcy	69	44	35	-	9.3			South Kensington			Total ..... joules																																																																																			
Croydon	bcy	bcy	bcy	69	44	36	-	6.7	47	58	Max. Time Min. Time 0.2 29.21h 0.2 30.4h			Average Rate																																																																																			
Greenwich (Royal Obsy.)	0	0	0	69	44	31	-	7.8	46	60	Max. Time Min. Time 0.4 29.21h 0.2 30.4h			Maximum Rate																																																																																			
City (Bunhill Row)				68	51	44	-				Max. Time Min. Time 0.4 29.21h 0.2 30.4h			Maximum Rate																																																																																			
Westminster (St. James' Pk.)				68	51	44	-				Max. Time Min. Time 0.4 29.21h 0.2 30.4h			Maximum Rate																																																																																			
Regents Pk. (Botanical Gdns.)				71	47	44	-		45	60	Max. Time Min. Time 0.4 29.21h 0.2 30.4h			Maximum Rate																																																																																			
Camden Sq. (Brit. Rainfall)	bc	bc		68	47	42	-		49 (18)	64	Max. Time Min. Time 0.2 29.21h 0.2 30.4h			Maximum Rate																																																																																			
Kensington Palace	b	b		68	47	42	-				Max. Time Min. Time 0.2 29.21h 0.2 30.4h			Maximum Rate																																																																																			
Hampstead Observatory				64	47	36	-			58	Max. Time Min. Time 0.2 29.21h 0.2 30.4h			Maximum Rate																																																																																			
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 DISTURBANCE.																																																							
1 <sup>st</sup> July 1921.														b blue sky (not more than a quarter covered). bc sky partly cloudy (one half covered). c generally cloudy (three-quarters covered). d drizzle, or fine rain. f fog. h hail. KQ linesquall. l lightning. m mist. o overcast sky. p passing showers. r rain. rs sleet, i.e., rain and snow together. s snow. t thunder. x dust haze; the turbid atmo- sphere of dry weather.														With present weather is com- bined, whenever possible, the general character of the weather. A "solids" divides actual exist- ing weather from preceding condi- tions, t us: -bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h/r = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.  Capital letters indicate intensity, and repetition of letters continuity, thus: - R = heavy rain. rr = continuous moderate rain. rofo = continuous light rain.														6 = no swell } Calm or 1 = mod. swell } slight 2 = heavy swell } sea. 3 = no swell } Moderate 4 = mod. swell } sea. 5 = heavy swell } 6 = rather rough sea. 7 = rough sea. 8 = very rough sea. 9 = mountainous sea.														Beau- fort No.														Statute miles per hour.														Metres per second.													
STATIONS														Sunrise.														Noon.														Sunset.														Less than 1.														Less than 0.3																											
G.M.T.														G.M.T.														G.M.T.														1-5														0.3-1.5																																									
3.55														11.56														8.17														4.7														1.6-2.3																																									
3.56														11.57														8.17														8.12														3.4-5.3																																									
3.48														12.3														8.18														13.18														5.5-7.9																																									
3.49														12.4														8.18														19.24														8.0-10.7																																									
3.11														12.15														8.19														26.31														10.8-13.8																																									
3.12														12.16														8.19														32.58														13.4-17.1																																									
4.26														12.34														9.2														39.46														17.2-20.7																																									
4.27														12.35														9.2														47.54														20.8-24.4																																									
																																										55.63														24.5-28.4																																									
																																										64.75														28.5-33.5																																									
																																										Above 75														33.6 or above																																									

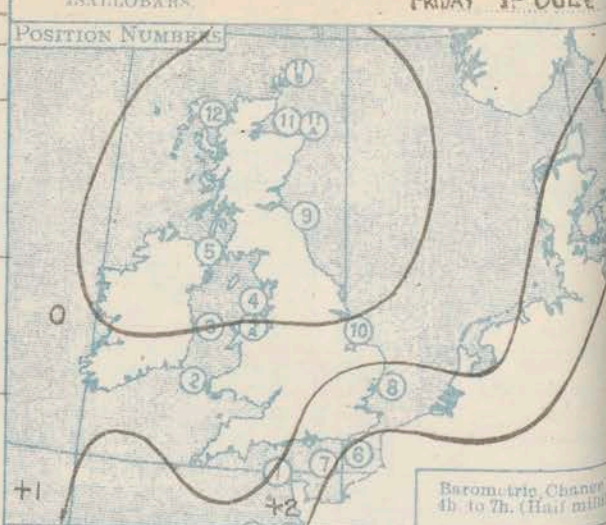


## SUMMARIES FOR THE PAST 24 HOURS.

ISALLOBARS.

FRIDAY 1<sup>st</sup> JULY.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN. Hours.
	7h.-13h.	13h.-18h.	18h.-24h.	1h.-7h.	MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	Day. 7h.-18h.	Night. 18h.-7h.	Precipi- tation begun.	
	30 h.	30 h.	to 1h.	1st July							
Lerwick	c	oo.	oo	oo	46	44	.	-	-	-	.
Stornoway	oo	c	c	oo	53	46	.	-	-	-	2.1
Wick	oid	omd	c	oo	50	45	.	0.3	-	0900	15.3
Castlebay	b.b.c	cb	c	c.b.c	57	49	.	-	-	-	0.2
Nairn	ocg	cg	c.g.w.c	cg	54	46	.	-	-	-	2.0
Aberdeen	oo	oo	b.c.o.p.	oo	55	45	40	-	TRACE	5.30	.
Malin Head	oo	oo	oo	oo	55	51	.	-	-	-	0.0
Renfrew	o im	c.b.c im	oo	oo	66	47	39	-	-	-	7.2
Leith (WICKHEDTH)	c	c	c	c	60	52	48	-	-	-	.
Edinburgh	oo	c	co	oo	64	45	45	-	-	-	4.3
Tynemouth	oo	b or bc	oo	oo	54	49	.	-	-	-	.
Blacksd Point	c	b or bc	c	c	59	51	.	-	-	-	.
Donaghadee	om	cm	cm	cm	57	52	.	-	-	-	.
Birr Castle	b or bc	b or bc	oif bc	bc	71	45	38	-	-	-	10.5
Baldonnell	c	b or bc	b or bc	b or bc	63	43	38	-	-	-	9.4
Holyhead	b m z	b z	b or bc	b or bc	67	53	45	-	-	-	14.1
Liverpool (Bidston)	b or bc	b or bc	b or bc	b or bc	70	47	46	-	-	-	6.7
Manchester (Alex. Pk.)	oo im	oz	im o im	oo	63	51	48	-	-	-	.
Howden	oo	c	c	oo	63	42	30	-	-	-	4.0
Spurn Head	oo	c	b or bc	oo	59	50	.	-	-	-	.
Nottingham	oo	c	oo	oo	63	44	39	-	-	-	2.8
Cranwell	oo	c	b or bc	c	61	40	34	-	-	-	6.9
Gorleston	o m p c	oo	oo	oo	57	50	50	trace	-	-	2.3
Pulham	oo	oo	c	c	59	43	33	-	-	-	0.3
Felixstowe	oo	oo	c	oo	60	44	.	-	-	-	1.3
Valencia (Cahiroiveen)	b or bc	b or bc	b or bc	b or bc	69	50	40	-	-	-	15.7
Roches Point	b or bc	b or bc	b or bc	b or bc	68	55	.	-	TRACE	-	.
Pembroke (St. Ann's H.)	b or bc	b or bc	b or bc	b or bc	64	52	.	-	-	-	12.1
Ross-on-Wye	o c b c	o c b c	o c b c	o c b c	68	50	45	-	-	-	5.1
Benson	c	b or bc	b or bc	b or bc	70	41	35	-	-	-	.
S. Farnborough	c	c	b or bc	b or bc	68	40	37	-	-	-	10.1
London (Kew Obsy.)	o b c y	b c b y	b c b y	b c b y	67	46	35	-	-	-	9.3
Croydon	o c y	c b c y	c b c y	c b c y	66	42	36	-	-	-	.
Clacton-on-Sea	co	b c c	c v o c v	c v o c v	60	45	41	-	-	-	3.1
Shoeburyness	c	b or bc	b c c	b c c	61	43	34	-	-	-	4.1
Grain	oo	c	c	c	61	48	38	-	-	-	3.6
Lympne	o d o	o c b	b or bc	b c c	58	44	31	-	-	-	3.2
Scilly (St. Mary's)	b or bc	b or bc	b or bc	b or bc	72	56	.	-	-	-	12.3
Falmouth	b c b c	b c b b z	b u s	c b c b	66	53	45	-	-	-	11.1
Plymouth	b or bc	b or bc	b or bc	b or bc	71	51	43	-	-	-	7.8
Portland Bill	b or bc	b or bc	b or bc	b or bc	64	55	.	-	-	-	.
Salshot	c	b or bc	b or bc	c	63	53	50	-	-	-	10.1
Dungeness	c	b or bc	c	c	61	47	.	-	-	-	.
Jersey	o b c	b c b	b	b	65	52	.	-	-	-	6.4



Temperature reported from Cross Channel and Coastal Steamers.											
Position Number	1	6	7								
Date	30	1	1								
Time G.M.T.	1130	0100	0100								
Sea ° F	56	56	57								
Air ° F	55	57	56								

## GENERAL INFERENCE.

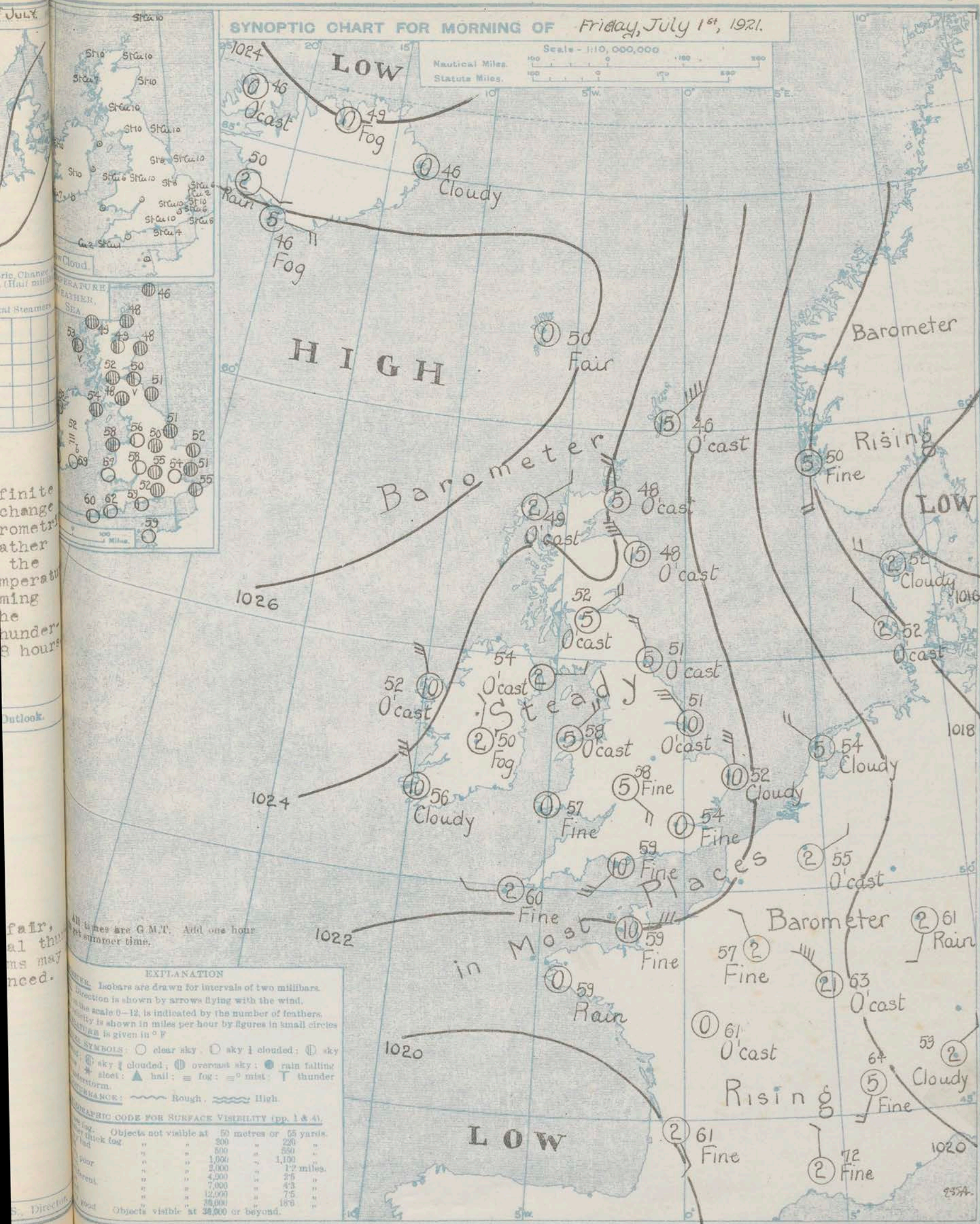
There are still no definite indications of any great change in the distribution of barometric pressure, and fine dry weather is likely to continue for the present with a rise of temperature. Pressure is however, becoming slightly irregular over the British Isles and local thunderstorms may occur within 48 hours.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday 1st July 1921.	Further Outlook.
1. S.E. England	Wind light Northerly or variable; mainly fine, cloudy occasionally. Visibility good or fair. Temperature rising.	Mainly fair, but local thunderstorms may be experienced.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England	Wind light variable; fair generally; visibility fair or good; temperature rising.	
6. South Wales		
7. North Wales		
8. N.W. England		
9. N. Midlands	Same as 1 - 3.	
10. N.E. England		
11. E. Scotland	Wind mainly Northerly, light; cloudy to fair; visibility fair or good. Rather warmer.	
12. S.W. Scotland		
13. Isle of Man		
14. N. & N.W. Scotland		
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland	Wind light Northerly; fair or fine; visibility fair to good. Temperature rising.	
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		



# SYNOPTIC CHART FOR MORNING OF Friday, July 1<sup>st</sup>, 1921.

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. Velocity is shown in miles per hour by figures in small circles. All times are G.M.T. Add one hour for summer time.

SYMBOLS: ○ clear sky. ○ sky 1 clouded; ○ sky 2 clouded; ○ overcast sky; ● rain falling; ▲ hail; = fog; = mist; T thunder.

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

SYNOPTIC CODE FOR SURFACE VISIBILITY (pp. 1 & 4).

Objects not visible at	50 metres or 55 yards.
thick fog	300
"	500
"	1,000
"	2,000
"	4,000
"	7,000
"	12,000
"	20,000
"	30,000
"	40,000
"	50,000
"	60,000
"	70,000
"	80,000
"	90,000
"	100,000
"	110,000
"	120,000
"	130,000
"	140,000
"	150,000
"	160,000
"	170,000
"	180,000
"	190,000
"	200,000
"	210,000
"	220,000
"	230,000
"	240,000
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"	880,000
"	890,000
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"	970,000
"	980,000
"	990,000
"	1,000,000



## AIR MINISTRY.

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

Page 4.

BRITISH SECTION. *FRIDAY* *1<sup>st</sup> JULY* 1921.

No. 182.

STATIONS.	Observations at 0100 G.M.T. <i>1<sup>st</sup></i>													Observations at 0700 G.M.T. <i>1<sup>st</sup></i>												
	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-10	Height of Low Cloud. Feet	Cloud.			Sea.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-10	Height of Low Cloud. Feet	Cloud.			
			Direc.	Force						Form.	Amt.	Total Amt.				Direc.	Force						Form.	Amt.	Total Amt.	
																										0-12
Lerwick ...	1022.1	0	ESE	4	C+	46	97	7	-	Nb	3	A.Sr	8	1022.2	0	NNE	4	0	46	92	7	750	Sr	10	-	10
Stornoway ...	1026.4	0	ESE	3	0	*	*	6	*	*	*	*	*	1025.8	0	NNE	1	0	49	75	7	450	Sr	10	-	10
Wick ...	1023.6	-2	NNW	3	0	47	92	9	5750	Sr	10	-	10	1023.3	0	NNW	2	0	48	92	8	7250	Sr	10	-	10
Castlebay ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1023.7	0	NNE	3	0	53	85	9	-	Sr	7	-	10
Nairn ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1024.1	...	...	0	0	49	85	8	1500	Sr	10	-	10
Aberdeen ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1023.7	0	NW	4	0	48	85	8	-	Sr	10	-	10
Malin Head ...	1023.2	0	W	2	0	53	97	8	4000	Sr	10	-	10	1023.0	0	W	1	0	53	92	8	4000	Sr	10	-	10
Renfrew ...	1024.0	0	ESE	2	0	52	85	8	2500	Sr	10	-	10	1023.9	0	NNE	2	0	52	85	5	2500	Sr	10	-	10
Leith ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1023.3	0	ESE	2	0	50	75	9	-	Sr	9	-	9
Eskdalemuir ...	1024.0	0	Z	1	0+	47	85	7	4000	Sr	9	-	9	1023.6	0	NNE	2	0	48	85	8	2500	Sr	10	-	10
Tynemouth ...	1023.6	0	Z	2	0	50	75	8	5750	Sr	10	-	10	1023.4	0	NNW	2	0	51	75	8	5750	Sr	10	-	10
Blackod Point ...	1023.0	0	Z	2	0	53	85	6	450	Sr	10	-	10	1024.1	0	NNW	3	0+	52	75	7	-	Sr	10	-	10
Donaghadee ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1022.6	0	E	1	0	54	75	8	-	-	A.Sr	9	-
Birr Castle ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1023.3	...	Z	1	0+	50	97	3	450	Sr	10	-	10
Baldonnell ...	1022.8	0	E	1	bc+	48	92	5	-	-	-	-	-	1022.9	0	NNW	1	bc+	53	92	4	-	-	A.Sr	4	-
Holyhead <i>1022.0</i> ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1022.4	0	NNE	2	0+	58	92	7	4000	Sr	6	A.Sr	9
Liverpool (Bidston) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1021.4	0	SE	2	b	56	75	7	-	-	C.Sr	1	-
Manchester (Alex.Pk.) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1022.6	0	E	1	0	53	75	6	4000	Sr	10	-	10
Howden ...	1023.4	-1	...	0	0+	42	97	6	4000	Sr	6	A.Sr	9	1023.0	0	-	0	0	49	92	7	4000	Sr	6	A.Sr	10
Spurn Head ...	1022.9	0	Z	2	b+	51	75	9	2500	Sr	3	-	3	1022.4	0	NW	3	0	51	85	8	7250	Sr	10	-	10
Nottingham ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1023.3	...	E	1	0	50	92	4	2500	Nb	8	C.Sr	10
Cranwell ...	1024.1	0	Z	1	b	43	92	8	-	-	-	-	-	1023.7	0	NNW	1	0	50	85	8	2500	Sr	8	A.Sr	2
Gorleston ...	1022.2	0	NNW	2	0	52	97	8	4000	Sr	10	-	10	1022.0	0	Z	3	0	52	92	8	2500	Sr	8	-	8
Pulham ...	1022.7	0	...	0	bc	45	92	8	4000	Sr	5	-	5	1022.7	0	NNE	1	bc	53	85	9	4000	Cu	5	-	5
Felixstowe ...	1023.3	+1	NW	2	bc	47	92	5	4000	Sr	6	-	6	1023.7	+2	Z	2	0	52	75	8	2500	Sr	10	-	10
Valencia (Cahirciveen) ...	1023.6	+1	...	0	b+	56	...	6	...	...	...	...	...	1023.8	0	NNW	3	0+	56	85	9	1500	Sr	7	-	7
Roches Point ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1023.3	+1	NNW	2	b	59	85	8	-	-	-	0	-
Pembroke (St. Ann's H.) ...	1022.8	0	...	0	b+	54	92	8	-	-	-	-	-	1023.2	0	...	0	b	57	85	7	-	-	-	0	-
Ross-on-Wye ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1022.0	0	SE	2	b	58	75	1	-	-	-	A.Sr	1
Benson ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1022.0	+2	ESE	1	0+	55	85	8	-	Sr	10	-	10
S. Farnborough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1023.8	+2	SE	2	bc	52	85	7	2500	Sr	6	-	6
London (Kew) <i>0051</i> ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1023.0	+1	...	0	b	54	75	6	-	-	-	0	-
Croydon ...	1023.1	+2	...	0	0	48	92	8	2500	Sr	10	-	10	1023.6	+1	E	2	bc	56	65	8	2500	Sr	3	A.Sr	5
Clacton-on-Sea ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1023.1	0	NNW	2	0	51	75	7	7250	Sr	10	-	10
Shoeburyness ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1023.3	+1	ENE	1	0+	53	75	7	2500	Sr	10	-	10
Grain ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1023.3	+1	NNW	3	0	55	75	9	4000	Sr	6	A.Sr	8
Lympne ...	1022.6	+1	NNE	1	bc+	51	85	9	5750	Sr	4	C.Sr	6	1023.3	+2	NNE	2	0	52	75	9	4000	Sr	8	-	9
Scilly (St. Mary's) ...	1022.8	0	...	0	b+	58	97	8	4000	Sr	2	-	2	1022.6	0	W/S	1	b	60	97	8	4000	Cu	2	-	2
Falmouth ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1023.1	0	W	2	b	62	85	8	-	Sr	1	-	1
Plymouth ...	1022.4	0	...	0	b	52	97	8	-	-	-	-	-	1022.9	+1	...	0	b	58	85	7	-	-	-	0	-
Portland Bill ...	1022.5	+2	SW	3	b+	58	92	8	-	-	-	-	-	1023.1	+2	SW	3	b	59	92	8	-	-	-	A.Sr	3
Calshot ...	1023.3	+2	SE	3	bc	56	85	8	4000	Sr	5	-	5	1023.6	0	S	3	0	59	75	8	4000	Sr	4	A.Sr	10
Dungeness ...	1022.4	+1	NE	3	bc+	55	97	9	-	-	-	-	-	1022.8	+2	Z	4	0+	55	75	9	2500	Sr	5	A.Sr	8
Jersey (Guernsey Is.) ...	1023.0	+3	NNE	2	b	55	85	9	-	-	-	-	-	1023.7	+1	E	3	b	59	75	8	-	-	-	0	-

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR *30<sup>th</sup> JUNE*

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night	Day	Sunrise to 17h.	Sunrise to Sunset.		Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night	Day	Sunrise to 17h.	Sunrise to Sunset.
					17h-9h.	9h-17h.								17h-9h.	9h-17h.		
					mm.	mm.	hr.	hr.									
					24 <sup>th</sup> 30 <sup>th</sup>	30 <sup>th</sup>	30 <sup>th</sup>	29 <sup>th</sup>					24 <sup>th</sup> 30 <sup>th</sup>	30 <sup>th</sup>	30 <sup>th</sup>	29 <sup>th</sup>	
Banff ... ..	oc	ado	53	47	-	-	0.4	0.1	Paignton ... ..	b, bc	bc	65	53	mm	mm	hr.	hr.
Montrose ... ..	bcc	c	62	45	-	-	1.8	12.2	Ilfracombe ... ..	b, bc, b	b	66	55	-	-	10.1	14.1
									Bude ... ..	bc, bc	b	71	53	-	-	10.4	14.5
Llandudno ... ..	cc, b	bc	70	50	-	-	7.6	14.8	Penzance ... ..	bc	bc	66	54	-	-	9.5	8.0
Oswyn Bay ... ..	b	b	68	47	-	-	10.6	14.6	Torquay ... ..	bcc, b	b, bc	65	57	-	-	8.0	14.3
Rhyl ... ..	bcc, bc	cbcc	68	47	-	-	9.4	14.3	Weymouth ... ..	bc	bc	70	52	-	-	7.8	12.3
Southport ... ..	c	bc	67	48	-	-	9.5	14.8	Bournemouth ... ..	b	b	67	50	-	-	9.1	13.3
Blackpool ... ..	cc	c	58	47	-	-	0.5	8.3	Portsmouth (S' thea) ... ..	bc	bc	67	50	-	-	7.3	14.6
Warrington ... ..	b, o	bbcc	58	51	-	-	2.3	3.6	Worthing ... ..	c	c	66	51	-	-	4.6	13.5
Stagshaw ... ..	c	c	65	54	-	-	12.0	15.5	Brighton ... ..	o	cc, bc	62	51	-	-	1.2	14.1
Baryetwyth ... ..	cc, bc	b, bc	69	48	-	-	3.5	13.5	Eastbourne ... ..	o	cc	60	50	-	-	0.3	15.0
Bath ... ..	o	o	64	46	-	-	2.5	15.4	Hastings ... ..	o	o	62	52	-	-	0.6	14.1
Leamington Spa ... ..	cc	cc	56	50	-	-	1.3	1.3	Folkestone ... ..	o	cc, bc	65	47	-	-	2.7	14.3
Lewes ... ..	o	o	64	50	-	-	0.7	14.4	Tunbridge Wells ... ..	c	c	59	51	-	-	1.6	13.3
Felixstowe ... ..	o	bc	66	46	-	-	3.2	12.8	Ramsgate ... ..	c	c	59	51	-	-	0.7	12.4
Southend ... ..									Margate ... ..	c, bc	bc	63	54	-	trace	1.7	13.9
									Deal ... ..								





## AIR MINISTRY.

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

BRITISH SECTION.

No. B.24772

SATURDAY, 2nd July 1921.

Page 1.

STATIONS.	Observations at 1300 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.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			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Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.			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\* Information for these stations not usually received.

† The barometric change is expressed in half millibars.

‡ For code see page 3.

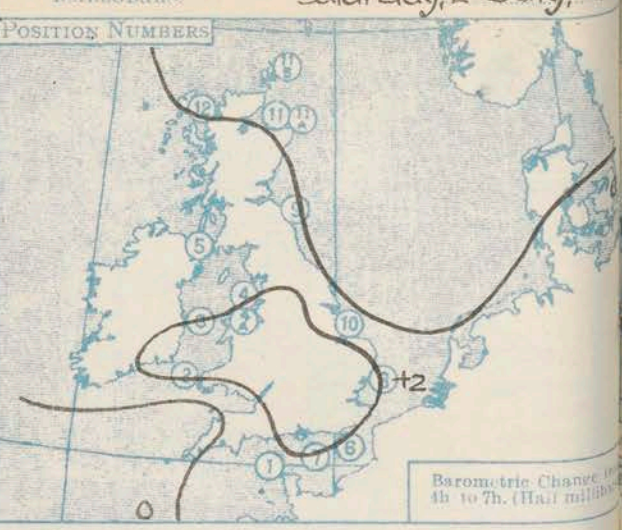


SUMMARIES FOR THE PAST 24 HOURS.

IN ALL OTHERS.

Saturday, 2nd July, 1921.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN.
	7h-13h.	13h-18h.	18h-1st.	1st-7h.	MAX. Day.	MIN. Night.	MIN. on GRASS.	Day.	Night.	Precipitation began.	
Lerwick	bc	bc	oo	oo	53	46	*	-	-	-	7.9
Stornoway	c	c	c	oo	55	46	*	-	-	-	11.6
Wick	oo	c	oo	oo	54	45	*	-	-	-	4.0
Castlebary	cbc	bc	b.o	b	58	49	*	-	-	-	0.24
Nairn	cg	cbc	bc. w	c	59	39	45	trace	-	-	7.4
Aberdeen	oo	oo	c	c	54	48	*	-	-	-	12.8
Malin Head	bc	bc	oo	oo	57	52	*	-	-	-	8.6
Renfrew	bc	bc	bc. c. b	c. b. m	70	43	33	-	-	-	9.6
Leith (INCHKEITH)	bc	c	bc	bc	60	50	42	-	-	-	9.5
Eskdalemuir	c	bc	bc	bc	66	37	33	-	-	-	13.1
Tynemouth	c	bc	bc	bc	56	48	*	-	-	-	9.4
Blackad Point	c	bc	c	oo	60	52	*	-	-	-	2.2
Donsghades	bc	bc	bc	bc	60	49	*	-	-	-	1.8
Birr Castle	c	bc	bc	c	71	45	39	-	-	-	2.3
Baldonnell	bc	bc	bc	bc	70	46	42	-	-	-	1.3
Holyhead	bc	bc	bc	bc	64	48	33	-	-	-	2.1
Liverpool (Bidston)	c	bc	bc	bc	64	48	41	-	-	-	5.9
Manchester (Alex. Pk.)	oo	oo	oo	oo	65	41	36	-	-	-	9.3
Howden	oo	c	bc	bc	60	35	2	-	-	-	14.8
Spurn Head	oo	c	bc	bc	58	50	*	-	-	-	12.0
Nottingham	oo	oo	c	c	64	40	38	trace	-	-	8.9
Cranwell	p	oo	bc	bc	59	41	35	0.1	1100	-	7.8
Gorleston	id	omd	c	id	58	54	46	trace	trace	1230	*
Pulham	oo	oo	c	oo	59	40	32	-	-	-	4.2
Felixstowe	c	oo	c	oo	63	46	*	-	-	-	7.7
Valencia (Cahirciveen)	bc	bc	bc	bc	61	49	41	-	-	-	2.4
Roches Point	bc	bc	bc	bc	71	54	*	-	-	-	7.2
Pembroke (St. Ann's H.)	bc	bc	bc	bc	65	54	*	-	-	-	13.3
Ross-on-Wye	bc	bc	bc	bc	78	45	38	-	-	-	13.5
Benson	c	c	bc	bc	73	40	32	-	-	-	14.6
S. Farnborough	oo	c	bc	bc	73	42	38	-	-	-	7.4
London (Kew)	bc	bc	bc	bc	71	48	38	-	-	-	13.3
Croydon	bc	bc	bc	bc	68	43	37	-	-	-	13.5
Orleton-on-Sea	o	co	og	bc	61	46	43	-	1	-	2.4
Shoeburyness	bc	c	o	o	69	53	37	-	-	-	7.2
Grain	bc	c	p	p	68	45	30	trace	-	-	13.3
Lympne	bc	bc	bc	bc	63	48	40	trace	1200	-	13.3
Seilly (St. Mary's)	bc	bc	bc	bc	70	35	*	-	-	-	13.5
Falmouth	b	bc	bc	bc	76	53	45	-	-	-	14.6
Plymouth	bc	bc	bc	bc	70	56	46	-	-	-	7.4
Portland Bill	c	bc	bc	bc	62	55	*	-	-	-	13.3
Calshot	oo	bc	bc	bc	66	53	48	-	-	-	13.3
Dungeness	bc	bc	bc	bc	63	49	*	-	-	-	13.3
Jersey	b	b	b	c	67	36	*	-	-	-	13.3



Position Number	7	6
Date	2nd	2nd
Time G.M.T.	0258	0215
Sea ° F	54	57
Air ° F	58	58

GENERAL INFERENCE.

Under the influence of an anticyclone off the West of Ireland the weather will be fine generally over the United Kingdom for the next few days with high temperatures inland and 14° winds mainly from a Northerly direction.

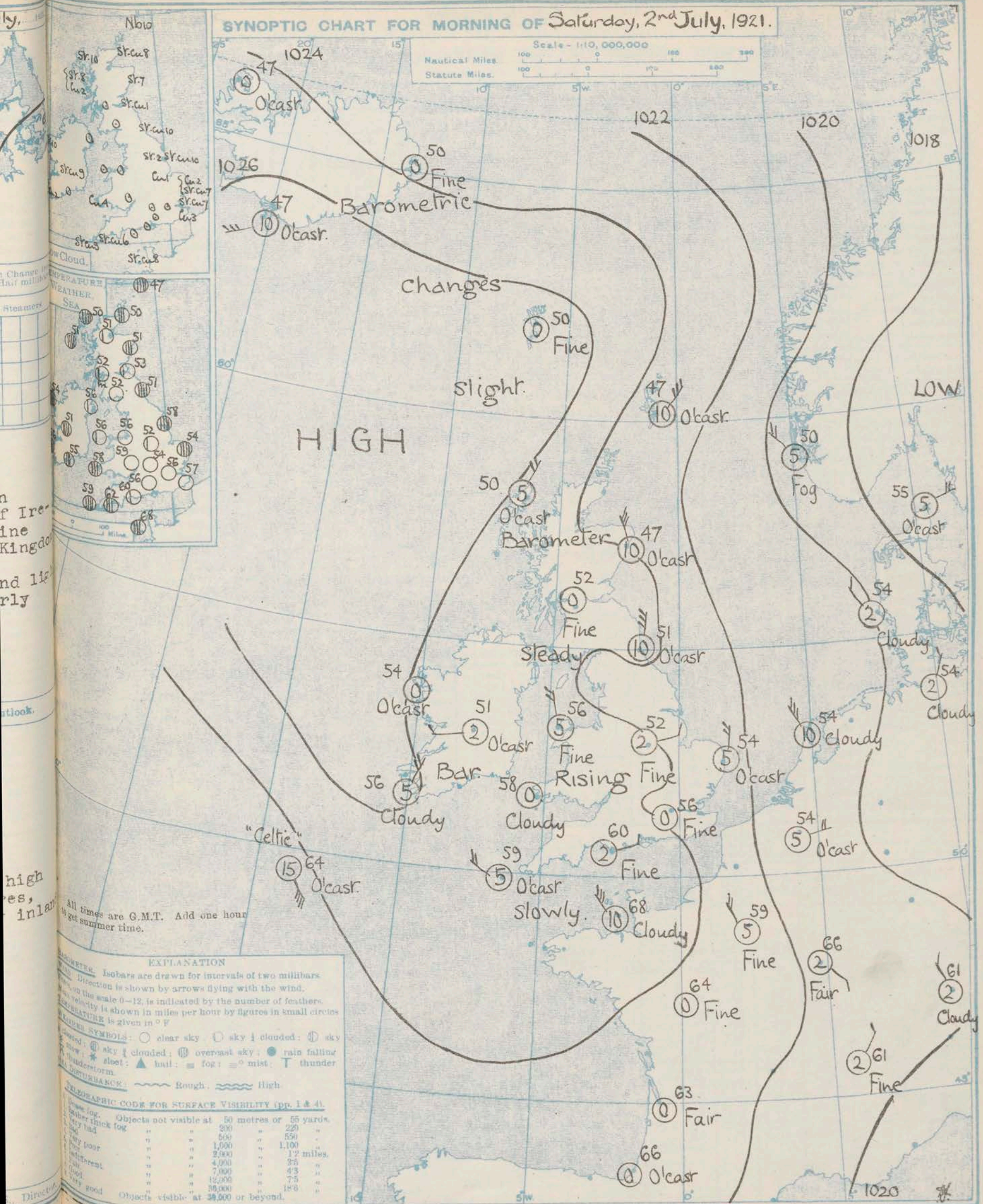
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday 2nd. July, 1921.	Further Outlook.
1. S.E. England	Light winds mainly from a Northerly direction; fine; visibility good; high temperature inland.	Fine with high temperatures, especially inland.
2. E. England		
3. E. Midlands		
4. W. 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		

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

Forecasts issued at 08.50 GMT.

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







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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.21.773

Sunday, 3<sup>rd</sup> July 1921.

Page 1.

STATIONS.	Observations at 1300 G.M.T. 2 <sup>nd</sup>														Observations at 1800 G.M.T. 2 <sup>nd</sup>																			
	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.			Sea.	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.			Sea.								
			Direc.	Force						Form.	Amt.	Total Amt.				Direc.	Force						Form.	Amt.	Total Amt.									
																											0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10
Lerwick ...	1023.0	0	NE	4	0	49	92	7	-	Nb	10	-	10	1023.4	+1	NE	4	0	49	85	7	7250	Nb	10	-	10	3							
Sornoway ...	1026.2	0	NE	2	c-	57	65	8	4000	Cu	8	Ci	7	1026.5	+2	N	2	bc-	53	75	8	4000	Cu	3	A cu	4	1							
Wick ...	1023.5	0	NNE	3	b	56	85	9	4000	Cu	2	Ci	3	1024.6	+1	NW	2	0	51	92	9	7250	St cu	9	-	9								
Castlebay ...	1026.5	+1	NW	4	c	53	85	7	7250	St	8	-	8	1026.8	0	NNW	4	bcv	55	75	9	7250	St	2	Ci St	5	3							
Nairn ...	1023.9	0	N	2	b-	63	35	8	-	-	-	-	0	1024.4	0	ENE	1	bc	58	5	9	-	-	-	0	0								
Aberdeen ...	1023.9	0	N	2	b-	63	35	8	-	-	-	-	0	1024.4	0	SE	2	b	55	75	8	-	-	-	0	0								
Malin Head ...	1026.3	+2	N	2	C+	54	97	9	4000	St cu	7	A cu	8	1026.6	0	NNW	3	at	53	92	9	5750	St cu	10	-	10	1							
Bentfrew ...	1023.2	-1	SW	1	at	65	55	8	4000	St cu	6	Ci St	7	1023.4	+1	WSW	3	c	64	75	9	4000	St	7	-	7	0							
Leith (McKELTH) ...	1023.2	+2	ENE	2	b	61	75	9	-	-	-	-	1	1023.2	0	E	4	c+	57	75	9	-	-	Ci St	3	0								
Eska Dalemuir ...	1024.6	0	SW	2	0+	68	55	8	4000	St cu	10	-	10	1022.8	0	SSW	2	0-	65	65	7	4000	St cu	9	-	9	1							
Tynemouth ...	1024.5	+1	ENE	2	b	59	75	8	-	-	-	-	0	1023.5	0	E	1	b	56	75	8	-	-	-	0	1								
Blackhead Point ...	1026.9	+1	N	2	0-	59	75	8	450	St	10	-	10	1027.1	+2	N'E	1	0	56	75	9	-	-	-	Ci St	10	1							
Donaghadee ...	1026.0	+1	NE	2	C+	60	65	8	4000	Cu	7	-	7	1024.8	0	NE	3	bc-	68	75	8	-	-	A cu	4	3								
Birr Castle ...	1025.6	0	W	1	c-	65	75	7	2500	Cu	7	-	7	1025.7	0	NW	1	c	65	75	7	-	-	A cu	7	0								
Raldonnell ...	1025.6	0	WSW	1	fo-	62	85	5	1500	St	10	-	10	1024.9	0	-	0	0	65	65	7	4000	St cu	9	-	9	0							
Holyhead ...	1026.3	+1	NNW	3	bc	62	85	8	4000	Cu St	2	Ci	4	1025.2	0	NNW	2	0+	60	85	8	4000	St cu	8	Ci St	10	1							
Liverpool (Bidston) ...	1024.7	+1	NW/W	2	b	64	55	7	2500	St cu	1	-	1	1024.3	0	NW	3	b	62	65	8	-	-	Ci	3	4								
Manchester (Alex.Pk.) ...	1023.6	0	WSW	4	bc	73	45	8	2500	St cu	5	-	5	1023.8	+1	NW	3	b+	66	55	8	-	-	Ci	2	0								
Rowden ...	1024.0	0	N	3	b	64	75	7	4000	St cu	1	Ci	2	1023.4	0	E	3	b-	63	75	8	4000	St cu	2	A St	3	0							
Spurn Head ...	1024.8	+1	N	3	c-	59	65	8	4000	Cu	5	A cu	8	1024.8	0	NE	3	b	57	85	9	-	-	-	0	1								
Nottingham ...	1023.2	0	ENE	2	bc+	71	65	6	4000	Cu	4	Ci St	6	1023.2	0	E	1	bc	69	75	6	-	-	A cu	5	0								
Cranwell ...	1024.2	0	N'W	3	b	65	55	8	2500	Cu	3	-	3	1023.8	0	E'S	4	b	62	65	8	2500	Cu	2	-	2	0							
Gorton ...	1023.0	+1	N	4	0	59	92	8	7250	St cu	9	-	9	1023.3	0	NE	4	b-	57	8	7250	St cu	2	-	2	0								
Pulham ...	1024.0	+1	N'E	2	0	55	75	3	4000	St cu	10	-	10	1023.7	-1	-	0	b-	60	75	9	7250	St cu	1	-	1	0							
Feltham ...	1024.1	0	N	3	0	63	65	8	4000	St cu	9	-	9	1024.1	-1	NE'N	3	b-	62	65	9	-	-	Ci	1	0								
Valencia (Cahirevaen) ...	1026.2	+1	NW	4	b-	61	65	9	4000	St cu	1	Ci Cu	2	1026.4	0	NNW	5	b-	61	75	9	-	-	-	0	0								
Roshea Point ...	1025.8	0	S	2	c	64	75	8	-	-	-	Ci St	7	1025.5	0	NNW	3	b-	68	55	8	-	-	A cu	1	0								
Pembroke (St. Ann's H.) ...	1025.9	1	NW	2	bc	61	85	7	-	-	-	Ci St	6	1025.3	0	NW	2	bc	63	85	7	-	-	Ci St	6	1								
Rose-on-Wys ...	1023.4	-1	NW'N	3	bc+	73	45	7	4000	Cu	4	-	4	1022.5	-1	SSW	2	c+	73	55	6	8750	Cu	3	Ci	8	0							
Benson ...	1023.2	-1	NW	1	bc+	73	45	8	-	Cu	5	-	5	1022.3	-2	N	1	b	75	38	7	-	Cu	2	Ci	3	0							
S. Farnborough ...	1023.5	0	NNE	3	c	73	45	8	4000	Cu	6	A cu	7	1022.7	-1	W	4	0	72	55	8	4000	St cu	9	-	9	0							
London (New.Debey) ...	1023.5	-2	NNE	2	b	71	45	8	5750	Cu	3	-	3	1022.4	-1	N	2	bc	72	45	8	5750	Cu	4	A cu	5	0							
Croydon ...	1023.4	-1	N'E	2	bc	71	45	8	4000	Cu	5	-	5	1022.5	-1	NE	2	0+	72	45	8	4000	Cu	9	-	9	0							
Clacton-on-Sea ...	1024.0	0	SE	2	b-	66	55	7	4000	Cu	3	-	3	1023.6	-1	ESE	3	bc	60	75	8	4000	Cu	1	A St	4	0							
Shoeburyness ...	1024.1	0	ENE	3	bc-	64	65	8	4000	Cu	4	-	4	1024.0	0	ESE	1	b-	61	75	7	-	-	Ci	1	0								
Lympne ...	1023.8	0	N	2	c	64	65	8	2500	Cu	7	-	7	1023.8	0	E	4	b-	62	75	8	-	-	-	0	0								
Soilly (St. Mary's) ...	1024.9	0	WNW	1	c	65	85	8	4000	St cu	8	-	8	1024.8	0	NW	3	c-	62	85	8	4000	Cu	4	Ci	6	1							
Palmouth ...	1024.3	-1	WSW	3	b	71	55	8	-	St cu	2	Ci	4	1024.1	0	NNW	2	b-	68	65	7	-	St cu	1	Ci	2	0							
Plymouth ...	1024.2	0	SW	3	0	64	75	8	4000	St cu	9	-	9	1024.7	0	SSW	2	c+	64	85	8	4000	Cu	1	Ci St	8	0							
Portland Bill ...	1024.2	0	E	3	b	61	85	7	-	-	-	Ci Cu	3	1024.2	0	E	2	b	61	85	7	-	-	-	Ci Cu	2	0							
Calshot ...	1023.7	-1	SW'S	4	b	68	55	7	4000	Cu	1	Ci	2	1023.7	-1	SW'S	4	b-	62	85	8	-	-	-	Ci	2	0							
Dungeness ...	1023.8	0	NE	3	bc+	66	65	7	-	-	-	A Cu	5	1024.1	0	SE	2	b	69	85	7	-	-	-	A cu	2	2							
Jersey ...	1024.9	0	NW	3	c	67	65	8	-	-	-	A cu	7	1024.7	0	NW	2	c	63	85	8	-	-	-	A cu	8	3							

LONDON OBSERVATIONS.	WEATHER.			TEMPERATURE.			RAIN-FALL. Inches.	SUN-SHINE to Sunset. hrs.	HUMIDITY.		ATMOSPHERIC POLLUTION. Lbs. of Solid Impurity per million cubic yards.	SOLAR RADIATION. Vertical component per square centimetre.	POLE STAR RECORD at Greenwich Obsev.				
	Morn- ing.	After- noon.	Night.	Max. °F.	Min. °F.	Min. on Grass. °F.			15h. G.M.T.	9h. G.M.T.			Exposure from				
													to				
	24 HOURS ENDED 0900 G.M.T. 2 <sup>nd</sup>						YESTERDAY.	TO-DAY.	24 Hrs. ended 1800 G.M.T. 2 <sup>nd</sup>			During yesterday.	to				
Kew	b b z b y	b y c y b	b z b w b c	.	.	47	-	10.7	.	.	South Kensington			South Kensington.	to		
Croydon	b m i z b c	b c o z	b c m i z	.	.	50	-	.	.	.	Max. Time. Min. Time.			Total ..... joules	Stars.	Expo- sure.	Record.
Greenwich (Royal Obsev.)	b	b c c	b c o b	78	51	41	-	11.6	46	53	Average Rate			..... Milliwatts.	Polaris		
City (Parhill Row)	.	.	.	76	55	50	-	.	43	60	Kew Observatory			..... Milliwatts.	2 Ursaæ		
Westminster (St. James' Pk.)	.	.	.	.	.	.	-	11.5	.	.	Max. Time. Min. Time.			Maximum Rate	Minoris		
Regents Pk. (Botanical Gdns.)	.	.	.	79	54	50	.	.	44	58	..... Milliwatts.						
Camden Sq. (Brit. Rainfall)	b. b. c. b	.	.	75	52	49	.	.	45 (4h)	64							
Kensington Palace	b	b c	.	75	53	.	.	11.3	.	66							
Hamstead Observatory	.	.	.	.	.	.	.	.	.	.							

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

1921.

STATIONS.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 3.37	G.M.T. 11.57	G.M.T. 6.17
Greenwich	3.36	11.57	6.16
Wick	3.51	12.44	6.17
Valencia	3.14	12.16	9.12
	3.15	12.16	9.17
	4.26	12.45	9.2
	4.29	12.45	9.4

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).

bc sky partly cloudy (one half covered).

c generally cloudy (three-quarters covered).

d drizzle, or fine rain. f fog.

h hail. HQ fine squall. I lightning.

m mist. o overcast sky.

p passing showers. r rain.

rs sleet, i.e., rain and snow together.

s snow. t thunder.

a 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"; bc = cloud 0-5; cc = cloud 6-10.

Capital letters indicate intensity, and repetition of letters continuity, thus:—  
R = heavy rain.  
rr = continuous moderate rain.  
cc = continuous light rain.

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

SEA DISTURBANCE.

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

Beaufort No.

Statute miles per hour.

Metres per second.

0	Less than 1.	Less than 0.8
1	1-3	0.8-3.3
2	4-7	3.3-5.5
3	8-12	5.5-9.4
4	13-18	9.4-12.7
5	19-24	12.7-15.8
6	25-31	15.8-18.8
7	32-38	18.8-22.7
8	39-46	22.7-26.7
9	47-54	26.7-30.7
10	55-63	30.7-34.7
11	64-75	34.7-38.7
12	Above 75	38.7 or above

\* Information for these columns not usually received.

i The barometric change is expressed in half millibars.

For code see page 8



SUMMARIES FOR THE PAST 24 HOURS.												ISALLOBAR.		3 <sup>rd</sup> June	
STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SEA.	POSITION NUMBERS	Barometric Change 4h. to 7h. (Hail) millibars	Temperature reported from Cross Channel and Coastal Steamers	
	7h.-13h. 2nd	13h.-18h. 2nd	18h.-2nd to 1h. 3rd	1h.-7h. 3rd	MAX. Day. 7h.-13h.	MIN. Night. 13h.-7h.	MIN. on GRASS.	Day. 7h.-13h.	Night. 13h.-7h.	Precipitation began.					Hours.
Lerwick	oo	oo	oo	oo	49	46	.	-	-	-	10.9		Barometric Change 4h. to 7h. (Hail) millibars	Temperature reported from Cross Channel and Coastal Steamers	
Stornoway	c	barbc	c	oo	58	47	.	-	-	-	10.9				
Wick	barbc	barbc	oo	oo	57	46	.	-	-	-	8.8				
Castlebay	oo	obc	bco	oc	55	50	.	-	-	-	13.5				
Nairn	bbc	bbc	bcc	oo	67	47	.	-	-	-	12.8				
Aberdeen	barbc	barbc	bbeo	oo	64	49	48	-	-	-	11.6				
Malin Head	barbc	oo	c	c	71	47	40	-	-	-	7.0				
Renfrew	c	c	c	c	64	47	46	-	-	-	7.0				
Leith (Clinkethy)	barbc	barbc	c	c	58	46	45	-	-	-	6.1				
Eskdalemuir	c	oo	bcco	barbc	61	51	.	-	-	-	6.0				
Tynemouth	barbc	barbc	barbc	oo	60	52	.	-	-	-	6.1				
Blackod Point	oo	c	c	c	61	48	.	-	-	-	9.4				
Donaghadee	barbc	bc	bcm	cmq	68	48	45	-	-	-	1.5				
Birr Castle	c	c	c	c	66	50	37	-	-	-	12.9				
Baldonuell	form	bco	obcb	bco	63	53	49	-	-	-	13.4				
Holyhead	barbc	barbc	c	c	66	53	45	-	-	-	10.0				
Liverpool (Bidston)	barbc	barbc	b	b	74	45	40	-	-	-	9.7				
Manchester (Alex.Pk.)	barbc	barbc	b	b	59	50	.	-	-	-	9.7				
Howden	c	barbc	oo	c	72	48	43	-	-	-	12.9				
Spurn Head	oo	barbc	barbc	c	70	48	44	-	-	-	6.3				
Nottingham	barbc	barbc	b	bc	58	46	42	-	-	-	3.2				
Cranwell	barbc	barbc	c	c	66	44	.	-	-	-	7.7				
Gorleston	c	c	barbc	barbc	62	48	37	-	-	-	11.8				
Palham	oo	oo	barbc	barbc	70	50	.	-	-	-	10.9				
Felixstowe	oo	c	barbc	barbc	66	52	50	-	-	-	11.2				
Valencia (Cahirciveen)	barbc	barbc	barbc	barbc	74	51	43	-	-	-	11.1				
Roches Point	c	barbc	barbc	c	76	48	40	-	-	-	10.7				
Pembroke (St. Ann's H.)	c	c	barbc	c	78	49	44	-	-	-	10.3				
Ross-on-Wye	barbc	barbc	barbc	c	75	34	47	-	-	-	10.6				
Benson	barbc	c	barbc	c	66	54	38	-	-	-	10.8				
S. Farnborough	barbc	c	barbc	c	66	51	40	-	-	-	13.9				
London (Kew Obsy.)	barbc	c	barbc	c	67	56	.	-	-	-	4.3				
Croydon	barbc	c	barbc	c	73	55	51	-	-	-	8.5				
Clacton-on-Sea	c	bc	bc	bc	66	53	49	-	-	-	12.1				
Shoeburyness	c	barbc	b	bcc	68	54	38	-	-	-	12.3				
Grain	c	barbc	c	c	66	56	.	-	-	-	8.5				
Lympne	c	c	bbc	c	67	56	.	-	-	-	8.5				
Scilly (St. Mary's)	c	c	c	barbc	67	56	.	-	-	-	8.5				
Falmouth	cbay	bccz	b	b	73	55	51	-	-	-	8.5				
Plymouth	oo	c	barbc	barbc	66	53	44	-	-	-	12.1				
Portland Bill	barbc	barbc	barbc	barbc	64	56	.	-	-	-	12.3				
Calshot	barbc	c	oo	oo	70	53	50	-	-	-	8.5				
Dungeness	barbc	barbc	c	c	66	56	.	-	-	-	8.5				
Jersey	c	c	c	cb	68	50	.	-	-	-	8.5				

GENERAL INFERENCE.

The anticyclone centred to the West and North-West of these Islands will maintain fine weather generally - probably for the next few days with a rather high temperature and light winds mainly from the Northward.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday 3rd. July, 1921.	Further Outlook.
1. S.E. England	Wind light from some Northerly point; fair or fine generally. Visibility fair to good. Temperature rather high except at some coast stations.	Mainly fine 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		
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		

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

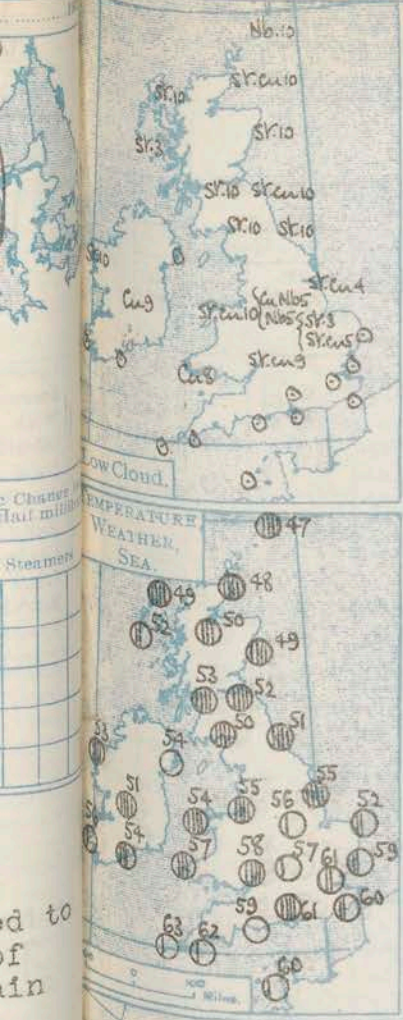
Forecasts issued at 7.15 p.m.

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



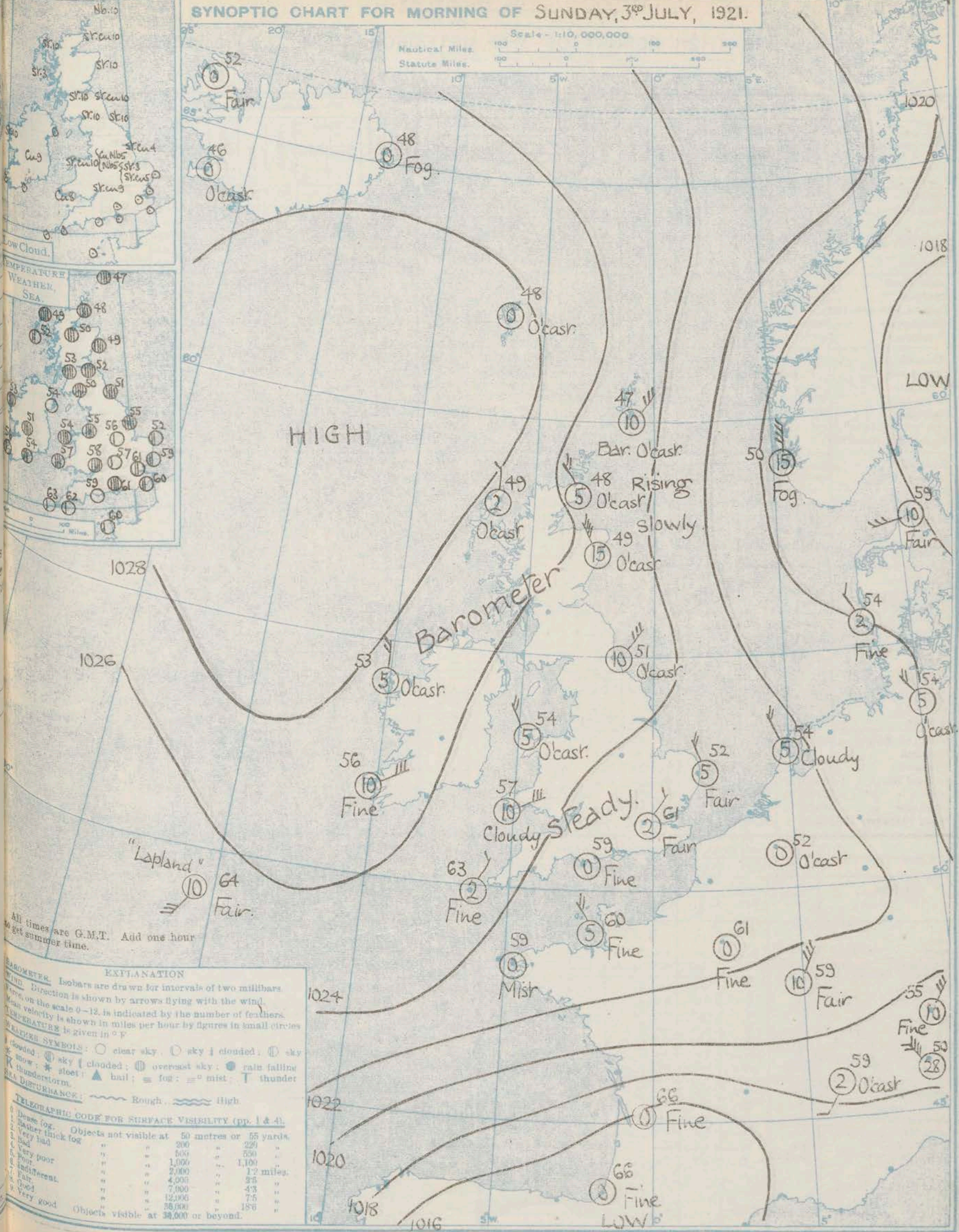
# SYNOPTIC CHART FOR MORNING OF SUNDAY, 3<sup>RD</sup> JULY, 1921.

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



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

## EXPLANATION

**BAROMETER.** Isobars are drawn for intervals of two millibars.  
**WIND.** Direction is shown by arrows flying with the wind.  
Force, on the scale 0-12, is indicated by the number of feathers.  
Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in °F.  
**WEATHER SYMBOLS:** ○ clear sky; ○ sky 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 (pp. 1 & 4).

	Objects not visible at	50 metres or 55 yards.
1. Dense fog.	"	200 "
2. Thicker fog.	"	500 "
3. Very bad fog.	"	1,000 "
4. Very poor fog.	"	2,000 "
5. Poor fog.	"	4,000 "
6. Indifferent fog.	"	7,000 "
7. Fair fog.	"	12,000 "
8. Good fog.	"	25,000 "
9. Very good fog.	"	30,000 or beyond.



# AIR MINISTRY.

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

Page 1.

BRITISH SECTION... Sunday, 3<sup>rd</sup> July, 1921.

No. 184.

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.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. Miles.	Height of Low Cloud. Feet.	Cloud.																
			Direc.	Force.						Form.	Amt.	Form.			Amt.	Direc.						Force.	Form.	Amt.	Form.	Amt.	Form.	Amt.										
																													0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10
Lerwick ...	10244	0	NE	4	0	47	85	7	-	Nb	10	10	10245	+2	NE	3	0	47	92	7	-	Nb	10	10														
Stornoway ...	10243	+2	NNE	1	0	47	85	7	-	Nb	10	10	10249	0	N	1	0	49	85	7	450	Sc	10	10														
Wick ...	10236	+1	NNW	3	0	48	92	8	3750	Sc	10	10	10259	+1	N	2	0	48	92	8	4000	Sc	10	10														
Castlebay ...	...	...	...	...	...	...	...	...	...	...	...	...	10272	0	NNW	2	0	52	95	8	5750	Sc	3	AS+														
Nairn ...	...	...	...	...	...	...	...	...	...	...	...	...	10262	0	ENE	1	0	50	90	8	1500	Sc	10	10														
Aberdeen ...	...	...	...	...	...	...	...	...	...	...	...	...	10257	+1	NNW	4	0	49	85	8	1500	Sc	10	10														
Malin Head ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...														
Renfrew ...	10249	+2	NE	1	bc	51	97	8	-	-	C.C.	6	10254	+1	-	0	0	53	92	7	1500	Sc	10	10														
Leith (Inchkeith) ...	...	...	...	...	...	...	...	...	...	...	...	...	10250	+2	SE	2	0	52	85	9	-	Sc	10	10														
Eskdalemuir ...	10242	+1	NE	2	0	53	75	7	4000	Cu	10	10	10252	0	NNE	2	0	50	85	8	2500	Sc	10	10														
Tynemouth ...	10247	0	ENE	1	bc	52	85	8	2200	Sc	6	6	10250	0	NE	3	0	51	75	8	4000	Sc	10	10														
Blackod Point ...	10264	+1	NNE	3	0	54	75	7	450	Sc	10	10	10272	0	N	2	0	53	85	8	450	Sc	10	10														
Donsghadee ...	...	...	...	...	...	...	...	...	...	...	...	...	10250	0	N	2	0	54	85	8	-	-	-	-														
Birr Castle ...	...	...	...	...	...	...	...	...	...	...	...	...	10263	0	NN	2	0	51	85	8	2500	Cu	9	9														
Baldonnell ...	10267	+2	SE	1	0	52	75	5	2500	Sc	9	9	10267	0	NNW	2	0	51	75	8	4000	Sc	10	10														
Holyhead ...	10250	0	NE	4	b	...	...	...	...	...	...	...	10255	0	NN	2	0	54	92	8	2500	Sc	10	10														
Liverpool (Bidston) ...	...	...	...	...	...	...	...	...	...	...	...	...	10247	0	NNW	2	0	55	75	8	800	Cu	1	1														
Manchester (Alex.Pk.) ...	...	...	...	...	...	...	...	...	...	...	...	...	10247	0	WSW	2	0	57	75	6	2500	Cu	1	1														
Howden ...	10241	0	-	0	0	52	92	6	2500	Sc	6	AS+	10244	+1	NE	1	0	54	92	8	4000	Sc	4	ACu														
Spurn Head ...	10248	0	NE	2	b	51	85	9	2500	Sc	2	2	10248	0	N	3	0	55	75	8	7500	Sc	10	10														
Nottingham ...	...	...	...	...	...	...	...	...	...	...	...	...	10238	0	E	1	0	56	92	6	-	-	-	-														
Cranwell ...	10245	0	NNW	1	bc	51	92	8	2500	Sc	4	AS+	10242	0	NE	2	0	55	75	8	2500	Sc	8	8														
Gorleston ...	10234	0	NN	2	b	46	97	8	750	Sc	3	3	10231	0	NNW	2	0	52	85	8	-	-	-	-														
Pulham ...	10237	0	-	0	b	38	97	8	-	-	-	0	10236	0	NE	1	0	55	85	9	5750	Cu	1	1														
Felixstowe ...	10238	0	N'E	2	b	46	92	8	-	-	-	0	10237	0	NNE	2	0	56	85	8	-	-	-	-														
Valencia (Cabrero) ...	10272	+2	NNW	2	bc	55	...	6	-	-	C.C.	4	10268	0	E	3	0	56	75	9	-	-	-	-														
Roche Point ...	...	...	...	...	...	...	...	...	...	...	...	...	10266	0	NNE	2	0	54	75	8	-	-	-	-														
Pembroke (St. Ann's H.) ...	10254	0	N	1	b	54	85	8	-	-	-	0	10247	0	ENE	3	0	57	92	8	5750	Cu	8	8														
Ross-on-Wye ...	...	...	...	...	...	...	...	...	...	...	...	...	10239	+1	NNE	2	0	58	75	7	5750	Sc	9	9														
Benson ...	...	...	...	...	...	...	...	...	...	...	...	...	10232	+1	E	1	0	57	85	5	-	-	-	-														
S. Farnborough ...	...	...	...	...	...	...	...	...	...	...	...	...	10228	0	WSW	1	0	61	75	6	-	-	-	-														
London (Wey. Obs.) ...	10233	0	-	...	57	...	...	...	...	...	...	...	10231	0	NE	1	0	61	75	6	-	-	-	-														
Croydon ...	10233	0	S	2	b	54	92	8	-	-	ACu	2	10230	0	NE	2	0	60	75	6	-	-	-	-														
Glaiston-on-Sea ...	...	...	...	...	...	...	...	...	...	...	...	...	10233	0	ENE	2	0	59	85	8	4000	Cu	2	ACu														
Shoeburyness ...	...	...	...	...	...	...	...	...	...	...	...	...	10229	0	-	0	0	61	75	7	2500	Sc	8	8														
Grain ...	...	...	...	...	...	...	...	...	...	...	...	...	10231	0	-	0	0	59	85	8	5750	Sc	10	10														
Lymington ...	10239	+1	E	1	C+	52	85	8	5750	Sc	8	8	10231	0	-	0	0	57	85	7	4000	Sc	9	C.C.														
Scilly (St. Mary's) ...	10253	0	NNW	1	b	57	92	8	-	C.Nb	3	3	10254	0	NNE	1	0	63	75	7	-	-	-	-														
Falmouth ...	...	...	...	...	...	...	...	...	...	...	...	...	10240	0	NNW	4	0	62	85	7	-	-	-	-														
Plymouth ...	10244	-1	-	0	b	56	85	7	-	-	AS+	2	10237	0	N	1	0	59	75	8	-	-	-	-														
Portland Bill ...	10242	0	W	0	b	58	92	8	-	-	-	0	10242	0	-	0	0	59	92	8	-	-	-	-														
Calshot ...	10233	0	W	2	0	56	92	8	4000	Sc	9	9	10228	-1	NN	2	0	59	85	7	-	-	-	-														
Dungeness ...	10235	-1	S	1	bc	57	85	9	-	-	AS+	3	10231	-1	-	0	0	60	85	7	-	-	-	-														
Jersey (Guernsey H.) ...	10244	0	WSW	1	b	58	92	9	-	-	C.C.	1	10231	0	NN	2	0	60	85	8	-	-	-	-														

### WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 2<sup>nd</sup> JULY

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night 17h.-3h. 2nd.	Day 3h.-12h. 2nd.	Sunrise to 17h. 2nd.	Sunrise to Sunset. 1st.		Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night 17h.-3h. 2nd.	Day 3h.-12h. 2nd.	Sunrise to 17h. 2nd.	Sunrise to Sunset. 1st.
					mm.	mm.	hr.	hr.	Paignton ...	bcb	b	72	53	-	-	9.9	10.7
Barf ...	ccbc	bcb	55	48	-	-	6.7	1.7	Ilfracombe ...					-	-	8.4	11.8
Montrose ...	b	b	65	35	-	-	8.8	4.4	Bude ...	b	b	67	54	-	-		
									Penzance ...	bcb	bcc	70	53	-	-	4.3	13.4
Llandudno ...	b	b	66	46	-	-	12.4	10.6	Torquay ...	bcb	bcb	70	56	-	-	11.4	10.6
Dolwyn Bay ...	b	b	66	49	-	-	12.1	2.9	Weymouth ...	b	b	73	53	-	-	11.0	9.2
Rhyl ...	b	b	65	45	-	-	11.7	14.9									
Southport ...	b	b	65	46	-	-	12.0	14.6	Bournemouth ...	b	bcb	68	50	-	-	9.5	12.6
Blackpool ...	b	b	66	45	-	-	10.6	12.7	Portsmouth (S'thca) ...	b	b	70	52	-	-	11.8	12.3
Harrogate ...	b	bcb	70	40	-	-	9.8	4.2	Worthing ...	b	b	67	50	-	-	11.1	8.1
Skegness ...	ccc	obv	59	46	-	-	3.7	4.7	Brighton ...	b	bcb	64	52	-	-	11.3	4.3
									Eastbourne ..	b	b	64	51	-	-	11.2	
Aberystwyth ...	bcb	bcb	65	47	-	-	10.5	10.6									
Bath ...	b	b	75	48	-	-	7.2	3.5	Hastings ...	bcb	b	67	52	-	-	12.2	4.6
Leamington Spa ..	b	b	75	58	-	-	10.0	6.9	Folkestone ...								
Lowestoft ...	cc	bcb	59	49	0.1	-	2.1	1.3	Tunbridge Wells ...	b	b	73	46	-	-	9.4	6.8
Felixstowe ...	b	b	65	46	-	-	4.7	1.1	Ramsgate ...	b	b	59	50	-	-	9.7	4.8
Southend ...	acbc	b	73	47	-	-	9.2	4.2	Margate ...	c	b	62	56	-	-	7.6	3.5
									Deal ...	bcb	b	66	48	0.1	-	11.0	10.0

\* Information for these columns not usually received

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

‡ For code see page 5.

§ See footnote page 1.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B. 21774

MONDAY, 4<sup>th</sup> JULY

1921.

Page 1.

STATIONS.	Observations at 1300 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	Height of Low Cloud. Feet	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.			Sea.			
			Direc.	Force						Form.	Amt.	Total Form.			Total Amt.	Direc.						Force	Form.	Amt.		Total Form.	Total Amt.	
Lerwick	1022.5	0	NE	3	0	49	85	7	-	-	-	Ci:St	10	1025.8	0	NE	4	0	48	86	7	-	-	A. sk.	10	3		
Stornoway	1025.1	0	N	2	0	52	73	7	800	Sc	10	-	10	1027.4	-1	NNE	6	bc	53	88	8	4000	Cu	4	5	4		
Wick	1026.6	+1	N	2	0	50	92	8	5750	Sc	10	-	10	1026.6	0	NNW	2	0	51	95	8	5750	Sc	10	-	10		
Castellbay	1027.2	0	NNW	4	c	56	75	7	7250	St	7	A. sk.	8	1026.3	0	NW	4	bc	55	75	8	-	Sc	2	A. sk.	4	3	
Nairn	1026.3	+1	NN	3	bc	57	65	8	2500	Cu	3	A. sk.	4	1026.5	0	ENE	2	bc	55	75	8	-	-	-	-	-	-	
Aberdeen	1026.3	+1	NN	3	bc	57	65	8	2500	Cu	3	A. sk.	4	1026.3	0	NW	3	0+	51	92	8	1500	St	10	-	10	0	
Malin Head	1024.6	-2	-	0	c	68	55	7	2500	Cu	8	-	8	1028.7	-1	NE	2	bc	67	65	7	2500	CuNb	4	-	4	0	
Renfrew	1025.4	-1	ESE	3	bc	58	75	9	-	Cu	1	Ci:St	3	1025.1	+1	ESE	3	b	59	75	9	-	-	-	Cu	1	2	
Leith (WCHKEITH)	1024.7	0	EN	2	c	60	65	7	4000	Cu	7	-	7	1024.5	0	ENE	3	b	60	65	7	-	-	-	-	0	0	
Reddalemuir	1025.1	0	NNE	3	0	53	75	8	5750	Sc	10	-	10	1025.1	0	NNE	3	b	53	75	8	2500	CuNb	3	-	3	3	
Typemonth	1025.1	0	NNE	3	0	53	75	8	5750	Sc	10	-	10	1025.1	0	NNE	3	b	53	75	8	2500	CuNb	3	-	3	3	
Blackod Point	1025.3	0	N	3	b	59	65	8	-	-	-	Ci:Cu	1	1024.5	-1	N	2	b	59	75	8	-	-	-	Ci:Cu	1	3	
Donaghadee	1025.6	-1	NW	2	bc	65	75	7	-	-	0	A. Cu	4	1024.9	-1	NW	1	bc	69	75	6	-	-	0	A. Cu	4	0	
Birr Castle	1026.0	-1	NW	2	bc	61	65	8	4000	Sc	9	-	9	1024.9	-1	EN	2	b	64	65	8	-	-	-	-	0	0	
Baldonnell	1025.4	0	NNW	3	bc	62	85	8	2500	Cu	3	-	4	1024.8	-1	NW	3	b	59	92	8	2500	Cu	1	-	1	1	
Holyhead	1024.6	0	NW	2	b	61	65	8	-	-	-	-	0	1023.4	-1	NW	2	b	61	65	9	-	-	-	-	0	3	
Liverpool (Bidston)	1023.8	-1	W	3	c+	68	55	6	4000	CuNb	9	-	9	1022.8	-1	WNW	3	0+	68	55	8	2500	Nb	8	A. sk.	9	0	
Manchester (Alex. Pk.)	1024.4	0	N	4	c	61	85	8	2500	Sc	7	-	7	1024.0	0	N'E	4	b	59	75	8	2500	St	1	A. sk.	2	0	
Howden	1024.6	0	NN	3	c	58	92	8	5750	Cu	8	-	8	1022.8	-1	N	5	c	55	75	9	5750	Sc	8	-	8	1	
Spurn Head	1023.1	0	ENE	2	bc	71	65	6	4000	Cu	5	Ci:St	6	1022.8	-1	ENE	2	b	67	75	6	4000	Cu	1	-	1	0	
Nottingham	1023.9	0	NNE	3	0+	65	85	8	2500	Sc	10	-	10	1023.4	-1	NNE	4	b	64	65	7	4000	Cu	1	-	1	0	
Cranwell	1023.1	0	NE	4	0+	59	92	8	-	Sc	5	Ci:St	10	1022.8	-1	NE	4	c	57	95	8	5750	Sc	8	-	8	1	
Gorleston	1023.1	0	N	1	c+	65	65	9	4000	Nb	4	A. Cu	8	1022.9	0	N	3	0	58	75	9	2500	Sc	9	-	9	0	
Pulham	1023.8	0	ENE	3	b	60	75	9	4000	Cu	1	-	1	1023.1	-1	NE	2	bc	58	75	8	4000	Sc	6	-	6	1	
Felixstowe	1024.0	-2	NNW	3	b	67	55	9	5750	St	1	Ci	2	1024.9	-1	WNW	3	b	64	65	9	-	-	-	-	0	0	
Valencia (Cabreroiveen)	1026.0	-1	SSE	2	b	62	65	9	4000	Cu	1	-	1	1026.5	-1	SW	2	b	62	75	8	-	-	-	Cu	1	0	
Roche Point	1024.7	0	N	3	b	64	75	9	5750	Cu	1	-	1	1023.7	-1	N	3	b	58	85	9	-	-	-	-	0	1	
Pembroke (St. Ann's H.)	1022.9	-1	NNE	3	c	72	45	8	4000	Cu	8	-	8	1021.5	-1	ENE	3	b	71	55	7	-	-	-	-	0	0	
Ross-on-Wye	1021.8	-1	NNE	1	bc	75	45	7	-	Cu	5	-	5	1021.4	-1	NE	3	bc	72	45	7	-	-	Cu	5	-	5	0
Benson	1021.9	-1	ENE	3	bc	74	55	7	5750	Cu	6	-	6	1021.4	-1	-	0	0	68	65	8	1500	Nb	10	-	10	0	
S. Farnborough	1022.3	-1	NE	2	bc	72	45	6	5750	Cu	6	-	6	1021.6	0	NE	3	c	69	55	8	5750	Cu	7	A. Cu	8	0	
London (Ken. Obs.)	1022.4	-1	NE	3	0	71	45	8	5750	Sc	7	A. Cu	10	1021.9	0	E	3	0	68	55	9	2500	Sc	8	A. Cu	10	0	
Croydon	1023.3	0	SE	2	b	64	65	8	7500	Cu	2	-	2	1022.9	-1	ESE	3	b	59	75	7	4000	Cu	3	-	3	0	
Clacton-on-Sea	1023.3	0	EN	3	b	63	65	9	5750	Sc	2	-	2	1023.1	0	E	3	b	59	75	8	4000	Cu	2	-	2	0	
Shoeburyness	1022.8	0	SSE	3	bc	65	75	8	4000	Cu	3	Ci:St	4	1022.7	-1	E	4	0+	59	75	8	5750	Sc	6	A. sk.	10	0	
Grain	1022.8	0	SSE	3	bc	65	75	8	4000	Cu	3	Ci:St	4	1022.4	-1	NE	3	c+	59	75	9	4000	Sc	7	-	7	0	
Lymington	1023.6	0	N'E	1	b	69	65	8	-	-	-	Ci	2	1023.0	0	N'E	2	bc	62	85	8	2500	Cu	5	-	5	2	
Scilly (St. Mary's)	1023.0	0	N	4	b	71	55	7	-	Cu	1	-	1	1022.0	-2	N	4	b	68	55	7	-	-	-	-	0	0	
Falmouth	1022.7	0	S	3	b	60	75	8	4000	Cu	2	-	2	1021.8	-1	SSW	1	bc	64	85	8	5750	Sc	4	-	4	0	
Plymouth	1023.0	-2	-	0	b	65	92	8	-	-	-	Ci:Cu	1	1021.8	-3	SW	3	b	62	92	8	-	-	-	-	0	2	
Portland Bill	1022.3	-1	ESE	4	c+	66	85	6	5750	CuNb	9	-	9	1021.5	-1	ESE	3	0+	65	85	7	5750	Sc	10	-	10	0	
Calshot	1023.1	0	WSW	1	b	64	75	7	4000	Cu	4	-	4	1021.9	-1	ENE	3	b	60	75	9	-	-	-	Ci:Cu	3	3	
Dungeness	1022.8	0	NW	2	b	69	75	8	-	-	-	Ci:Cu	1	1021.5	-1	N	3	b	66	65	8	-	-	-	-	0	3	
Jersey																												

LONDON OBSERVATIONS.				WEATHER.			TEMPERATURE.			RAIN-FALL. Inches. & tenths.	SUN-SHINE to Sunset. hrs.	HUMIDITY.		ATMOSPHERIC POLLUTION. Lbs. of Solid Impurity per million cubic yards.	SOLAR RADIATION. Vertical component per square centimetre.	POLE STAR BEARING at Greenwich Obsy.																																																																																															
Morn- ing.	After- noon.	Night.	Max. °F.	Min. °F.	Mean on Grass °F.	15h. G.M.T.	9h. G.M.T.	Exposure from 3.30 to 6.30 p.m. to 4.15 0.7 5.30 m.																																																																																																							
24 HOURS ENDED 0000 G.M.T. 4																YESTERDAY.		TO-DAY.		24 HR. ended 1800 G.M.T. 3		During yesterday.		South Kensington.																																																																																							
24 hour ended 0700																South Kensington		South Kensington.		Total 14.74 Joules.		Stars.			Expo- sure.			Record.																																																																																			
Greenwich (Royal Obsy.)																Max.		Time.		Min.		Time.		Average Rate		Polaris			h. m. h. m. %																																																																																		
City (Berkhill Row) ..																7.6		4.4		7.4		24.9 Milliwatts.		J. Urse			5.0 4.35 92																																																																																				
Westminster (St. James' Pk.)																6.3		5.1		7.3		Maximum Rate		8.5 Milliwatts.			Athorpe			5.0 4.18 86																																																																																	
Regents Pk. (Botanical Gdns.)																6.4		5.1		7.3		Max.		Time.		Min.		Time.		Mar. 1886		Mar. 1886																																																																															
Oxford Sq. (Brit. Rainfall)																50 (18)		76		74		Max.		Time.		Min.		Time.		Mar. 1886		Mar. 1886																																																																															
Kensington Palace																7.7		7.7		7.4		Max.		Time.		Min.		Time.		Mar. 1886		Mar. 1886																																																																															
Hampstead Observatory																7.7		7.7		7.4		Max.		Time.		Min.		Time.		Mar. 1886		Mar. 1886																																																																															
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.																BRAUFOUR NOTATION OF WEATHER.																THE BRAUFOUR 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.																Beau- fort No.																Statute miles per hour.																Metres per second.																															
A 65 July																b blue sky (not more than a quarter covered).																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: -bcfr= fair weather after rain; i= intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0.5; cc = cloud 0.10.																0 = no swell } Calm or 1 = mod. swell } slight 2 = heavy swell } sea. 3 = no swell } Moderate 4 = mod. swell } sea. 5 = heavy swell } rough 6 = rather rough sea. 7 = rough sea. 8 = very rough sea. 9 = mountainous sea.																Less than 1.																Less than 1.																															
STATIONS.																c generally cloudy (three-quarters covered).																Capital letters indicate intensity, and repetition of letters continuity, thus:- R = heavy rain. rr = continuous moderate rain. rco = continuous light rain.																12																Above 75																33.6 or above																															
Sunrise																d drizzle, or fine rain. f fog.																																																																																															
Noon																e rain. h hail. KQ hail squall. l lightning.																																																																																															
Sunset																m mist. o overcast sky.																																																																																															
G.M.T.																p passing showers. r rain.																																																																																															
G.M.T.																rs sleet, i.e., rain and snow together.																																																																																															
G.M.T.																s snow. t thunder.																																																																																															
G.M.T.																z dust haze; the turbid atmo- sphere of dry weather.																																																																																															
G.M.T.																																																																																																															
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ISALLOBARS

Monday, 4<sup>th</sup> July, 1911

POSITION NUMBERS

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

## GENERAL INFERENCE

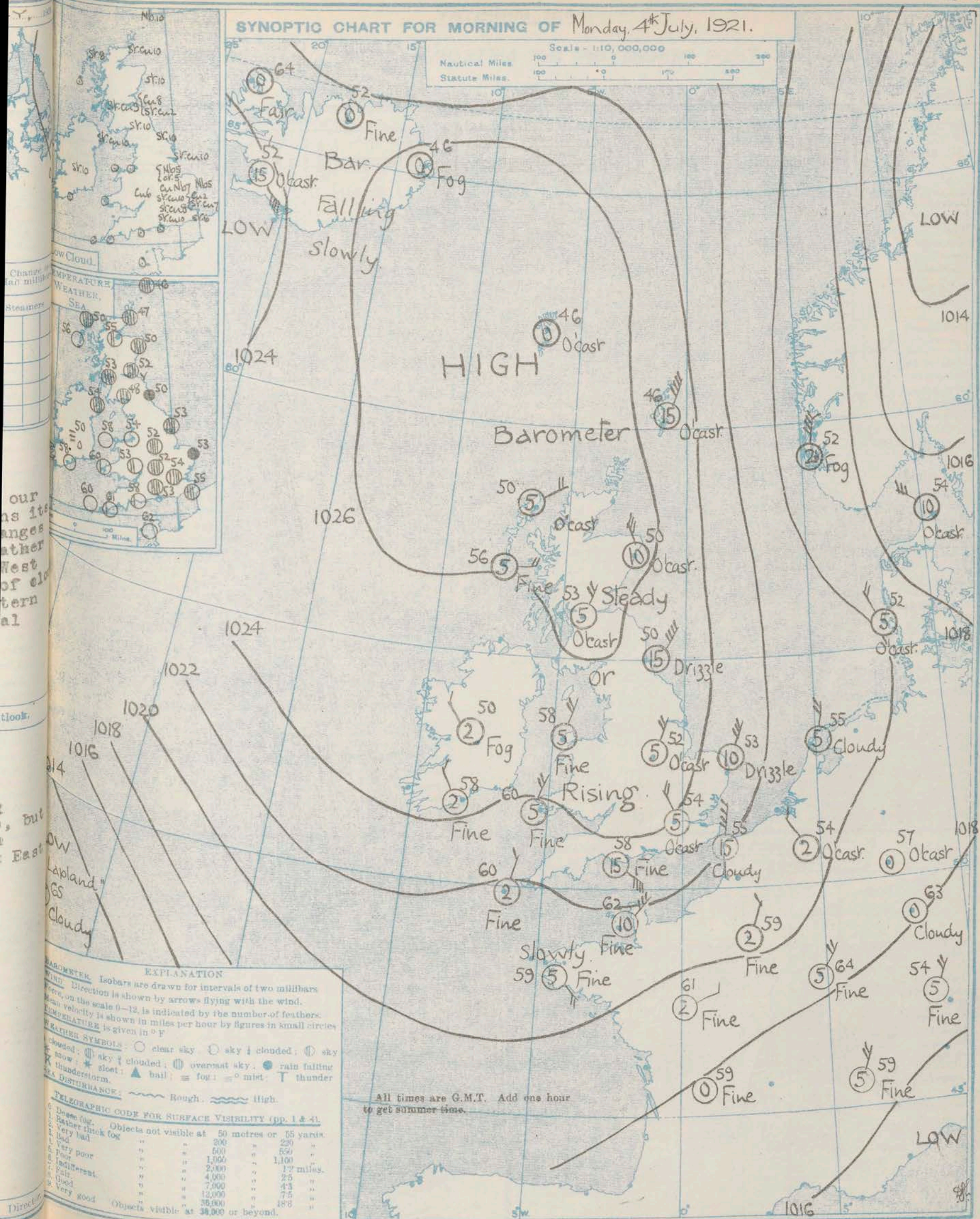
### Farther Outlook

Continuing  
mainly fine, but  
slight rain  
possible on East  
Coast.



# SYNOPTIC CHART FOR MORNING OF Monday, 4<sup>th</sup> July, 1921.

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



## 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 & 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 (pp. 1 & 4).

0	Down fog.	Objects not visible at 50 metres or 55 yards.
1	Rain or thick fog.	" " " " " "
2	Very bad.	" " " " " "
3	Bad.	" " " " " "
4	Very poor.	" " " " " "
5	Poor.	" " " " " "
6	Indifferent.	" " " " " "
7	Fair.	" " " " " "
8	Good.	" " " " " "
9	Very good.	" " " " " "
		Objects visible at 30,000 or beyond.

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, 4<sup>th</sup> July

1921.

No. 185

STATIONS.	Observations at 0100 G.M.T.														Observations at 0700 G.M.T.													
	Barom. at M.S.L. in b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-8	Height of Low Cloud. Feet	Cloud.			Barom. at M.S.L. in b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-8	Height of Low Cloud. Feet	Cloud.						
			Direc.	Force						Form.	Amt.	Direc.			Force	Form.						Amt.						
																							Low.	Upper	Total	Low.	Upper	Total
Lerwick ...	1014.1	0	NE	2	00	45	91	6	7200	Nb	10	-	10	1025.5	0	NE	4	0+	46	92	7	7200	Nb	10	-	10		
Stornoway ...	1018.3	0	NE	4	0	*	*	*	*	*	*	*	*	1027.2	0	ENE	2	0-	50	85	7	800	St	9	-	9		
Wick ...	1026.8	0	NNW	2	0	47	92	9	5700	St.Cu	10	-	10	1026.6	0	NNW	2	0	47	92	8	5700	St.Cu	10	-	10		
Castlebay ...														1026.0	0	E	2	0	56	75	8			0	-	0		
Nairn ...														1027.1	0		0	49	51	8	8			0	-	0		
Aberdeen ...														1026.8	+1	NNW	3	0	50	85	8	1500	St	10	-	10		
Malin Head ...	1022.9	+1	SSW	3	dodo	57	97	4	450	Sk.	10	-	10	1022.9	0	S	1	0-	58	97	8	4000	Sk	8	-	8		
Renfrew ...	1026.3	+2	NE	3	C+	51	88	8	2500	St.Cu	7	-	7	1026.5	0	NE	2	0-	53	75	7	1500	St.Cu	9	-	9		
Leith ...														1026.0	0	SE	2	0V	52	85	9			10	-	10		
Eskdalemuir ...	1026.5	0	NNE	2	0+	47	85	6	1500	St.Cu	10	-	10	1026.8	+1	NE/N	2	0	48	85	6	2500	St	10	-	10		
Tynemouth ...	1025.7	0	N	3	0	51	85	8	5700	St.Cu	10	-	10	1025.7	0	NE	4	0d	50	85	7	2500	St	10	-	10		
Blacksod Point ...														1025.2	+1	SE	1	0-	54	85	8	4000	St.Cu	10	-	10		
Donsghadee ...														1024.4	0	NW	1	fo-	50	97	3	450	St	10	-	10		
Birr Castle ...														1025.2	0	ENE	2	0+	56	85	8	4000	Cu	7	-	7		
Baldonnell ...	1025.1	0	ENE	2	b-	51	92	7			0	-	0	1024.2	+1	NE/N	2	0	58	92	7			0	-	0		
Holyhead ...	1024.1	0	N'E	3	b	*	*	8						1025.2	+1	E	2	0	54	65	5			0	-	0		
Liverpool (Bidston) ...	1024.1													1025.3	+2	ENE	2	0	53	75	7	4000	St.Cu	7	-	7		
Manchester (Alex.Pk.) ...																												
Howden ...	1025.1	0	N'E	3	0	51	92	6	4000	St.Cu	10	-	10	1025.3	+1	ESE	2	0/r	51	92	6	4000	St	10	-	10		
Spurn Head ...	1023.4	0	N	5	0	53	85	9			0	A.Sc	10	1024.2	+1	NNE	5	0	53	75	9	5700	St.Cu	10	-	10		
Nottingham ...														1025.1	0	NNE	2	0+	52	85	5	2500	CuNb	7	C.St	10		
Cranwell ...	1024.8	0	NNE	3	0	51	75	8	2500	St	10	-	10	1025.2	0	NNE	3	0d	50	85	8	1500	Nb	10	-	10		
Gorleston ...	1022.1	-1	NNE	4	0d	51	97	8	4000	St.Cu	10	-	10	1023.0	0	N'E	3	0d	53	97	6	2500	Nb	5	C.St	10		
Pulham ...	1022.7	-2	NW	1	0	52	85	7	2500	St.Cu	10	-	10	1022.9	+2	NNW	1	0	53	92	8	2500	St.Cu	10	-	10		
Felixstowe ...	1023.5	0	N	3	0	52	85	8	4000	St.Cu	10	-	10	1023.2	+1	N'W	3	0/r	54	85	8	2500	St.Cu	10	-	10		
Valencia (Cahirciveen) ...														1023.8	0	NE	1	by	64	85	9			0	C	1		
Roches Point ...														1024.8	0	NW	1	0	58	85	7			0	-	0		
Pembroke (St. Ann's H.) ...	1023.6	0		0	b+	53	92	8	5700	Cu	2	-	2	1023.7	+1	NE	2	0	60	85	7			0	A.Cu	2		
Ross-on-Wye ...														1024.7	+2	ENE	4	0+	53	75	7	4000	Cu	6	-	6		
Beneon ...														1024.3	+2	NNE	2	0	52	85	8			10	-	10		
S. Farnborough ...														1024.1	+1	NNE	3	0	53	85	8	1500	St.Cu	10	-	10		
London ...	1023.4	+1												1024.0	+1	NNW	2	0	54	75	8	4000	St.Cu	8	A.St	10		
Croydon ...	1023.3	+1	E	3	b-	53	75	8	4000	St.Cu	2	A.Cu	3	1024.0	+1	N	4	0	53	85	8	1500	St	10	-	10		
Clacton-on-Sea ...														1022.8	0	NNW	3	0+	54	85	7	1500	St.Cu	7	-	7		
Shoeburyness ...														1023.3	0	NNW	3	0	56	75	8	4000	St.Cu	8	-	8		
Grain ...														1023.0	0	N'W	4	0V	56	75	9	4000	St.Cu	8	-	8		
Lympe ...	1022.8	-1	NE	2	C	48	91	8	4000	St.Cu	8	-	8	1022.6	0	N	4	0V	53	85	9	1500	St	10	-	10		
Scilly (St. Mary's) ...	1023.4	0	NNE	2	b	56	92	8			0	-	0	1021.9	-1	NNE	1	0	60	85	8			0	-	0		
Falmouth ...														1022.0	0	NNW	1	0	61	85	7			0	-	0		
Plymouth ...	1021.2	0	N	2	b	58	85	8			0	-	0	1022.2	+1	NE	2	0	61	85	8			0	-	0		
Portland Bill ...	1021.8	0	NNW	3	b	58	92	8			0	-	0	1023.2	+2	E'S	4	0	58	92	8			0	C.Cu	2		
Calshot ...	1021.5	0	E'S	4	0-	60	85	8	4000	St.Cu	9	-	9	1024.1	+3	NNE	3	0	56	75	8			0	-	0		
Dungeness ...	1022.4	0	ENE	1	b	55	92	9			0	-	0	1022.1	0	N	4	0+	55	85	9	5700	CuNb	7	-	7		
Jersey (Guernsey Is.) ...	1022.2	+1	NNW	2	b	54	85	8			0	-	0	1021.7	0	ENE	3	0	62	85	8			0	-	0		

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 3<sup>rd</sup> July

		WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.				WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.	
STATIONS.		Fore-noon.	After-noon.	Max. Day.	Min. Night.	Night 17h-24h.	Day 0h-17h.	Sunrise to 17h.	Sunrise to Sunset.			Fore-noon.	After-noon.	Max. Day.	Min. Night.	Night 17h-24h.	Day 0h-17h.	Sunrise to 17h.	Sunrise to Sunset.
						17h-24h.	0h-17h.	hr.	hr.							17h-24h.	0h-17h.	hr.	hr.
Banff ... ..	...	o c o	o	53	48	-	-	0.1	8.0	Paignton ... ..	...	b	b	72	51	-	-	12.2	11.4
Ilfracombe ... ..	...	b	b	63	42	-	-	11.7	10.8	Ilfracombe ... ..	...	b	b	66	54	-	-	12.0	11.4
Bude ... ..	...	b	b	63	42	-	-	11.7	10.8	Bude ... ..	...	b	b	69	64	-	-	11.8	10.5
Penzance ... ..	...	b	b	63	42	-	-	11.7	10.8	Penzance ... ..	...	b	b	75	56	-	-	11.1	6.4
Torquay ... ..	...	b	b	63	42	-	-	11.7	10.8	Torquay ... ..	...	b	b	72	54	-	-	12.4	12.3
Weymouth ... ..	...	b	b	63	42	-	-	11.7	10.8	Weymouth ... ..	...	b	b	73	54	-	-	10.0	12.1
Llandudno ... ..	...	b b c	b b c	64	52	-	-	9.6	17.0	Bournemouth ... ..	...	b b c	b b	76	53	-	-	8.0	10.0
Colwyn Bay ... ..	...	b	b	63	52	-	-	9.5	14.1	Portsmouth (St. Helen's) ... ..	...	b	b	69	52	-	-	5.7	12.3
Rhyl ... ..	...	b	b	63	54	-	-	10.3	13.5	Worthing ... ..	...	b	b	67	57	-	-	5.4	12.1
Southport ... ..	...	b	b	64	53	-	-	11.0	14.1	Brighton ... ..	...	c	c	66	59	-	-	6.2	11.0
Blackpool ... ..	...	c b c	b	61	52	-	-	6.4	12.0	Eastbourne ... ..	...	b c	b c	66	53	-	-	6.2	11.0
Harrogate ... ..	...	o b c b	b b c	62	50	-	-	6.2	10.9	Hastings ... ..	...	b b c	b b c	66	53	-	-	7.3	11.3
Skegness ... ..	...	b b c	b v	60	44	-	-	3.2	5.9	Folkestone ... ..	...	b c	b c	67	52	-	-	11.4	4.4
Aberystwyth ... ..	...	b b c	c o	76	52	-	-	7.5	7.2	Tunbridge Wells ... ..	...	b	b c	73	50	-	-	6.5	12.3
Bath ... ..	...	b b c	c o	76	52	-	-	7.5	7.2	Ramsgate ... ..	...	b	b	63	51	-	-	12.3	8.2
Leamington Spa ... ..	...	c	o	75	53	-	-	6.5	10.0	Margate ... ..	...	b	b	66	55	-	-	12.1	
Lowestoft ... ..	...	b	o	62	46	-	-	11.6	7.5	Deal ... ..	...								
Felixstowe ... ..	...	b	o	62	46	-	-	11.6	7.5										
Southend ... ..	...	c b c b	b b c	70	56	-	-	8.2	10.5										

\* Information for these columns not usually received

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

‡ For code see page 8.

§ See footnote page 1.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B.21.775

TUESDAY, 5<sup>th</sup> JULY, 1921.

Page 1.

STATIONS.	Observations at 1300 G.M.T.														Observations at 1800 G.M.T.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	Barom. at M.S.L. Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. Miles.	Height of Cloud. Feet.	Cloud.			Barom. at M.S.L. Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. Miles.	Height of Cloud. Feet.	Cloud.			Barom. at M.S.L. Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. Miles.	Height of Cloud. Feet.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		Direc.	Force						Form.	Amt.	Direc.		Force	Form.						Amt.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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m.b.	0-12	0-12	0-12	0-12	0-12	0-12	0-12	0-10	0-10	0-10	m.b.	0-12	0-12	0-12	0-12	0-12	0-12	0-12	0-10	0-10	0-10	m.b.	0-12	0-12	0-12	0-12	0-12	0-12	0-12	0-10	0-10	0-10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Lerwick	1026.0	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-	Ac	9	0	NE	3	54	85	8	-	-	-</

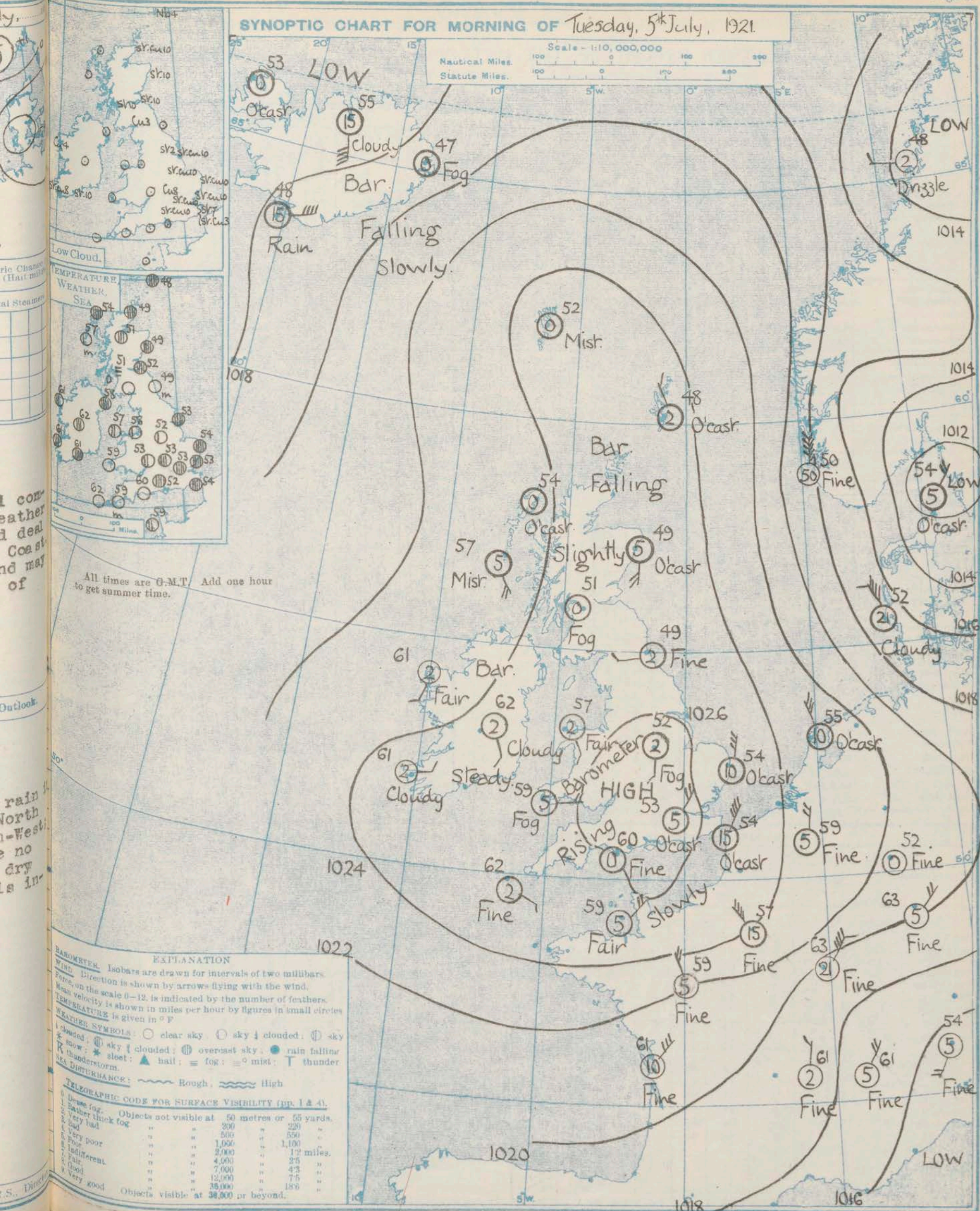
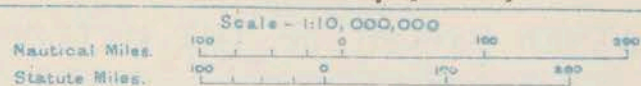


SUMMARIES FOR THE PAST 24 HOURS.												IN ALLOPARS.															
STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN.	POSITION NUMBERS															
	7h-13h.	13h-19h.	19h-5h.	5h-11h.	MAX. Day.	MIN. Night.	MIN. on GRADES.	Day.	Night.	Precipitation began.																	
Lerwick	...	...	...	...	53	45	...	...	...	...	12.2	<p>Barometric Change 4h to 7h. (Hail min)</p> <p>Temperature reported from Cross Channel and Coastal Steamers</p> <table border="1"> <tr> <td>Position Number</td> <td>3</td> <td>Y</td> </tr> <tr> <td>Date</td> <td>4th</td> <td>5th</td> </tr> <tr> <td>Time G.M.T.</td> <td>015</td> <td>230</td> </tr> <tr> <td>Sea °F</td> <td>54</td> <td>57</td> </tr> <tr> <td>Air °F</td> <td>59</td> <td>58</td> </tr> </table> <p>GENERAL INFERENCE.</p> <p>The anticyclone will continue to maintain dry weather but there will be a good deal of cloud along the East Coast. A depression near Iceland may cause rain in the North of Scotland.</p>	Position Number	3	Y	Date	4th	5th	Time G.M.T.	015	230	Sea °F	54	57	Air °F	59	58
Position Number	3	Y																									
Date	4th	5th																									
Time G.M.T.	015	230																									
Sea °F	54	57																									
Air °F	59	58																									
Stornoway	...	...	...	...	53	44	...	...	...	...	12.2																
Wick	...	...	...	...	51	46	...	...	...	...	13.0																
Castlebay	...	...	...	...	52	52	...	...	...	...	11.5																
Nairn	...	...	...	...	60	45	...	...	...	...	7.5																
Aberdeen	...	...	...	...	60	47	...	...	...	...	8.5																
Malin Head	...	...	...	...	58	52	...	...	...	...	10.4																
Renfrew	...	...	...	...	71	46	36	...	...	...	8.7																
Leith (INCHKEITH)	...	...	...	...	61	50	46	...	...	...	...																
Eskdalemuir	...	...	...	...	66	38	32	...	...	...	...																
Tynemouth	...	...	...	...	57	44	...	...	...	...	...																
Blacksd Point	...	...	...	...	63	50	...	...	...	...	...																
Donaghadee	...	...	...	...	63	49	...	...	...	...	10.5																
Birr Castle	...	...	...	...	77	51	42	...	...	...	14.4																
Baldonnell	...	...	...	...	68	45	41	...	...	...	15.3																
Holyhead	...	...	...	...	69	51	41	...	...	...	12.5																
Liverpool (Bidston)	...	...	...	...	68	50	45	...	...	...	...																
Manchester (Alex.Pk.)	...	...	...	...	65	36	31	...	...	...	...																
Howden	...	...	...	...	57	33	26	...	...	...	0.0																
Spurn Head	...	...	...	...	56	52	...	...	...	...	...																
Nottingham	...	...	...	...	61	44	44	...	...	...	0.5																
Cranwell	...	...	...	...	61	47	40	...	...	...	0.4																
Gorleston	...	...	...	...	57	52	50	0.1	...	...	0.0																
Fulham	...	...	...	...	56	50	49	0.1	...	...	0.0																
Felixstowe	...	...	...	...	60	50	...	...	...	...	0.1																
Valencia (Cahirciveen)	...	...	...	...	69	51	43	...	...	...	15.0																
Roches Point	...	...	...	...	65	54	...	...	...	...	14.3																
Pembroke (St. Ann's H.)	...	...	...	...	69	55	...	...	...	...	12.8																
Ross-on-Wye	...	...	...	...	72	41	33	...	...	...	...																
Benson	...	...	...	...	66	37	...	...	...	...	...																
S. Farnborough	...	...	...	...	68	42	36	...	...	...	8.0																
London (Kew Obs.)	...	...	...	...	64	52	48	...	...	...	6.2																
Croydon	...	...	...	...	62	50	44	...	...	...	...																
Clacton-on-Sea	...	...	...	...	59	51	50	...	...	...	0.4																
Shoeburyness	...	...	...	...	60	50	48	...	...	...	0.3																
Grain	...	...	...	...	60	50	45	...	...	...	0.2																
Lympne	...	...	...	...	57	50	49	0.1	...	...	0.4																
Scilly (St. Mary's)	...	...	...	...	71	55	...	...	...	...	14.2																
Falmouth	...	...	...	...	67	51	45	...	...	...	14.3																
Plymouth	...	...	...	...	72	49	43	...	...	...	12.8																
Portland Bill	...	...	...	...	64	54	...	...	...	...	...																
Calshot	...	...	...	...	68	50	44	...	...	...	14.0																
Dungeness	...	...	...	...	61	54	...	...	...	...	13.7																
Jersey	...	...	...	...	...	...	...	...	...	...	...																

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 5th July, 1921.	Further Outlook.
1. S.E. England	Wind light Northerly; cloudy at first, then fine; visibility good; somewhat warmer.	Perhaps rain extreme North and North-West; otherwise no break in dry weather is indicated.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales		
7. North Wales		
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. E. Scotland	Wind Southerly or variable, light; fair to cloudy; visibility fair to good; warm.	
12. S.W. Scotland		
13. Isle of Man		
14. N. & N.W. Scotland		
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		

As for 3 - 10.







10

10

1

† See footnote page 1.

Low

11







## AIR MINISTRY.

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

BRITISH SECTION.

No. B.21/76

WEDNESDAY, 6<sup>th</sup> JULY 1921.

Page 1.

STATIONS.	Observations at 1800 G.M.T. 5th														Observations at 1800 G.M.T. 5th													
	Barom. at M.S.L. Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.			Sea.	Barom. at M.S.L. Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.			Sea.				
		Direc.	Force						Form.	Amt.	Form.			Amt.	Direc.						Force	Form.	Amt.		Form.	Amt.		
																											0-10	0-10
m.b.	0-12							0-10		0-10	0-9	m.b.	0-12							0-10		0-10	0-9					
Lerwick	1023.0	-1	NE	1	0	50	85	8	-	-	A.Sk.	10	*	1023.3	-1	W	1	0	50	85	8	5750	Skw	10	-	10	0	
Stornoway	1022.0	-2	SE	4	0	59	85	8	800	Sk	10	10	*	1021.6	-3	SSE	2	0	60	85	8	450	Sk	10	-	10	0	
Wick	1023.0	-1	SSE	2	0	52	92	8	4000	Skw	7	A.Sk.	10	*	1022.4	0	SSE	2	0	51	97	8	5750	Skw	10	-	10	0
Castlebay	1022.9	0	SW	3	ffo	59	75	8	7250	Sk	10	-	10	*	1022.9	0	SW	2	fo	56	92	8	450	Sk	10	-	10	1
Nairn	1023.0	0	SW	3	ffo	59	75	8	7250	Sk	10	-	10	*	1021.9	-1	NNE	1	c	56	*	*	*	*	*	*	*	*
Aberdeen	1023.7	-2	SSE	3	bc	59	75	7	-	-	-	-	-	1022.9	-1	S'E	3	o	53	85	7	1500	Sk	10	-	10	0	
Malin Head	1023.5	0	W	2	bc	64	97	8	-	-	0	Ci	4	*	1022.9	0	W	1	C+	64	97	7	-	0	Agw	7	0	0
Renfrew	1023.7	-2	SW	3	c	72	55	7	2500	Skw	7	-	7	*	1022.8	-1	WSW	2	c	70	65	7	5750	Skw	4	Agw	8	0
Leith (Inchkeith)	1023.8	-4	ESE	1	ffo	57	85	7	-	-	-	-	6	*	1021.0	-2	WSW	4	C+	63	85	7	-	2	Agw	8	3	0
Bakdalemuir	1023.8	-2	SW	3	c	69	65	6	2500	Cu	5	Ci	8	*	1022.6	-2	SW	3	c	66	55	6	4000	Cu	6	Agw	8	0
Tynemouth	1024.1	-1	SSE	2	b	61	65	7	-	-	-	-	2	*	1023.2	-2	S	2	b	60	75	8	-	-	-	2	3	0
Blacksod Point	1023.2	+1	SW	3	bc	68	65	8	2500	Cu	4	-	4	*	1023.1	0	SW	2	C+	63	85	8	1500	Sk	8	-	8	1
Donaghadee	1023.5	-2	S	2	b	66	65	8	7250	CuNb	2	Cu	3	*	1022.3	-1	SW	2	C+	67	55	8	5750	CuNb	7	-	7	1
Birr Castle	1024.0	0	SW	1	C+	76	75	7	2500	Skw	8	-	8	*	1023.2	0	SW	1	c	77	65	6	2500	Skw	5	Ci	8	0
Baldonnell	1024.5	-1	ESE	1	bc	75	45	8	4000	Cu	2	Ci	4	*	1023.3	-1	SSW	2	C-	74	55	8	5750	Cu	3	Agw	7	0
Holyhead	1025.4	-1	SW	4	b	68	75	8	-	-	-	-	3	*	1024.4	-2	SW/S	3	b	67	75	8	-	-	-	-	3	1
Liverpool (Bidston)	1025.0	-1	NW	1	bc	70	45	7	5750	-	-	Ci	4	*	1024.2	0	NW	2	b	67	55	6	-	-	-	-	0	3
Manchester (Alex.Pk.)	1024.9	-2	W	2	bc	75	35	8	4000	Skw	1	Ci	6	*	1023.7	-1	NW	3	b	73	35	6	-	-	-	-	1	0
Howden	1024.9	-3	W/S	1	b	72	65	6	-	-	-	A.Sk.	2	*	1023.1	-2	SSE	2	bc	72	65	6	5750	Skw	2	Agw	8	0
Spurn Head	1025.2	0	ENE	3	b	62	65	9	-	-	-	-	3	*	1023.4	-1	ESE	4	b	60	75	9	-	-	-	-	2	1
Nottingham	1025.0	0	SSE	1	b	73	45	6	-	-	-	-	3	*	1023.9	0	S	1	b	74	35	6	-	-	-	-	3	0
Crawwell	1025.4	-2	NE	1	b	70	45	8	-	-	-	-	2	*	1023.8	-2	SE/E	4	bc	71	45	8	-	-	-	-	5	0
Gorleston	1025.3	+1	NE	4	b	58	85	8	7250	Cu	2	-	2	*	1024.9	0	NE/E	2	b	58	92	9	-	-	-	-	1	0
Pulham	1025.4	-1	-	0	b	65	55	9	-	-	-	-	1	*	1025.2	+1	ESE	2	b	63	75	9	-	-	-	-	3	0
Felixstowe	1026.2	-1	E	3	b	60	65	8	-	-	-	-	0	*	1026.1	0	S	2	b	58	92	7	-	-	-	-	1	1
Valencia (Cahirciveen)	1024.7	0	S'E	4	b	71	55	8	4000	Cu	1	-	1	*	1024.4	0	S	3	b	68	65	8	-	-	-	-	2	0
Roches Point	1024.0	0	SSW	2	c	68	75	6	300	Skw	7	-	7	*	1025.8	0	SSW	2	b	66	85	7	-	-	-	-	1	0
Pembroke (St. Ann's H.)	1024.4	0	SE	2	fb	62	85	7	-	-	-	-	0	*	1025.7	-1	SSE	2	fb	63	92	7	-	-	-	-	0	2
Ross-on-Wye	1025.1	-2	ESE	2	b	72	45	8	-	-	-	-	1	*	1024.0	-2	NW/N	1	b	77	35	8	-	-	-	-	1	0
Benson	1025.5	-3	NE	1	b	71	35	9	-	-	-	-	1	*	1024.1	-1	N	1	b	75	35	9	-	-	-	-	1	0
S. Farnborough	1025.7	-1	E	2	b	68	45	8	-	-	-	-	1	*	1025.9	-2	-	0	b	72	45	8	-	-	-	-	2	0
London (Kew, Croy.)	1025.6	-2	SSE	1	b	68	45	8	-	-	-	-	0	*	1024.4	-1	NNE	2	b	73	35	8	-	-	-	-	2	0
Croydon	1025.8	-2	-	0	c	67	45	7	-	-	-	-	7	*	1024.4	-1	ENE	1	b	70	35	8	-	-	-	-	3	0
Clacton-on-Sea	1026.0	0	NE	2	b	62	65	7	4000	Cu	1	-	1	*	1025.6	0	SE	2	bc	60	65	9	-	-	-	-	4	0
Shoeburyness	1026.2	0	ENE	3	b	61	55	9	4000	Cu	1	-	1	*	1025.4	-2	ESE	1	b	61	75	7	4000	Cu	1	-	1	0
Grain	1026.2	0	ENE	3	b	61	55	9	4000	Cu	1	-	1	*	1025.3	0	ENE	4	bv	61	65	9	-	-	-	-	1	0
Lympne	1025.7	0	NNE	3	cv	60	75	9	2500	Cu	8	-	8	*	1025.2	-1	SE	3	bv	58	75	9	-	-	-	-	1	0
Scilly (St. Mary's)	1026.0	0	SE/E	1	b	67	75	8	-	-	-	-	0	*	1026.0	0	-	0	b	63	85	8	-	-	-	-	0	1
Falmouth	1026.4	0	ESE	3	b	65	65	7	-	-	-	-	1	*	1025.4	-1	SSE	2	b	67	65	7	-	-	-	-	0	0
Plymouth	1026.0	0	SW	3	b	63	75	8	-	-	-	-	0	*	1025.5	-1	SSW	2	b	62	75	8	5750	Skw	2	-	2	0
Portland Bill	1026.7	+2	SE	4	b	64	75	8	-	-	-	-	1	*	1026.7	0	SE	3	b	60	85	8	-	-	-	-	1	2
Calshot	1026.4	0	SE/E	3	b	64	65	8	-	-	-	-	1	*	1025.7	0	SW	3	b	61	65	8	-	-	-	-	2	0
Dungeness	1026.9	-1	ENE	3	c	61	75	9	-	-	-	-	8	*	1025.4	-1	E	2	b	60	75	9	-	-	-	-	2	2
Jersey	1025.8	0	NE	3	bc	65	65	8	-	-	-	-	4	*	1025.1	0	N	3	b	65	65	8	-	-	-	-	0	0
LONDON OBSERVATIONS.																												
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.																												
6th JULY 1921.																												
STATIONS. Sunrise. Noon. Sunset.																												
G.M.T. G.M.T. G.M.T.																												
Yarmouth	3.39	11.58	6.16																									
Greenwich	3.40	11.58	6.15																									
Wick	3.52	12.5	6.15																									
Valencia	4.39	12.46	6.0																									
BEAUFORT NOTATION OF WEATHER.																												
b blue sky (not more than a quarter covered).																												
bc sky partly cloudy (one half covered).																												
c generally cloudy (three-quarters covered).																												
d drizzle, or fine rain. f fog.																												
h hail. KQ line squall. l lightning.																												
m mist. o overcast sky.																												
p passing showers. r rain.																												
s sleet, i.e., rain and snow together.																												
* snow. t thunder.																												
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"; bc= cloud 0.5; co= cloud 0.10.																												
Capital letters indicate intensity, and repetition of letters continuity, thus: -rr= 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 } Calm or slight																												
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.																												
Beaufort No. 0 1 2 3 4 5 6 7 8 9 10 11 12																												
Less than 1. Less than 0.3																												
1-3 0.3-1.5																												
4-7 1.6-3.3																												
8-12 3.4-5.4																												
13-16 5.5-7.9																												
17-20 8.0-10.7																												
21-24 10.8-13.8																												
25-28 13.9-17.1																												
29-32 15.2-20.7																												
33-36 17.3-24.4																												
37-40 19.5-25.4																												
41-44 21.7-27.5																												
45-48 23.8-28																												



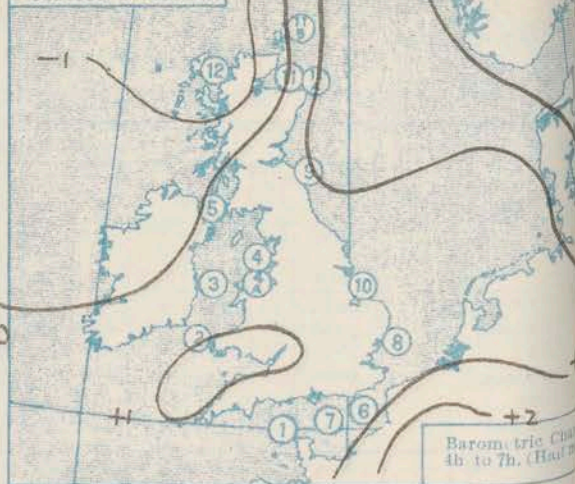
## SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN.
	7h-13h.	13h-18h.	18h-7h.	1h-7h.	MAX. Day.	MIN. Night.	MIN. on GRADES.	Day.	Night.	Precipitation began.	
Lerwick	00	00	00	00	51	47	0	1	1	-	0
Stornoway	c	c	c	b	67	55	0	1	4	0630	4.3
Wick	00	00	00	00	53	49	0	1	1	-	0
Castlebay	bom	im c s f	cc ff	d c s f f	59	55	0	1	1	-	5.3
Nairn	c b c	b c c m	0 m w	0 m w	61	50	0	1	1	-	6.4
Aberdeen	c	b o b c	o p s m	o m w	60	51	47	Trace	Trace	2200	3.2
Malin Head	00	00	00	00	72	57	52	-	-	-	7.4
Benfrew	c	c	c	c	70	58	56	-	-	-	10.1
Leith (NORSETH)	c	c	00	00	70	54	52	-	-	-	10.1
Edinburgh	c	c	00	00	70	54	52	-	-	-	10.1
Dunfermline	c	c	00	00	70	54	52	-	-	-	10.1
Glasgow	c	c	00	00	70	54	52	-	-	-	10.1
Blackhead Point	b o b c	b o b c	c	00	68	55	0	-	-	-	0
Dunghaden	b m	b c	b c m	o m	72	57	0	-	-	-	0
Birr Castle	c	c	c	c	78	55	48	-	-	-	11.9
Baldonnell	b o b c	c	b o b c	c	79	58	0	-	-	-	11.9
Holyhead	b c b z	b o b c	b c m	b m o	70	56	52	-	-	-	13.6
Liverpool (Bidston)	b o b c	b o b c	c	c	72	55	49	-	-	-	13.9
Manchester (Alex Pk.)	b o b c	b o b c	b c m	c m	71	47	42	-	-	-	0
Howden	b o b c	b o b c	c	00	77	44	36	-	-	-	11.7
Spurn Head	c	b o b c	b o b c	b o b c	62	54	0	-	-	-	0
Nottingham	b o b c	b o b c	b o b c	b m	77	51	45	-	-	-	14.7
Cranwell	b o b c	b o b c	c	c	74	54	48	-	-	-	12.1
Grimsby	c	b o b c	b o b c	b o b c	60	49	39	-	-	-	9.8
Fulham	b o b c	b o b c	b o b c	b o b c	69	37	37	-	-	-	10.6
Felixstowe	b o b c	b o b c	b o b c	b o b c	63	52	0	-	-	-	9.0
Valencia (Cahirciveen)	b o b c	b o b c	b o b c	c	72	59	50	-	-	-	11.9
Roches Point	00	b o b c	b o b c	b o b c	69	58	0	-	-	-	0
Pembroke (St. Ann's H.)	im	im	im	im	64	55	0	-	-	-	14.3
Boss-on-Wye	b z b y	b y	b y b z	b w b z	78	44	39	-	-	-	15.1
Benson	b o b c	b o b c	b o b c	b o b c	77	43	35	-	-	-	0
S. Farnborough	c	b o b c	b o b c	b o b c	75	42	37	-	-	-	10.3
London (New Obs)	o o b y	b b y y	b b	b b w b z	74	51	40	-	-	-	10.5
Croydon	b o b c	b o b c	b o b c	b o b c	71	46	40	-	-	-	0
Clacton-on-Sea	00	b o b c	b o b c	b o b c	62	52	48	-	-	-	9.3
Shoeburyness	b o b c	b o b c	b o b c	b o b c	64	47	37	-	-	-	9.4
Grain	00	b o b c	b o b c	b o b c	60	45	36	-	-	-	9.3
Lympne	00	b o b c	b o b c	b o b c	65	46	32	TRACE	-	-	6.9
Scilly (St. Mary's)	b o b c	b o b c	b o b c	b o b c	67	55	0	-	-	-	14.0
Falmouth	b b	b b z	b b	b f f	68	52	41	-	-	-	14.1
Plymouth	b o b c	b o b c	b o b c	00	64	49	44	-	-	-	12.8
Portland Bill	b o b c	b o b c	b o b c	b o b c	65	52	0	-	-	-	0
Calshot	c	b o b c	b o b c	b o b c	66	51	47	-	-	-	14.3
Dungeness	00	b o b c	b o b c	b o b c	64	46	0	-	-	-	0
Jersey	b c	b	b w	b w	67	53	0	-	-	-	12.5

ISALLOBARS.

6th JULY.

POSITION NUMBERS



Temperature reported from Cross Channel and Coastal Stations

Position Number	3	1	7
Date	57	58	65
Time	GMT 1130	0234	
Sea °F	54	58	58
Air °F	58	59	57

## GENERAL INFERENCE.

The Southwesterly wind current spreading from the North is increasing in strength but barometric changes are slight. Conditions are more favourable for rain than for some time past but the anticyclone over the Channel is likely to maintain dry weather in the South for at least another day or two.

## Districts.

Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 6th July, 1921.

## Further Outlook

1. S.E. England	Light Westerly or variable winds; fine; visibility mainly good; very warm.	Local rain over Northern half of Kingdom; probably continued fine and very warm in the South.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales		
7. North Wales	Winds SW-W light or moderate; cloudy, local showers or slight rain; visibility fair; less warm.	
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. E. Scotland		
12. S.W. Scotland		
13. Isle of Man	Winds mainly South-West light or moderate; dull, rain at times; visibility fair; less warm.	
14. N. & N.W. Scotland		
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland	Light winds between South and West; fine; visibility good; very warm.	
20. S.W. Ireland		

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

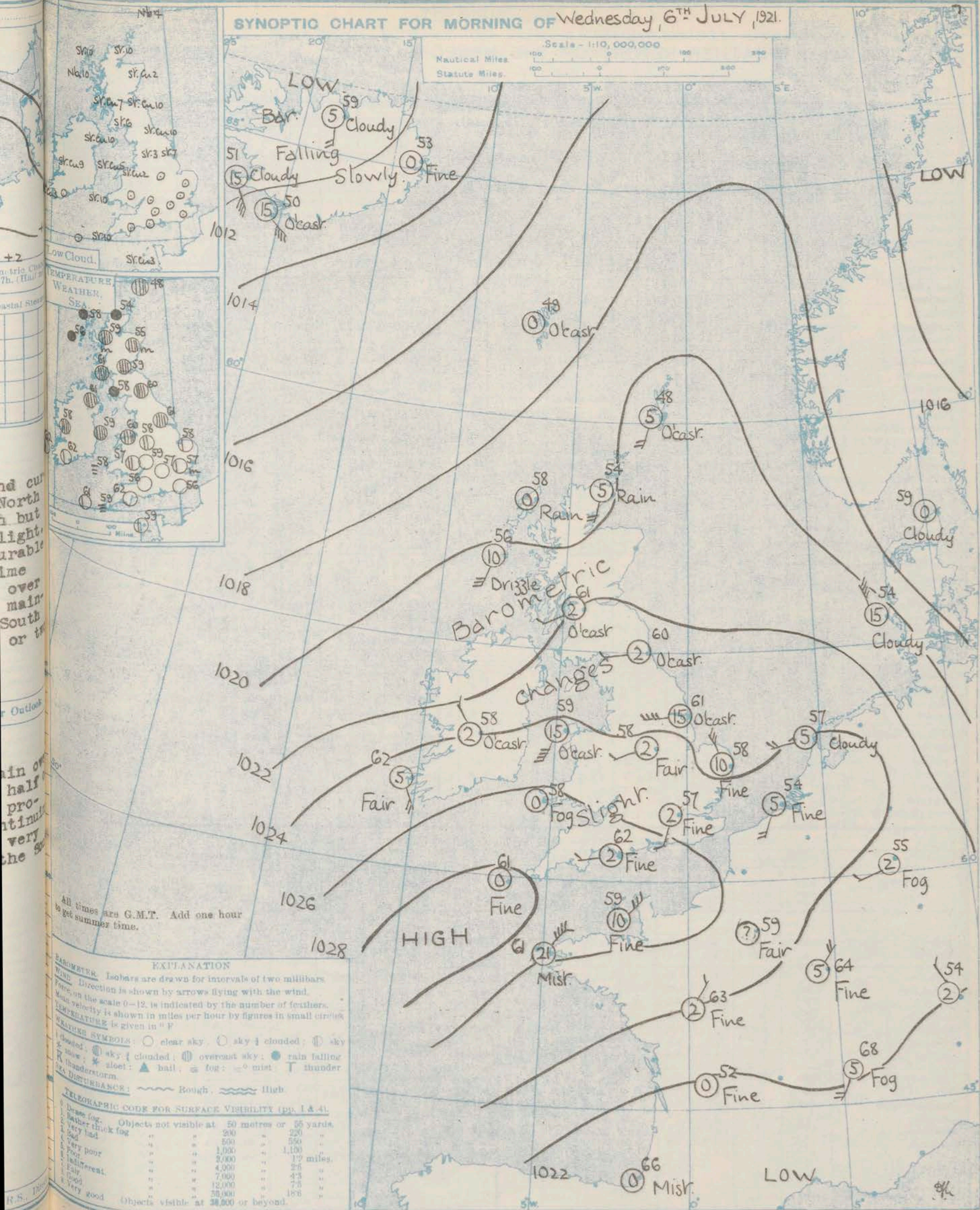
Forecasts issued at 0915 G.M.T.

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



# SYNOPTIC CHART FOR MORNING OF Wednesday, 6<sup>th</sup> JULY, 1921.

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

**BAROMETER.** Isobars are drawn for intervals of two millibars.  
**WIND.** Direction is shown by arrows flying with the wind.  
Force, on the scale 0-12, is indicated by the number of feathers.  
Wind velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE.** is given in ° F.  
**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 (pp. 1 & 4).**

Objects not visible at	50 metres or 55 yards.		
0 Dense fog	200	220	
1. Very thick fog	500	550	
2. Very bad	1,000	1,100	
3. Very poor	2,000	1 1/2 miles.	
4. Poor	4,000	2 1/2	
5. Indifferent.	7,000	4 1/2	
6. Fair	12,000	7 1/2	
7. Good	20,000	12 1/2	
8. Very good			

Objects visible at 30,000 or beyond.



## AIR MINISTRY.

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

Page 4.

BRITISH SECTION. WEDNESDAY 6<sup>th</sup> JULY 1921.

No. 184.

STATIONS.	Observations at 0100 G.M.T. 6 <sup>th</sup>													Observations at 0700 G.M.T. 6 <sup>th</sup>												
	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility 0-8	Height of Low Cloud. Feet	Cloud.			Sea.	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility 0-8	Height of Low Cloud. Feet	Cloud.			
			Direc.	Force						Form.	Amt.	Form.				Amt.	Direc.						Force	Form.	Amt.	
Lerwick ...	1022.9	-1	-	0	0/r	48	92	7	-	Nb	10	-	10	1020.5	+1	SSW	2	0/r	48	85	8	7200	Nb	4	A.St	10
Stornoway ...	1021.2	0	W	2	0	48	92	7	-	Nb	10	-	10	1019.2	-1	SSW	2	0/r	48	85	7	450	St	10	-	10
Wick ...	1021.3	-2	SE	1	0	51	97	6	5700	St.G	10	-	10	1019.4	-1	SSW	2	0/r	54	97	7	800	St	10	-	10
Castlebay ...	1021.3	-2	SE	1	0	51	97	6	5700	St.G	10	-	10	1020.7	0	SW	3	0/r	56	97	3	450	Nb	10	-	10
Nairn ...	1021.3	-2	SE	1	0	51	97	6	5700	St.G	10	-	10	1020.7	0	SW	3	0/r	56	97	3	450	Nb	10	-	10
Aberdeen ...	1021.3	-2	SE	1	0	51	97	6	5700	St.G	10	-	10	1021.0	-1	-	0	ffo	55	92	5	4000	St.G	2	A.St	10
Malin Head ...	1021.3	-2	SE	1	0	51	97	6	5700	St.G	10	-	10	1021.3	-2	SE	1	0	51	97	6	5700	St.G	10	-	10
Benfrew ...	1021.2	-1	-	0	0	59	85	7	2500	St	10	-	10	1021.4	0	WSW	1	0	61	85	7	2500	St.G	7	A.St	10
Leith ...	1021.2	-1	-	0	0	59	85	7	2500	St	10	-	10	1021.4	+1	WSW	3	0	59	85	5	-	St.G	10	-	10
Bakdalemuir ...	1023.6	0	-	0	0	56	75	6	4000	St	10	-	10	1023.1	0	WSW	2	0/r	58	85	5	2500	St	6	A.St	10
Tynemouth ...	1022.7	-1	W	2	0/r	63	55	7	4000	St	10	-	10	1022.5	0	W	1	0/r	60	75	5	5750	St.G	10	-	10
Blackhead Point ...	1022.5	-2	W	1	0	60	92	6	450	St	10	-	10	1022.5	0	SW	1	0	60	92	7	450	St	10	-	10
Donaghadee ...	1022.5	-2	W	1	0	60	92	6	450	St	10	-	10	1022.8	0	-	0	0	61	55	8	5750	St.G	10	-	10
Birr Castle ...	1024.1	0	SSW	4	0	62	75	6	4000	St.G	3	-	3	1024.1	0	NW	1	0	58	97	6	2500	St.G	9	-	9
Baldonnel ...	1024.6	+2	S	1	0	62	75	6	4000	St.G	3	-	3	1024.5	0	WSW	3	0	63	75	6	5750	St	2	A.St	7.9
Holyhead ...	1024.1	0	SSW	4	0	62	75	6	4000	St.G	3	-	3	1024.5	0	SSW	4	0	63	75	6	5750	St.G	5	A.St	10
Liverpool (Bidston) ...	1024.1	0	SSW	4	0	62	75	6	4000	St.G	3	-	3	1023.8	0	NW	1	0	60	85	6	2500	St.G	2	Ci.G	10
Manchester (Alex.Pk.) ...	1024.1	0	SSW	4	0	62	75	6	4000	St.G	3	-	3	1024.7	0	SW	2	0/r	59	75	5	-	-	0	Ci.St	9
Howden ...	1023.6	0	-	0	bc	48	97	5	4000	St	3	A.St	4	1023.8	0	SW	1	ffo	59	85	4	2500	St.G	10	-	10
Spurn Head ...	1022.1	-1	SW	3	b	57	97	9	-	-	0	-	0	1022.1	0	W	4	0/r	61	92	6	2500	St	7	Ci.G	9
Nottingham ...	1022.1	-1	SW	3	b	57	97	9	-	-	0	-	0	1024.3	0	WSW	1	bc	58	75	4	-	-	0	Ci	5
Cranwell ...	1024.6	+1	WSW	2	b	57	65	7	-	-	0	-	0	1024.4	0	W	1	0	62	85	6	-	-	0	Ci	9
Gorleston ...	1025.5	0	W	2	b	49	97	8	-	-	0	Ci.G	2	1023.2	0	NW	3	b	58	85	7	-	-	0	Ci.G	2
Pulham ...	1025.1	0	-	0	b	48	92	8	-	-	0	A.St	1	1024.3	0	WSW	1	b	56	85	9	-	-	0	Ci	1
Felixstowe ...	1026.4	0	SSW	2.3	b	52	92	7	-	-	0	Ci	1	1025.1	0	WSW	2	b	57	85	6	-	-	0	Ci	1
Valencia (Cahireveen) ...	1025.0	0	SSE	1	b	63	-	-	-	-	-	-	-	1024.9	0	SSE	2	bc	62	85	8	2500	St.G	3	A.Ci	4
Reches Point ...	1025.0	0	SSE	1	b	63	-	-	-	-	-	-	-	1025.9	0	-	0	b	62	92	7	-	-	0	Ci.G	2
Pembroke (St. Ann's H.) ...	1026.3	0	-	0	fb	58	92	7	-	-	0	-	0	1026.2	+1	-	0	fb	58	97	1	1150	St	10	-	10
Ross-on-Wye ...	1025.4	+1	SW	1	bc	57	75	5	-	-	0	Ci	6	1025.4	+1	SW	1	bc	57	75	5	-	-	0	Ci	6
Benson ...	1025.4	+1	SW	1	bc	57	75	5	-	-	0	Ci	6	1025.5	+1	-	0	b	59	75	7	-	-	0	-	0
S. Farnborough ...	1025.4	+1	SW	1	bc	57	75	5	-	-	0	Ci	6	1025.8	0	W	2	b	56	85	8	-	-	0	-	0
London ...	1025.9	0	-	0	b	50	92	8	-	-	0	-	0	1025.9	0	SW	1	b	57	85	6	-	-	0	-	0
Croydon ...	1025.8	0	S	2	b	50	92	8	-	-	0	-	0	1025.8	0	WNW	1	b	59	75	7	-	-	0	-	0
Clacton-on-Sea ...	1025.8	0	S	2	b	50	92	8	-	-	0	-	0	1025.8	0	WNW	1	b	59	75	7	-	-	0	-	0
Shoeburyness ...	1025.8	0	S	2	b	50	92	8	-	-	0	-	0	1025.8	0	WNW	1	b	59	75	7	-	-	0	-	0
Grain ...	1025.6	0	N	2	b	47	85	9	-	-	0	-	0	1025.5	0	-	0	ffo	59	85	6	-	-	0	-	0
Lympne ...	1025.6	0	N	2	b	47	85	9	-	-	0	-	0	1025.5	0	-	0	ffo	59	85	6	-	-	0	-	0
Scilly (St. Mary's) ...	1026.4	0	-	0	b	57	92	8	-	-	0	-	0	1028.1	0	-	0	b	61	85	7	7200	-	0	Ci.G	2
Falmouth ...	1026.7	0	-	0	b	55	92	8	-	-	0	-	0	1026.7	-1	N	3	ffo	59	92	3	1500	St	10	-	10
Plymouth ...	1026.7	0	-	0	b	55	92	8	-	-	0	-	0	1026.7	0	-	0	fb	58	85	6	-	-	0	Ci	3
Portland Bill ...	1026.7	0	-	0	b	58	85	8	-	-	0	-	0	1026.7	0	W	1	b	62	85	8	-	-	0	-	0
Calshot ...	1026.7	0	W's	2	b	55	85	8	-	-	0	-	0	1026.2	-1	NW	2	fb	57	92	6	-	-	0	Ci.St	0
Dungeness ...	1026.0	0	-	0	b	51	92	9	-	-	0	-	0	1025.7	0	W	1	b	56	85	7	-	-	0	-	0
Jersey (Guernsey Ih.) ...	1026.5	+2	NNW	3	b	55	85	8	-	-	0	Ci.St	2	1026.2	0	ENE	3	b	59	85	8	4000	St.G	3	-	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 5<sup>th</sup> JULY

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.†		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.†		SUNSHINE.	
	Fore-noon.	After-noon.	Max. Day. °F.	Min. Night. °F.	Night 12h.-9h. 4h. 3h. 5h.	Day 9h.-12h. 5h.	Sunrise to 17h. 5h.	Sunrise to Sunset. 4h.		Fore-noon.	After-noon.	Max. Day. °F.	Min. Night. °F.	Night 12h.-9h. 4h. 3h. 5h.	Day 9h.-12h. 5h.	Sunrise to 17h. 5h.	Sunrise to Sunset. 4h.
Banff ... ..	oc	cbcc	64	39	-	-	4.1	5.9	Paignton ... ..	b	b	70	47	mm.	mm.	hr.	hr.
Montrose ... ..	o	bco	58	48	-	-	2.7	12.5	Ilfracombe ... ..	b	b	67	56	-	-	11.2	11.3
Llandudno ... ..	b	b	70	49	-	-	11.9	14.0	Bude ... ..	b	b	69	50	-	-	11.5	11.5
Colwyn Bay ... ..	b	b	68	49	-	-	12.1	14.6	Penzance ... ..	b	b	67	52	-	-	11.5	11.5
Rhyl... ..	b	b	70	46	-	-	11.8	13.6	Torquay ... ..	b2	b2	69	52	-	-	11.2	11.2
Southport ... ..	b	b	69	45	-	-	12.0	14.6	Weymouth ... ..	b	b	70	48	-	-	11.8	11.8
Blackpool ... ..	b	b	71	45	-	-	12.3	15.2	Bournemouth ... ..	b	b	68	45	-	-	12.0	12.0
Harrogate ... ..	b	b	77	39	-	-	11.0	1.9	Portsmouth (S'thsea) ... ..	?	?	63	50	-	-	12.6	12.6
Skegness ... ..	b	b	62	50	-	-	9.3	5.0	Worthing ... ..	obc	b	65	48	-	-	7.6	7.6
Aberystwyth ... ..	cb	b	69	52	-	-	12.3	14.7	Brighton ... ..	obcb	bc	63	52	-	-	5.3	5.3
Bath ... ..	b	b	75	45	-	-	12.0	11.6	Eastbourne... ..	oc	bcb	63	52	-	-	4.3	4.3
Leamington Spa ... ..	b	b	75	40	-	-	10.7	10.3	Hastings ... ..	o	obcb	63	52	-	-	4.2	4.2
Lowestoft ... ..	obc	bcb	58	49	-	-	1.2	0.0	Folkestone ... ..	o	cbcb	66	52	-	-	4.3	4.3
Felixstowe ... ..	am	b	62	50	-	-	6.9	0.1	Tunbridge Wells ... ..	oc	b	70	48	-	-	6.2	6.2
Southend ... ..	obc	b	69	50	-	-	6.9	0.2	Ramsgate ... ..	o	b	59	52	-	-	4.0	4.0
									Margate ... ..	o	bc	61	53	-	-	4.1	4.1
									Deal ... ..	obc	bb	65	53	-	-	4.3	4.3



## AIR MINISTRY.

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

BRITISH SECTION.

No. B.21.777

THURSDAY 7<sup>th</sup> JULY 1921.

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.	Height of Low Cloud.	Cloud.			Sec.	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp.	Humidity.	Visibility.	Height of Low Cloud.	Cloud.			Sec.						
			Direc.	Force						Form.	Amt.	Form.				Amt.	Form.						Amt.	Form.	Amt.							
																											0-12	0-10	0-10	0-10	0-10	0-10
Lerwick	1019.8	-1	S	3	0/1	50	92	6	2500	Nb	10	-	10	1019.7	-2	SSE	3	fo	51	97	5	2500	Nb	10	-	10	2					
Stornoway	1019.2	0	W	3	0/1	61	92	7	450	Sk	10	-	10	1019.6	0	SSE	2	0	60	85	7	450	Sk	10	-	10	0					
Wick	1019.4	-2	SSW	1	1/10	54	97	4	4000	cu	6	A.Sk.	10	1019.4	0	NNE	1	0/1	57	97	3	5750	Sk	10	-	10	0					
Castlebay	1021.0	0	WSW	3	fo	58	97	3	450	Sk	10	-	10	1020.9	0	W	3	fo	57	97	3	450	Sk	10	-	10	2					
Nairn	1020.5	-1	0	0	0	56	85	7	2500	Sk	10	-	10	1018.4	0	W	1	bc	66	85	6	2500	Nb	8	-	8	0					
Aberdeen	1020.5	-1	0	0	0	56	85	7	2500	Sk	10	-	10	1019.4	-1	SSE	1	ct	61	85	6	2500	Nb	8	-	8	0					
Malin Head	1021.8	0	W	3	fo	59	97	3	450	Sk	10	-	10	1021.8	0	WNW	3	fo	58	97	3	450	Sk	10	-	10	1					
Renfrew	1022.1	0	SW	2	0/1	62	85	7	2500	Sk	8	A.Sk.	10	1021.3	-1	SW	2	0/1	61	97	7	1500	Sk	10	-	10	0					
Leith (ANCHKEITH)	1020.7	-2	W	3	0	63	65	7	-	Sk	10	-	10	1019.7	0	W	4	0/1	60	92	7	-	Sk	9	-	9	3					
Rakdalemuir	1022.1	0	SSW	3	fo	62	85	5	-	Sk	10	-	10	1021.6	-2	WSW	2	0	60	85	6	2500	Sk	10	-	10	0					
Tynemouth	1021.9	0	SW	1	fo	68	75	5	2500	Sk	10	-	10	1021.3	-1	W	2	op	63	75	5	2500	Sk	10	-	10	0					
Blackod Point	1022.8	0	SW	2	fo	65	85	6	450	Sk	10	-	10	1023.0	0	W	2	fo	61	92	6	450	Sk	10	-	10	0					
Donaghadee	1022.7	0	W	1	c	66	65	8	5750	Sk	8	-	8	1021.8	0	-	0	0	62	92	8	4000	Sk	9	-	9	0					
Birr Castle	1024.0	-	W	1	0	71	75	7	-	-	A.cu	9	0	1023.2	0	W	2	c	71	85	7	2500	Sk	6	A.cu	8	0					
Baldonnell	1023.8	-1	SW	3	c	73	55	7	5750	cu	3	A.Sk.	8	1023.2	-1	W	2	0/1	68	75	6	4000	Sk	7	A.Sk.	10	0					
Holyhead	1024.4	-1	SSW	4	0	65	85	7	4000	cu	6	A.Sk.	9	1022.8	-2	SSW	3	0	61	97	8	5750	Sk	7	A.cu	9	0					
Liverpool (Bidston)	1023.8	-1	WNW	3	c	67	65	7	4000	Sk	7	-	7	1022.3	-2	WNW	3	0	64	75	6	1500	Nb	10	-	10	4					
Manchester (Alex.Pk.)	1023.6	-2	WNW	3	0	73	55	7	-	-	A.cu	10	0	1022.7	-1	NW	2	0	67	65	7	4000	Sk	10	-	10	0					
Howden	1023.0	-1	NNW	4	0	69	75	6	4000	Sk	10	-	10	1021.7	-2	NW	2	0	66	85	6	2500	Sk	10	-	10	0					
Spurn Head	1021.9	0	NW	3	0	68	92	6	5750	Sk	9	-	9	1021.7	0	N	2	0/1	61	97	7	-	-	A.Sk.	10	0						
Nottingham	1022.5	-	WSW	2	c	78	35	6	4000	Sk	3	A.cu	8	1022.1	0	NE	2	0/1	66	75	4	2500	Nb	6	A.Sk.	10	0					
Crayke	1022.3	-4	W	3	c	80	35	8	4000	cu	3	A.cu	7	1022.4	0	NE	2	0/1	66	65	6	4000	Sk	9	A.Sk.	10	0					
Gorleston	1023.0	0	SW	2	bc	65	92	7	-	-	A.cu	4	0	1021.8	-2	SW	2	c	65	92	7	-	-	A.cu	8	0						
Pulham	1022.7	-2	NNW	2	c	78	45	8	4000	cu	5	A.Sk.	8	1021.3	-1	ESE	2	0	70	65	8	4000	Nb	7	A.Sk.	10	0					
Felixstowe	1023.5	-2	SE	3	0	73	55	8	7500	cu	5	A.Sk.	9	1021.4	-2	-	0	0	69	75	8	7500	Sk	4	A.cu	9	1					
Valencia (Cahirovein)	1025.9	+1	W'S	3	c	46	75	8	2500	Sk	7	-	7	1025.8	0	W'S	2	c	64	85	8	1500	Sk	6	A.cu	8	0					
Roches Point	1026.0	0	SW	4	b	68	75	6	800	cu	1	A	3	1024.8	-2	SW	4	b	68	75	6	800	cu	2	A.Sk.	3	3					
Pembroke (St. Ann's H.)	1026.5	0	WSW	2	bc	65	92	8	-	-	A.Sk.	5	0	1024.7	-2	WSW	2	bc	62	92	7	-	-	A.Sk.	4	2						
Ross-on-Wye	1023.4	-3	WNW	2	bc	80	35	8	5750	cu	1	A.cu	6	1022.4	-1	NW	4	bc	78	45	8	-	-	A.cu	4	0						
Benson	1023.4	-2	W	2	bc	81	35	7	-	-	A.cu	3	0	1021.2	-2	W	2	c	79	35	7	-	-	A.cu	2	0						
S. Farnborough	1024.2	-2	SW	2	b	79	35	8	4000	cu	2	A.Sk.	3	1022.2	-2	SW	4	c	74	45	8	4000	Sk	4	A.cu	7	0					
London (Kew, Ops.)	1023.9	-4	SW	2	bc	77	45	8	4000	cu	3	A.cu	4	1021.7	-2	WSW	2	0	77	45	8	4000	cu	7	A.cu	9	0					
Croydon	1023.8	-3	WSW	3	c	78	35	8	-	-	A.cu	7	0	1022.0	-2	WSW	3	0	73	45	8	7500	Sk	2	A.cu	9	0					
Clacton-on-Sea	1022.4	-4	SW	2	bc	76	45	5	5750	cu	4	-	4	1021.0	-3	WSW	2	c	64	55	8	2500	cu	5	A.cu	8	0					
Shoeburyness	1022.4	-4	SW	2	bc	76	45	5	5750	cu	4	-	4	1021.4	-3	SW	2	c	74	75	6	4000	cu	2	A.cu	8	0					
Grain	1024.1	-2	SSW	3	c	77	35	7	7250	Sk	7	A.Sk.	8	1022.0	-2	SW	4	0	73	45	7	-	-	A.cu	9	0						
Lymington	1024.6	-2	SW	3	c	71	65	8	4000	cu	1	A.Sk.	7	1022.5	-3	SW	3	c	69	65	8	-	-	A.cu	7	0						
Selly (St. Mary's)	1026.9	0	-	0	b	70	75	8	-	-	A.cu	1	0	1027.7	0	NW	1	b	66	75	6	-	-	-	-	0	1					
Plymouth	1026.4	0	ESE	3	fb	65	85	6	7250	cu	3	-	3	1025.2	-1	NW	3	b	69	85	7	-	-	-	-	0	0					
Portsmouth	1026.1	0	SW	2	b	65	85	7	4000	Sk	2	-	2	1026.1	-1	SSW	2	b	65	85	8	-	-	-	-	0	0					
Portland Bill	1026.7	0	SW	2	fo	63	25	8	2500	Sk	10	-	10	1024.9	-2	SW	2	b	63	85	8	-	-	-	-	2	0					
Calshot	1026.2	-2	SSW	4	c	69	65	8	4000	Sk	7	-	7	1023.2	-2	SSW	4	b	66	75	8	-	-	-	-	2	0					
Dungeness	1024.9	-2	SW	4	bc	63	85	8	7250	-	-	A.cu	5	1022.7	-3	SW	4	bc	63	85	8	-	-	-	-	6	4					
Jersey	1024.8	0	ESE	3	b	72	65	8	-	-	A.cu	3	0	1024.2	-1	NW	2	b	67	55	8	-	-	-	-	0	0					

LONDON OBSERVATIONS.	WEATHER.			TEMPERATURE.			RAIN-FALL.	SUN-SHINE to Sunset.	HUMIDITY.		ATMOSPHERIC POLLUTION. Libs. of Solid impurity per million cubic yards.	SOLAR RADIATION. Vertical component per square centimetre.	POLE STAR RECORD at Greenwich Obsy.		
	Morning.	Afternoon.	Night.	Max. of.	Min. of.	Min. on Grass.			15h. G.M.T.	9h. G.M.T.			Exposure from 6 <sup>h</sup> 21 <sup>m</sup> to 30 <sup>m</sup> .	Stars.	Exposure.
	24 HOURS ENDED 0000 G.M.T.	24 HOURS ENDED 0000 G.M.T.	24 HOURS ENDED 0000 G.M.T.	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.	During yesterday.			
Kew	b2cuy	b2cuy	o2p0	85	59	52	0.5	8.2	34	74	South Kensington	South Kensington.	67 <sup>m</sup> 02 <sup>m</sup> 13 <sup>m</sup>		
Croydon	b2cuy	b2cuy	o2p0	85	59	52	0.5	8.2	34	74	Max. Time Min. Time.	Total 188.0 joules			
Greenwich (Royal Obsy.)	b2cuy	b2cuy	o2p0	85	59	52	0.5	8.2	34	74	0.2 21hr 5hr 0.2 1hr 6hr	Average Rate			
City (Sunhill Row)	b2cuy	b2cuy	o2p0	85	59	52	0.5	8.2	34	74	0.3 7hr 6hr	31.8 Milliwatts.			
Westminster (St. James' Pk.)	b2cuy	b2cuy	o2p0	85	59	52	0.5	8.2	34	74	Max. Time Min. Time.	Maximum Rate			
Regents Pk. (Botanical Gdns.)	b2cuy	b2cuy	o2p0	85	59	52	0.5	8.2	34	74	0.4 24hrs 5hr 0.2 15hrs 6hr	75 Milliwatts.			
Camden Sq. (Brit. Rainfall)	b2cuy	b2cuy	o2p0	85	59	52	0.5	8.2	34	74					
Hampton Palace	b2cuy	b2cuy	o2p0	85	59	52	0.5	8.2	34	74					
Hampton Observatory	b2cuy	b2cuy	o2p0	85	59	52	0.5	8.2	34	74					

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.		Beau- fort No.	Statute miles per hour.	Metres per second.
1921.				b blue sky (not more than a quarter covered).		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) = "hall" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.				
STATIONS.				c generally cloudy (three-quarters covered).		SEA DISTURBANCE.				
Sunrise.				d drizzle, or fine rain. f fog.		0 = no swell } Calm or		0		
Noon.				h hail. KQ line squall. l lightning.		1 = mod. swell } slight		1		
Sunset.				m mist. o overcast sky.		2 = heavy swell } sea.		2		
Yarmouth				p passing showers. r rain.		3 = no swell } Moderate		3		
Greenwich				rs sleet, i.e. rain and snow together.		4 = mod. swell } sea.		4		
Wick				s snow. t thunder.		5 = heavy swell } sea.		5		
Valencia				= dust haze; the turbid atmo- sphere of dry weather.		6 = rather rough sea.		6		
						7 = rough sea.		7		
						8 = very rough sea.		8		
						9 = mountainous sea.		9		
								10		
								11		
								12		
								Above 12		
								33' 6" above		



SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN.
	7h.-18h.	18h.-18h.	18h.-5.30	1h.-7h.	MAX. Day.	MIN. Night.	MIN. on GRASS.	Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	Hours.
	6 <sup>h</sup>	6 <sup>h</sup>	to 1h. 7 <sup>h</sup>	7 <sup>h</sup>	7h.-18h.	18h.-7h.					
Lerwick ...	P	48	55b	fe	50	49	.	-	Trace	-	.
Stornoway ...	c	c	00	00	63	59	.	1.0	Trace	-	1.7
Wick ...	4.0-8.0	0.0	0.0	0.0	59	51	.	4.0	1	-	0.3
Castles ...	0.0-8.0	0.0	0.0	0.0	58	55	.	0.6	0.1	-	0.3
Nairn ...	0.0-8.0	0.0	0.0	0.0	68	55	.	3.8	-	-	2.4
Aberdeen ...	0.0-8.0	0.0	0.0	0.0	60	56	4.8	1.0	0.3	22.00	0.5
Malin Head ...	FF	FF	0.0	0.0	60	56	.	0.3	0.2	-	0.0
Renfrew ...	0.0-8.0	0.0	0.0	0.0	65	54	4.9	1.0	-	12.30	0.3
Leith (INCH KEITH) ...	0.0	0.0	0.0	0.0	63	56	5.5	2.0	-	15.30	.
Esksdalemuir ...	1.0-8.0	0.0	0.0	0.0	63	48	4.4	2.0	-	0.00	0.0
Tynemouth ...	0.0-8.0	0.0	0.0	0.0	67	52	.	1.0	0.6	-	.
Blacksd Point ...	0.0	1.0	0.0	c	66	58	.	-	-	-	.
Donaghadee ...	0.0-8.0	0.0	0.0	0.0	68	56	.	2.0	0.3	0.00	.
Birr Castle ...	c	c	c	c	72	58	5.1	-	-	-	6.4
Baldonnell ...	12.00	0.0	0.0	0.0	76	58	?	-	-	-	2.1
Holyhead ...	0.0-8.0	0.0	0.0	0.0	76	54	4.5	-	Trace	-	2.5
Liverpool (Bidston) ...	c	c	c	c	69	57	4.9	-	1	22.00	1.3
Manchester (Alex.Pk.) ...	0.0-8.0	0.0	0.0	0.0	74	55	4.9	-	Trace	-	.
Howden ...	0.0-8.0	0.0	0.0	0.0	71	51	4.2	0.1	1	14.30	0.0
Spurn Head ...	c	p	p	p	61	53	.	0.1	3	16.30	.
Nottingham ...	c	0.0	0.0	0.0	81	59	5.6	0.4	1	16.30	6.2
Cranwell ...	c	p	0.0	0.0	81	57	5.5	Trace	4	16.30	8.0
Gorleston ...	0.0-8.0	0.0	0.0	0.0	66	57	5.6	-	4	-	11.0
Pulham ...	c	0.0	0.0	0.0	79	56	5.5	-	2	22.00	10.6
Felixstowe ...	c	c	0.0	0.0	79	58	5.5	-	4	24.00	9.5
Valencia (Cabiroiveen) ...	0.0-8.0	0.0	0.0	0.0	69	61	5.5	-	-	-	6.5
Roohes Point ...	0.0-8.0	0.0	0.0	0.0	70	60	.	-	0.1	-	.
Pembroke (St. Ann's H.) ...	c	0.0	0.0	0.0	66	57	.	-	-	-	10.2
Ross-on-Wye ...	0.0-8.0	0.0	0.0	0.0	84	56	4.8	-	-	-	11.7
Benzen ...	0.0-8.0	0.0	0.0	0.0	84	58	5.0	-	-	-	.
S. Farnborough ...	0.0-8.0	0.0	0.0	0.0	81	56	5.3	-	-	-	9.7
London (Kew. Gasy) ...	0.0-8.0	0.0	0.0	0.0	79	60	5.7	-	0.5	0.30	8.2
Croydon ...	0.0-8.0	0.0	0.0	0.0	79	60	5.7	-	Trace	0.630	.
Clacton-on-Sea ...	bc	c2	c0y	0.0-8.0	75	58	5.7	-	2	0.30	10.4
Shoeburyness ...	0.0-8.0	0.0	0.0	0.0	80	58	5.7	-	-	-	10.2
Grain ...	0.0-8.0	0.0	0.0	0.0	73	52.7	5.1	-	-	-	12.1
Lympne ...	0.0-8.0	0.0	0.0	0.0	73	52.7	5.1	-	1	0.30	12.1
Soilly (St. Mary's) ...	0.0-8.0	0.0	0.0	0.0	70	57	.	-	-	-	13.3
Falmouth ...	0.0-8.0	0.0	0.0	0.0	70	59	5.3	-	-	-	11.0
Plymouth ...	0.0-8.0	0.0	0.0	0.0	66	59	5.2	-	-	-	13.4

7<sup>th</sup> July

Temperature reported from Cross Channel and Coastal Steamships			
Position Number	6	3	7
Date	6 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>
Time G.M.T.	0105	1050	0108
Sea °F	57	60	59
Air °F	57	61	62

GENERAL INFERENCE

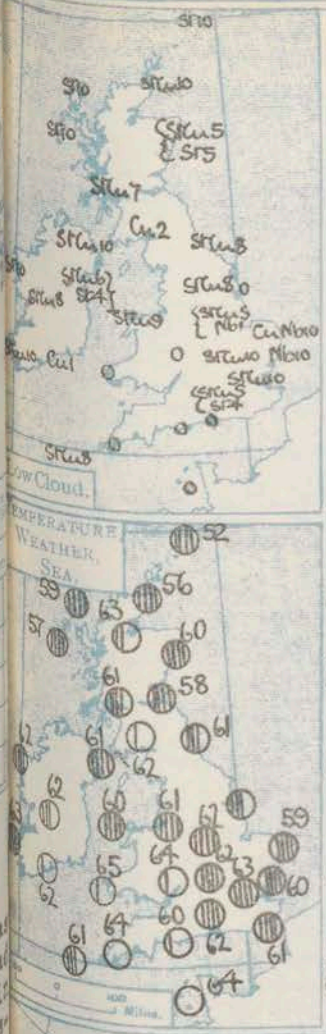
The anticyclone is now centred off our Southwest coast but shows a tendency to spread Eastward again. Further rain due to small secondary depressions is likely to occur in the Northern districts but the anticyclone will prevent appreciable precipitation in the South.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T.	Thursday, 7th July, 1921.	Farther Outlook
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Wind light Northerly; fair or cloudy; visibility mainly good; warm.		Southwesterly winds and further rain or showers in the North; continuing dry in the South.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Wind South-West or West light; cloudy, local showers; visibility fair but local coast mist; warm.		
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind between South and West, light or moderate; cloudy or dull, some rain or showers; local mist; rather warm.		
17. N.W. Ireland 18. N.E. Ireland	As for 7 - 13.		
19. S.E. Ireland 20. S.W. Ireland	As for 1 - 6.		

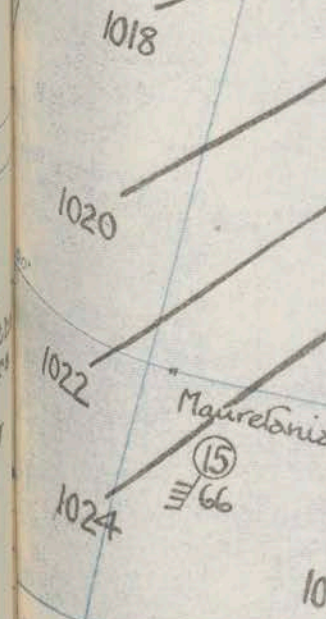


# SYNOPTIC CHART FOR MORNING OF THURSDAY, 7<sup>TH</sup> JULY, 1921.

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



TEMPERATURE  
WEATHER  
SEA



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.  
Temperature is given in °F

SYMBOLS: ○ clear sky; □ sky & clouded; ☐ sky & rain falling; ☐ sky & overcast sky; ● rain falling; ☐ snow; ☐ sleet; ▲ hail; ☐ fog; ☐ mist; T thunder

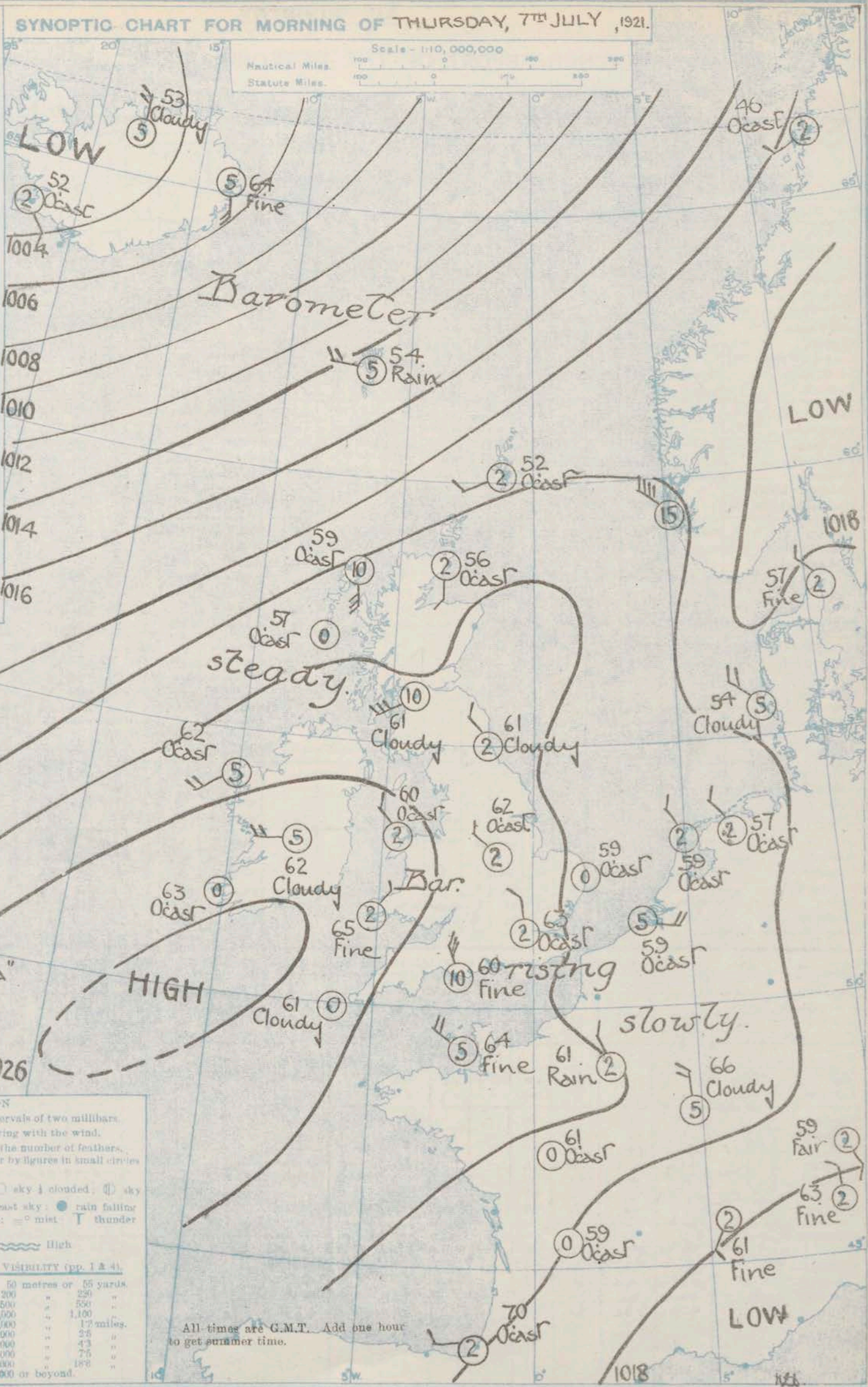
DISBURANCE: ~~~~~ Rough; ~~~~~ High

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (pp. 1 & 4)

Objects not visible at	50 metres or 55 yards	100 metres or 110 yards	1,000 metres or 1,100 yards	10 miles
Very poor	200	250	500	1,000
Very poor	500	550	1,000	1,100
Very poor	1,000	1,100	1,000	1,100
Very poor	2,000	2,200	2,000	2,200
Very poor	4,000	4,400	4,000	4,400
Very poor	7,000	7,700	7,000	7,700
Very poor	12,000	13,200	12,000	13,200
Very poor	20,000	22,000	20,000	22,000
Very good	30,000	33,000	30,000	33,000

Objects visible at 30,000 or beyond.

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, 7<sup>TH</sup> JULY, 1921.

No. 188.

STATIONS.	Observations at 0100 G.M.T. 7 <sup>h</sup>													Observations at 0700 G.M.T. 7 <sup>h</sup>													
	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.			Sea.	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.				
			Direc.	Force						Form.	Amt.	Total Form.				Total Amt.	Direc.						Force	Form.	Amt.	Total Form.	Total Amt.
Lerwick ...	1017.7	-1	SSW	3	fo+	51	97	1	2500	Nb	10	-	10	1018.9	0	WSW	1	fo+	52	97	1	450	St	10	-	10	
Stornoway ...	1021.1	0	W	1	0	*	*	*	*	*	*	*	*	1020.0	0	S	3	0	59	92	7	450	St	10	-	10	
Wick ...	1020.2	+1	SW	1	0-	53	?	8	450	St	10	-	10	1020.2	+1	SSW	1	off	56	97	8	5700	St	10	-	10	
Castlebay ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1021.7	0	-	0	fo-	57	97	4	800	St	10	-	10	
Nairn ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1020.8	2	WSW	1	bc	63	*	*	*	*	*	*	*	
Aberdeen ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1022.1	+1	-	0	of	60	85	7	2500	St	10	-	10	
Malin Head ...	1022.9	+	SSW	3	0d	57	97	4	450	Sc	10	-	10	1022.9	0	S	1	C-	58	97	8	4000	Sc	8	-	8	
Renfrew ...	1022.1	0	SW	2	0	58	97	2	2500	St	10	-	10	1022.7	+1	WSW	2	C	61	92	8	800	St	7	-	7	
Leith (ANCHKEITH) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1022.0	+2	SW	1	fo-	58	92	6	-	St	2	-	2	
Fiskdalemuir ...	1022.2	0	-	0	b-	55	85	6	4000	St	2	-	2	1023.0	+2	-	0	b	62	75	7	4000	St	2	-	2	
Tynemouth ...	1021.1	0	W	2	b-	60	85	6	2500	St	3	-	3	1022.1	+2	NW	1	C+	61	85	6	5750	St	8	-	8	
Blacksod Point ...	1023.0	0	-	0	0	59	97	6	1500	St	10	-	10	1022.7	0	SW	2	0	62	92	8	1500	St	10	-	10	
Donaghadee ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1023.6	+1	W	1	0+	61	92	8	4000	St	10	-	10	
Birr Castle ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1025.0	0	W	2	C	62	85	7	4000	St	8	-	8	
Baldonnell ...	1024.1	0	-	0	C-	62	85	8	4000	Sc	8	-	8	1025.1	+1	WNW	1	0	62	85	8	1500	St	10	-	10	
Holyhead ...	1022.9	0	-	0	b	*	*	8	-	-	0	-	0	1024.5	+2	NNW	1	0-	60	97	6	2500	St	9	-	9	
Liverpool (Bidston) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1023.8	+1	WNW	2	0/r	61	85	7	1500	Nb	10	-	10	
Manchester (Alex.Pk.) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1023.7	+3	W	3	C	62	85	5	2500	St	7	-	7	
Howden ...	1021.8	0	W	1	0/r	58	97	3	4000	St	10	-	10	1022.4	+2	NNW	1	off	59	92	6	4000	St	8	-	8	
Spurn Head ...	1021.7	0	W	1	0/r	59	92	8	-	-	0	Ast	7	1022.2	-1	W	1	C-	62	97	7	-	0	Ast	8		
Nottingham ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1022.8	0	WNW	1	0-	62	85	4	2500	St	6	-	6	
Cranwell ...	1022.5	0	NNW	3	0/r	58	97	6	1500	Nb	10	-	10	1023.0	0	NNW	3	fb	60	92	6	1500	St	6	-	6	
Gorleston ...	1022.1	0	-	0	0/r	59	92	7	5700	Nb	10	-	10	1021.5	0	-	0	ff	59	97	5	4000	St	10	-	10	
Pulham ...	1022.5	0	-	0	0/r	52	97	6	2500	St	10	-	10	1022.0	0	-	0	0	61	92	6	2500	St	10	-	10	
Felixstowe ...	1022.0	-1	N	3	0/r	61	97	5	800	Nb	10	-	10	1022.4	0	WSW	1	0/r	59	97	5	800	Nb	10	-	10	
Valencia (Cahiroiveen) ...	1026.1	0	WSW	2	off	63	*	*	*	*	*	*	*	1025.5	0	-	0	0	63	85	9	2500	St	10	-	10	
Roche Point ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1026.0	+1	W	1	b	62	85	8	1800	St	1	-	1	
Fembroke (St. Ann's H.) ...	1024.0	-1	W	2	fo	59	97	7	-	-	0	Ast	7	1025.5	+1	NE	1	b	65	85	7	-	0	Ci	2		
Ross-on-Wye ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1023.5	+2	NNW	1	b-	64	75	6	-	0	Ci	2		
Benzon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1023.2	+2	NNE	1	0	62	85	7	-	St	10	-	10	
S. Farnborough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1022.6	+1	N	1	0	62	75	7	-	St	9	-	9	
London (Kew) (Obs.) ...	1020.0	0	-	0	-	-	-	-	-	-	-	-	-	1021.8	+2	N	1	off	63	85	6	4000	St	10	-	10	
Croydon ...	1022.2	+1	E	2	0	63	65	8	5700	St	4	-	4	1022.4	0	-	0	0/r	62	75	6	4000	St	10	-	10	
Clacton-on-Sea ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1022.2	+2	NW	1	0/r	60	92	5	4000	St	10	-	10	
Shoeburyness ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1022.5	+1	-	0	0/r	60	92	5	2500	St	10	-	10	
Grain ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1022.8	+1	-	0	0/r	60	97	6	800	St	10	-	10	
Lympne ...	1021.0	-1	WNW	1	0/r	59	92	8	1500	Nb	10	-	10	1022.2	+1	N	1	0	60	92	7	4000	St	10	-	10	
Scilly (St. Mary's) ...	1025.7	0	-	0	b	60	97	8	5700	St	5	-	5	1024.5	-1	-	0	C+	61	97	8	5700	St	8	-	8	
Falmouth ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1023.6	0	NW	2	b	64	85	7	-	0	-	0		
Plymouth ...	1025.0	-1	N	2	0	62	85	8	-	-	0	Ast	9	1024.5	0	N	3	0-	63	92	7	800	St	9	-	9	
Portland Bill ...	1024.0	0	NNW	3	b	59	92	8	-	-	0	Ci	2	1023.1	-1	NNW	3	b	60	92	8	-	0	Ci	2		
Calshot ...	1022.2	-1	NW	3	0+	63	75	8	4000	St	9	-	9	1022.8	0	NW	2	fb	65	75	7	-	0	-	0		
Dungeness ...	1021.2	-2	WNW	2	0/r	61	92	9	450	St	10	-	10	1021.8	0	NE	2	0+	61	97	7	1500	St	7	-	7	
Jersey (Guernsey Is.) ...	1024.1	0	WNW	3	0+	58	85	8	5700	St	10	-	10	1022.6	0	NW	2	b	64	75	8	-	0	-	0		

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 6<sup>TH</sup> JULY.

WEATHER.		TEMPERATURE		RAINFALL†		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE		RAINFALL†		SUNSHINE.	
STATIONS.	Fore-noon.	After-noon.	Max. Day °F.	Min. Night °F.	Night 17h.-9h. S. 24h. mm.	Day 9h.-17h. mm.	Sunrise to 17h. hr.	Sunrise to Sunset. hr.	STATIONS.	Fore-noon.	After-noon.	Max. Day °F.	Min. Night °F.	Night 17h.-9h. S. 24h. mm.	Day 9h.-17h. mm.	Sunrise to 17h. hr.	Sunrise to Sunset. hr.
Barf ... ..	+	70	63	49	0.4	1.6	0.0	4.1	Paignton ... ..	bc	b	78	47	-	-	11.7	13.7
Montrose ... ..	c	c	67	45	-	0.7	0.0	2.7	Ilfracombe ... ..	bc b	b	67	56	-	-	9.7	13.7
									Bude ... ..	m	bc	69	57	-	-	5.3	13.7
									Penzance ... ..	bc	b	74	52	-	-	11.0	13.7
Llandudno ... ..	c	c	73	56	-	-	2.7	14.2	Torquay ... ..	b2	b2x	74	54	-	-	11.7	14.2
Colwyn Bay ... ..	b	b	75	53	-	-	4.2	14.6	Weymouth ... ..	bc b	b	73	48	-	-	11.2	14.2
Rhyl ... ..	cbc	cbc	73	52	-	-	2.3	14.2									
Southport ... ..	oc	oco	69	53	-	-	0.6	14.7	Bournemouth ... ..	b	b	77	48	-	-	11.5	14.2
Blackpool ... ..	o	o	67	53	-	-	0.3	14.5	Portsmouth (S'theca) ... ..	*	*	76	51	-	-	11.9	14.2
Harrogate ... ..	o	oc	65	54	-	-	0.0	14.1	Worthing ... ..	b	b	70	46	-	-	12.2	14.2
Skegness ... ..	bcog	go	77	49	-	-	4.5	11.0	Brighton ... ..	b	b bc	67	47	-	-	12.0	14.2
									Eastbourne ... ..	b	b	68	48	-	-	11.8	14.2
Aberystwyth ... ..	oc	b	68	51	-	-	6.0	15.3									
Bath ... ..	b	b	79	48	-	-	8.2	14.2	Hastings ... ..	b	b bc b	67	50	-	-	11.4	14.2
Leamington Spa ... ..	bc	bc	81	46	-	-	9.0	13.8	Folkestone ... ..	bc	bc	68	48	-	-	10.0	14.2
Lowestoft ... ..	b bc	bcco	70	49	-	-	10.2	13.6	Tunbridge Wells ... ..	b	b bc bc	78	44	-	-	9.8	14.2
Felixstowe ... ..	bm	bc	73	52	-	-	9.7	8.9	Ramsgate ... ..	bc	b	73	46	-	-	10.9	14.2
Southend ... ..	bcb	b bc	80	51	-	-	8.7	8.0	Margate ... ..	bc	bc	79	50	-	-	6.1	14.2
									Deal ... ..	b	b bc	75	45	-	-	11.2	14.2

\* Information for these columns not usually received

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

§ For code see page 5.

‡ See footnote page 1.



# AIR MINISTRY.

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

BRITISH SECTION.

No. B.21,778

FRIDAY, 8<sup>TH</sup> JULY, 1921.

Page 1.

Observations at 1300 G.M.T. 7 <sup>5</sup>															Observations at 1800 G.M.T. 7 <sup>5</sup>														
STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.			Sec.				
			Direc.	Force						Form.	Amt.	Direc.			Force	Form.						Amt.							
																							0-10	0-10		0-10	0-10	0-10	0-10
Lerwick	1018.8	0	WSW	2	o	55	97	8	-	Nb	4	cl	9	1016.9	-2	SW	3	od	52	97	1	5750	Nb	10	-	10	2		
Stornoway	1019.8	0	S	5	o	60	85	7	+50	SK	10	-	10	1018.2	-2	SW'S	5	o	61	85	7	4500	SK	10	-	10	4		
Wick	1020.4	-1	SSW	2	o	56	97	8	7250	SK	9	-	9	1017.7	-3	SSW	2	o	57	92	8	5750	SK	10	-	10	0		
Castlebay	1021.0	0	S	3	fo	58	97	3	800	SK	10	-	10	1019.9	-1	W	3	fo	58	97	3	800	SK	10	-	10	2		
Nairn	1021.0	0	S	3	fo	58	97	3	800	SK	10	-	10	1019.9	-1	W	3	fo	58	97	3	800	SK	10	-	10	2		
Aberdeen	1021.4	-1	SSE	3	c	66	65	8	5750	SK	4	cl	7	1020.1	-2	S	3	b	65	75	8	-	-	-	A.cu	2	0		
Malin Head	1021.9	0	W	1	c	67	85	9	4000	SK	8	-	8	1021.9	-1	WSW	1	o	64	97	8	4000	SK	10	-	10	0		
Renfrew	1022.8	0	SSW	3	ov	68	65	9	2500	SK	10	-	10	1022.3	-1	WSW	2	c	69	75	9	2500	SK	8	-	8	0		
Leith (McK. Keith)	1021.4	-2	W	4	bc	68	65	8	-	SK	5	-	5	1021.1	-1	WSW	3	b	68	65	8	-	SK	3	-	3	2		
Edinburgh	1022.1	-1	SW	4	c	69	65	7	4000	cu	8	-	8	1022.3	0	SW	2	c	68	65	8	4000	cu	8	-	8	0		
Tynemouth	1022.0	+1	E	1	o	64	75	6	2500	SK	10	-	10	1022.2	0	SE	2	b	64	75	7	-	-	-	A.cu	3	0		
Blackod Point	1021.9	-2	SW	2	b/f	65	92	7	1500	SK	10	-	10	1021.9	0	SW	1	o	62	97	6	450	SK	10	-	10	1		
Donaghadee	1022.7	0	E	1	b	62	85	8	4000	SK	10	-	10	1022.6	-2	SW	2	c	62	75	8	-	-	-	A.cu	7	0		
Birr Castle	1024.1	0	W	1	c	74	75	3	2500	SK	10	-	10	1023.8	0	W	1	c	73	85	7	2500	cu	6	A.cu	8	0		
Baldonnell	1024.3	-1	WSW	2	b	73	85	3	5750	cu	3	-	3	1023.1	-1	WSW	1	o	73	65	9	4000	SK	9	-	9	0		
Holyhead	1024.6	0	NW	3	b	62	92	8	4000	cu	2	-	2	1023.8	-2	NW	1	b	69	75	9	4000	cu	1	-	1	0		
Liverpool (Bidston)	1024.1	+1	NW	2	bc	66	65	9	4000	SK	2	cl	4	1023.5	-1	NW	2	bv	66	65	9	-	-	-	-	0	3		
Manchester (Alex. Pk.)	1023.4	-1	WSW	3	c	73	55	8	2500	SK	8	-	8	1023.1	0	WNW	3	b	70	55	7	-	-	-	A.cu	3	0		
Howden	1022.5	-1	-	0	c	73	75	7	4000	cu	5	cl	8	1022.1	-1	ESE	2	c	71	85	7	4000	cu	1	A.cu	7	0		
Spurn Head	1022.6	0	NNE	1	o	68	75	7	7250	SK	2	cl	9	1022.6	0	NE	2	bc	63	85	8	-	-	-	A.cu	6	1		
Nottingham	1022.9	0	NE	1	o	72	55	6	2500	Nb	5	cl	9	1022.1	0	SSE	1	c	73	55	6	2500	SK	4	A.cu	8	0		
Cranwell	1023.6	+1	NW	2	o	68	65	8	2500	SK	9	-	9	1022.7	-1	WNW	1	o	72	55	8	4000	cu	6	A.cu	10	0		
Gorleston	1022.5	0	NE	3	b	64	85	7	2500	cu	2	cl	3	1023.6	0	NE	3	ffbc	63	92	6	-	-	-	A.cu	5	0		
Pulham	1022.5	0	NNE	1	o	70	65	6	1500	SK	10	-	10	1022.8	0	ESE	2	o	67	75	7	4000	cu	8	A.cu	9	0		
Felixstowe	1023.4	0	E'S	2	bc	64	85	7	7250	SK	6	-	6	1023.3	0	NE'E	1	o	63	85	8	5750	SK	8	A.cu	9	0		
Valencia (Cahirciveen)	1025.4	0	SW	2	o	69	75	8	1500	SK	6	A.cu	10	1025.1	0	SW	2	o	66	85	7	800	SK	10	-	10	0		
Roches Point	1025.4	0	SW	3	bc	68	75	8	800	cu	5	-	5	1025.0	-1	SW	3	bc	67	85	8	-	-	-	A.cu	5	3		
Pembroke (St. Ann's H.)	1024.5	0	NW	3	b	69	75	8	7250	SK	1	-	1	1024.1	0	NW	2	b	69	75	9	-	-	-	-	0	2		
Ross-on-Wye	1023.1	0	N	2	c	77	45	8	4000	cu	7	-	7	1022.3	-1	ESE	2	bc	77	75	8	4000	cu	3	A.cu	4	0		
Beneen	1023.0	+1	N	2	c	72	65	8	-	cu	7	-	7	1022.0	-1	NE	1	bc	75	55	8	-	cu	3	A.cu	5	0		
S. Farnborough	1022.8	0	N	3	o	72	55	8	4000	SK	9	-	9	1022.1	-1	NNE	2	bc	74	55	8	4000	cu	1	A.cu	3	0		
London (Kew Obs.)	1022.9	0	N	3	o	72	55	8	4000	cu	5	A.cu	9	1022.5	0	NNE	2	b	74	55	8	5750	cu	1	A.cu	3	0		
Croydon	1022.6	0	N'E	3	o	70	55	8	4000	cu	9	-	9	1022.6	0	N	2	c	71	55	8	4000	cu	5	A.cu	8	0		
Clacton-on-Sea	1022.9	0	SE	1	bc	67	75	5	2500	SK	4	-	4	1023.0	0	E	3	bc	65	75	6	-	-	-	A.cu	5	0		
Shoeburyness	1022.9	0	SE	1	bc	67	75	5	2500	SK	4	-	4	1022.9	0	SE	1	b	67	75	6	-	-	-	A.cu	3	0		
Grain	1022.9	0	E'N	2	c	66	75	6	2500	cu	7	-	7	1023.0	0	E'N	4	bc	65	75	7	-	-	-	A.cu	6	0		
Lympe	1022.7	-1	NNE	2	c	68	75	7	1500	SK	8	-	8	1022.7	0	SE	3	c	62	85	7	4000	cu	4	A.cu	7	0		
Scilly (St. Mary's)	1024.8	0	NNE	1	b	71	75	8	-	-	-	0	1024.8	0	N'E	1	b	68	85	8	-	-	-	-	-	0	2		
Plymouth	1023.7	0	NNW	3	b	71	65	7	7250	cu	1	-	1	1023.8	+1	NNW	3	b	72	65	7	-	-	-	-	0	0		
Plymouth	1023.6	0	S	2	c	70	75	7	4000	SK	8	-	8	1023.3	0	-	0	b	66	85	7	5750	SK	1	-	1	0		
Portland Bill	1023.1	0	S	2	b	69	85	6	-	-	A.cu	3	1023.1	0	SW	1	b	65	85	6	-	-	-	A.cu	3	0			
Calshot	1023.1	0	SW	3	o	71	65	8	7250	SK	10	-	10	1022.4	-1	SW	4	o	68	75	8	5750	SK	9	-	9	0		
Dungeness	1022.9	0	E	2	bc	67	75	7	2000	cu	4	-	4	1022.5	0	E	1	bc	63	85	6	-	-	-	A.cu	4	2		
Jersey	1023.0	0	N	2	b	72	55	8	-	-	-	0	1022.6	0	N	3	bc	72	55	8	-	-	-	A.cu	4	0			

LONDON OBSERVATIONS.										WEATHER.		TEMPERATURE.			HUMIDITY.		ATMOSPHERIC POLLUTION.		SOLAR RADIATION.		POLE STAR RECORD at Greenwich Obsy.																																																																																																																																										
										Morn- ing.	After- noon.	Night.	Max. °F.	Min. °F.	Min. on Grass. °F.	15h. G.M.T.	9h. G.M.T.	Lbs. of Solid Impurity per million cubic yards.		Vertical component per square centimetre.		Exposure from 7 <sup>5</sup> 21 130 m. to 8 <sup>5</sup> 02 130 m.																																																																																																																																									
24 HOURS ENDED 0900 G.M.T. 8 <sup>5</sup>										YESTERDAY.										TO-DAY.																																																																																																																																											
Kew	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c																																																																																																																																									
Croydon	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c	o.c																																																																																																																																									
Greenwich (Royal Obsy.)	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o																																																																																																																																										
City (Benchill Row)	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o																																																																																																																																										
Westminster (St. James' Pk.)	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o																																																																																																																																										
Regents Pk. (Botanical Gdns.)	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o																																																																																																																																										
Camden Sq. (Brit. Rainfall)	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o																																																																																																																																										
Kensington Palace	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o																																																																																																																																										
Hampstead Observatory	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o																																																																																																																																										
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. 8 <sup>5</sup> 2 05 June 1921.										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 DISTURBANCE.																																																																																																																																	
STATIONS.										Sunrise.										Noon.										Sunset.										G.M.T.										Beau- fort No.										Statute miles per hour.										Metres per second.																																																																																									
Yarmouth										3.47										11.58										8.15										3										Less than 1										Less than 0.5																																																																																																			
Greenwich										3.42										11.58										8.14										4										1-3										0.3-1.5																																																																																																			
Wick										3.45										12.5										8.12										5										4-7										1.6-5.3																																																																																																			
Valencia										3.26										12.17										9.13										6										8-12										5.4-7.9																																																																																																			
										3.21										12.17										9.12										7										13-18										8.0-10.7																																																																																																			
										4.32										12.46										8.59										8										19-24										10.8-13.4																																																																																																			
										4.33										12.46										8.59										9										25-31										12.9-17.1																																																																																																			

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ For code see page 3.



SUMMARIES FOR THE PAST 24 HOURS.

ISALOBARS

Friday, 8<sup>th</sup> July

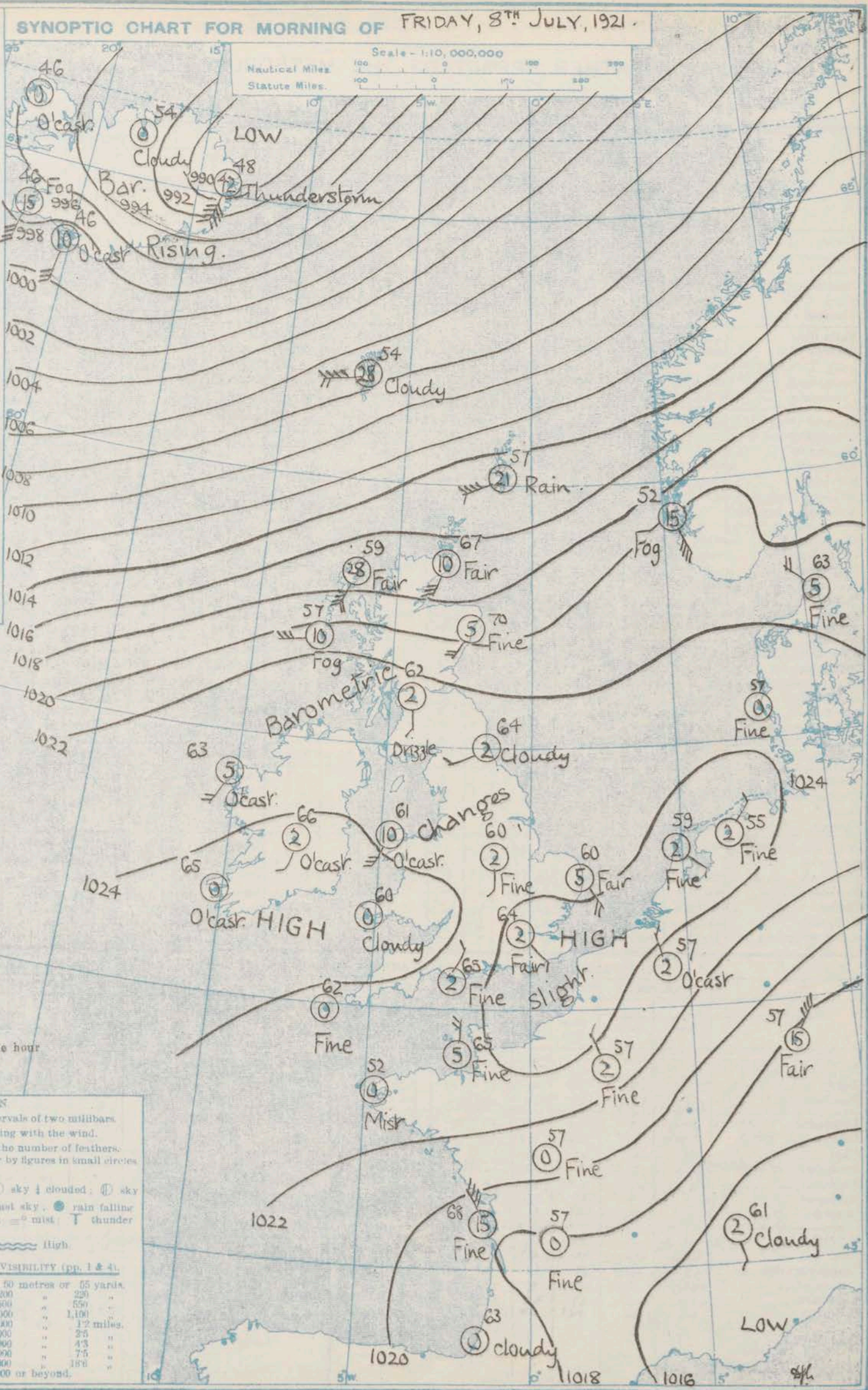
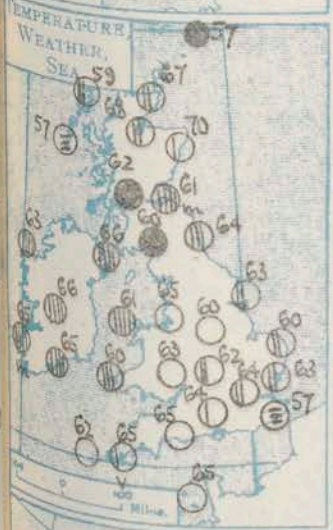
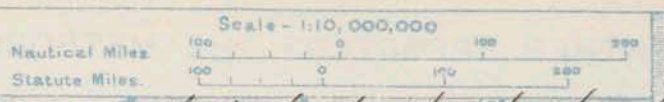
STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN. Hours.
	7h-13h.	13h-18h.	18h-7h.	7h-13h.	MAX. Day.	MIN. Night.	MIN. on GRASS.	Day. 7h-13h.	Night. 13h-7h.	Precipitation began.	
	7 <sup>th</sup>	7 <sup>th</sup>	to 1h. 8 <sup>th</sup>	8 <sup>th</sup>	7h-18h.	18h-7h.		7h-13h.	13h-7h.		
Lerwick	c	F	F	P. R.	58	51	*	1	?	430	*
Stornoway	oo	oo	oo	c	62	51	*	-	-	-	0.2
Wick	oo	oo	oo	borbc	59	55	*	-	-	-	-
Castlebay	o d f f	o r a f	i d g f	i d g f	58	57	*	2	1	-	0.0
Nairn	bc	bc	bc	bc	76	62	*	-	-	*	6.1
Aberdeen	o i m b c	o i m b c	o i m b c	o i m b c	70	56	57	-	-	-	7.1
Malin Head	C	C	f k d.	C-S F	*	*	*	0.3	-	-	-
Renfrew	c	bcv	o p r o	o p r o	71	60	60	-	Trace	-	4.6
Leith (INCHKEITH)	c	bcv	f o r m	f o r m	69	60	60	-	-	-	*
Eskdalemuir	c	bcv	o p r o	o p r o	72	56	50	-	-	-	12.0
Tynemouth	oo	o i m b c	o i m b c	o i m b c	68	58	*	-	-	-	*
Blackod Point	1 m	f o r m	f o r m	oo	66	60	*	Trace	-	1730	*
Donaghadee	c m	bc	cm	cm	64	61	*	-	-	-	*
Birr Castle	c	c	c	c	76	62	61	-	-	-	5.5
Baldonuell	borbc	oo	oo	oo	75	63	59	-	Trace	2400	6.5
Holyhead	o d b	borbc	b o c	co	69	59	59	-	-	-	10.5
Liverpool (Bidston)	borbc	borbc	b o r	bc	68	57	48	-	-	-	10.7
Manchester (Alex. Pk.)	o o i m	c b c b	o i m m	f f m	75	47	43	-	-	-	*
Howden	oo	c	borbc	oo	74	47	42	-	-	-	2.9
Spurn Head	c	c	c	c	69	57	*	-	-	-	*
Nottingham	c	c	1 m	1 m	76	53	48	-	-	-	2.2
Cranwell	oo	c	1 m	borbc	73	54	50	-	-	-	2.2
Gorleston	embz	1 m 1 m	bc c m m	c m m	65	55	52	Trace	-	-	9.0
Fulham	oo	oo	c	borbc	71	48	43	-	-	-	2.8
Felixstowe	1 m c	c	borbc	1 m	67	49	*	0.2	-	-	6.8
Valencia (Cahirciveen)	c	oo	o d o	Y o r d	70	64	63	-	1	-	1.0
Roches Point	borbc	borbc	c	c	73	60	*	-	Trace	-	*
Pembroke (St. Ann's H.)	borbc	borbc	borbc	borbc	73	57	*	-	-	-	14.9
Ross-on-Wye	b c c c	c y b c y	b c o y b	b b c b	79	54	47	-	-	-	9.2
Benson	borbc	borbc	c	c	79	50	42	-	-	-	-
S. Farnborough	c	c	b o r c	b o r c	75	50	45	-	-	-	4.6
London (Kew Obs.)	o c o	o c b c b	c z b	b b m m	75	58	50	-	-	-	3.7
Croydon	1 m o	o c y	c b i z m y	b c b m m	73	55	49	Trace	-	-	*
Clacton-on-Sea	o g	bcz	bcz	bcz	69	54	49	-	-	-	8.1
Shoeburyness	1 d o z	b z	b f f b f b	f o r m	75	49	40	0.2	-	0900	8.3
Grain	1 m i m i t o	borbc	1 z 1 z w	w	69	51	42	0.3	-	1730	8.3
Lympne	d d i s t m o	c b c 1 m	borbc	b c o w m m	69	51	38	Trace	-	0900	6.2
Scilly (St. Mary's)	borbc	borbc	borbc	borbc	72	59	*	-	-	-	12.1
Falmouth	b b y	b y b y z	b b v	b b v	74	60	58	-	-	-	12.2
Plymouth	c	bc o c	borbc	borbc	77	59	52	-	-	-	12.6
Portland Bill	borbc	borbc	borbc	borbc	76	60	*	-	-	-	*
Calshot	c	oo	c	f o r m	74	59	51	-	-	-	8.4
Dungeness	oo	borbc m	m	f f	68	51	*	Trace	-	-	14.2
Jersey	b	b b c	b w	b w	74	58	*	-	-	-	14.2

Temperature reported from Cross Channel and Coastal Stations

Position Number	3	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								</
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SYNOPTIC CHART FOR MORNING OF FRIDAY, 8<sup>TH</sup> JULY, 1921.



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

**EXPLANATION**

**BAROMETER.** Isohars 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.

Mass velocity is shown in miles per hour by figures in small circles.

**TEMPERATURE** is given in °F.

**SKY CONDITION SYMBOLS:** ☉ clear sky; ☂ sky 1/4 clouded; ☁ sky 1/2 clouded; ☄ sky 3/4 clouded; ☉☂ sky 1/4 clouded; ☉☄ overcast sky; ☉☂☄ rain falling; ☉☂☄☂ sleet; ▲ hail; ≡ fog; ≡ mist; ⚡ thunder.

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

**TELEGRAPHIC CODE FOR SURFACE VISIBILITY (pp. 1 & 4).**

	Objects not visible at	50 metres or	55 yards.
0. Dense fog.	"	200	220 "
1. Rather thick fog.	"	"	550 "
2. Very bad	"	1,000	1,100 "
3. Bad	"	2,000	12 miles.
4. Very poor	"	4,000	2 1/2 "
5. Poor	"	7,000	4 1/2 "
6. Indifferent.	"	12,000	7 1/2 "
7. Fair	"	20,000	18 1/2 "
8. Good	"	"	"
9. Very good	"	"	"

Objects visible at 20,000 or beyond.



DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. FRIDAY, 8<sup>TH</sup> JULY.....1921.

No. 189.

1 See footnote page 1.



# AIR MINISTRY.

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

BRITISH SECTION.

No. B.21,779

SATURDAY, 9 JULY, 1921.

Page 1.

STATIONS.	Observations at 1300 G.M.T.														Observations at 1800 G.M.T.													
	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp.	Humidity.	Visibility.	Height of Low Cloud.	Cloud.			Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp.	Humidity.	Visibility.	Height of Low Cloud.	Cloud.			Sea.			
			Direc.	Force						Form.	Amt.	Upper Form.			Amt.	Direc.						Force	Form.	Amt.		Upper Form.	Amt.	
																												0-12
Lerwick	1016.4	+3	WSW	5	fo.	50	92	5	5750	Nb	10	-	10	1018.7	+2	W	4	bc	55	92	6	5750	cu	3	cu	5	3	
Sornoway	1016.6	+3	SW	5	fo.	60	85	9	2500	cu	8	-	8	1020.9	+4	SW	3	o+	63	65	8	800	st	9	-	9	2	
Wick	1018.6	+2	SSE	1	bc	60	85	9	2500	cu	5	-	5	1020.4	+2	SSE	2	bc	56	92	8	8750	cu	6	-	6	0	
Castellbay	1021.6	+2	SW	3	fo	59	97	4	800	st	10	-	10	1022.2	+1	S	2	fo	58	97	+	800	st	10	-	10	1	
Nairn	1019.7	+1	SE	2	fo	74	65	8	4000	cu	8	-	8	1020.6	+1	W	2	c	69	+	+	+	+	+	+	+	+	
Aberdeen	1019.7	+1	SE	2	fo	74	65	8	4000	cu	8	-	8	1021.1	+2	E'N	1	c/v	64	85	8	4000	cu	7	-	7	0	
Malin Head	1022.6	+1	WSW	2	fo	64	97	7	4000	st	8	-	8	1022.6	0	WSW	2	c	66	97	8	-	-	-	Acu	8	1	
Renfrew	1022.7	+1	SW	3	fo	72	75	8	1500	st	9	-	9	1022.9	+1	WSW	3	o	71	85	8	2500	st	10	-	10	0	
Leith (N.W. 561714)	1021.4	+2	W	3	c	69	75	8	-	st	8	-	8	1021.7	+1	W	3	c	70	75	9	-	cu	2	Acu	7	2	
Eskdalemuir	1023.0	0	SW	3	o	69	75	7	2500	st	10	-	10	1023.6	0	SW	2	o	68	75	7	2500	st	10	-	10	0	
Tynemouth	1022.6	0	SSW	1	o	66	75	7	5750	st	10	-	10	1022.0	0	NW	2	o	76	55	8	5750	st	10	-	10	0	
Blackod Point	1022.1	+1	SW	1	o	70	75	6	450	st	10	-	10	1023.8	0	SSW	2	o+	68	85	7	800	st	9	-	9	0	
Donaghadee	1022.5	0	W	1	c	70	75	8	5750	cu	8	-	8	1022.9	0	SW	1	c	72	65	8	-	-	-	Acu	8	0	
Birr Castle	1023.7	0	W	1	o	74	85	7	2500	st	9	-	9	1023.4	0	W	1	o	76	75	8	2500	cu	9	-	9	0	
Baldonnell	1024.3	0	S	2	o	71	75	9	2500	st	10	-	10	1023.3	-1	W'N	1	o	78	55	9	4000	st	9	-	9	0	
Holyhead	1024.8	+1	SW'W	2	c	70	85	8	1500	st	8	-	8	1024.1	-1	NW	1	bv	69	85	9	4000	cu	1	Acu	2	0	
Liverpool (Bidston)	1024.1	+1	W'N	2	o+	67	85	5	1500	st	9	-	9	1023.8	0	NW'W	1	b	70	75	8	-	-	-	-	0	1	
Manchester (Alex. Pk.)	1023.3	-1	WNW	3	o+	77	55	6	2500	cu	10	-	10	1022.9	-1	WNW	3	bc	77	55	7	4000	cu	2	Acu	4	0	
Howden	1022.8	-1	SW	2	bc	81	55	6	4000	cu	4	-	4	1022.4	0	E'N	3	c+	77	65	6	5750	st	6	Acu	7	0	
Spurn Head	1022.9	0	SE	3	b	71	97	7	5750	cu	1	-	1	1022.7	0	ESE	3	b	67	75	7	-	-	-	Acu	1	0	
Nottingham	1022.7	0	ESE	1	bc	82	45	6	4000	cu	1	Acu	3	1022.2	0	S	1	o+	80	55	6	2500	cu	5	Acu	9	0	
Cranwell	1023.1	0	NW	1	b+	77	45	7	4000	cu	2	-	2	1022.4	0	E	4	b	79	45	8	4000	st	1	-	1	0	
Gorleston	1024.6	+1	S	4	b	61	85	6	-	-	-	Acu	1	1023.8	-1	S	3	b	61	92	6	-	-	-	-	0	1	
Fulham	1023.5	0	SSE	3	bc	76	65	8	4000	cu	5	-	5	1023.8	+1	SE'S	2	b	70	65	8	-	-	-	-	0	0	
Felixstowe	1023.3	0	SE'S	3	b	75	7	-	-	-	-	Acu	2	1024.6	-1	SE	3	b	63	85	7	-	-	-	-	0	1	
Valencia (Cahirciveen)	1024.4	-1	W SW	2	bc	71	85	9	2500	cu	3	Acu	4	1024.3	0	WSW	2	ifb	67	85	8	1500	cu	2	Acu	3	0	
Roches Point	1024.9	0	S	2	c	72	85	8	1500	cu	7	-	7	1025.0	-1	S	1	b	69	75	8	1500	st	2	-	2	0	
Pembroke (St. Ann's H.)	1025.0	0	W	2	c	64	92	8	5750	st	7	-	7	1024.4	-1	NW	2	b	68	75	8	-	-	-	-	0	2	
Ross-on-Wye	1022.8	-2	N	1	bv	82	45	9	5750	cu	3	-	3	1022.2	-1	NE	3	c+	84	45	9	4000	st	7	-	7	0	
Benson	1022.9	-2	NW	1	c+	79	45	8	-	cu	7	-	7	1021.8	-1	-	0	b	85	35	8	-	cu	3	-	3	0	
S. Farnborough	1023.1	-1	WSW	2	c+	80	45	8	4000	cu	7	-	7	1022.4	0	SSW	4	c	75	55	8	4000	st	7	-	7	0	
London (Kew Obs.)	1023.4	-1	SW	1	bc	77	45	6	4000	cu	6	-	6	1022.7	0	S	3	b	77	45	8	-	-	-	Acu	1	0	
Croydon	1023.5	-1	S	2	bc	78	45	8	4000	cu	4	Acu	5	1023.1	0	S	3	b	74	55	8	-	-	-	Acu	1	0	
Clacton-on-Sea	1024.8	0	ESE	2	b	70	65	6	-	-	-	-	-	1024.1	-1	ESE	3	b	63	85	6	-	-	-	-	0	0	
Shoeburyness	1024.8	0	ESE	2	b	70	65	6	-	-	-	-	-	1024.0	-1	SE	1	b	64	65	7	-	-	-	-	0	0	
Graig	1024.4	-1	ENE	4	b	69	65	8	4000	cu	1	-	1	1023.7	-1	ENE	3	b	68	75	8	-	-	-	-	0	0	
Lymington	1024.3	-1	SE	4	b	68	75	8	4000	cu	2	-	2	1023.6	-1	ESE	3	b	66	75	8	-	-	-	-	0	0	
Stilly (St. Mary's)	1024.8	0	NNE	1	b	71	75	8	-	-	-	-	-	1024.5	0	-	0	b	70	85	8	-	-	-	-	0	1	
Plymouth	1024.1	0	SSE	2	b	74	55	8	-	cu	1	-	1	1023.5	-1	NNW	3	b	76	55	8	-	-	-	-	0	0	
Plymouth	1023.8	0	SSW	3	bc	70	75	8	4000	st	4	-	4	1023.6	0	SSW	2	b	69	75	8	5750	cu	3	-	3	0	
Portland Bill	1023.1	0	NE	1	b	66	85	6	-	-	-	-	-	1023.1	0	-	0	b	66	85	7	-	-	-	-	0	0	
Calshot	1024.2	0	ESE	4	ifb	69	75	7	-	-	-	Acu	1	1023.6	0	SW	2	ifb	71	65	7	4000	cu	1	-	1	0	
Dungeness	1024.3	0	SE	1	ifb	65	75	6	-	-	-	-	-	1023.6	-1	SE	3	bv	63	85	8	-	-	-	-	0	2	
Jersey	1023.8	0	N	2	b	74	55	8	-	-	-	-	-	1023.4	0	NNE	2	b	74	55	8	-	-	-	-	0	0	

LONDON OBSERVATIONS.										POLE STAR RECORD at Greenwich Obsy.				
WEATHER.			TEMPERATURE.			RAIN-FALL.	SUN-SHINE to Sunset.	HUMIDITY.		ATMOSPHERIC POLLUTION. Lbs. of Solid impurity per million cubic yards.	SOLAR RADIATION. Vertical component per square centimetre.	POLE STAR RECORD at Greenwich Obsy.		
Morning.	Afternoon.	Night.	Max. of.	Min. of.	Min. on Grass.			15h. G.M.T.	9h. G.M.T.			Exposure from	Stars.	Exposure.
24 HOURS ENDED 0900 G.M.T.												24 HOURS ENDED 1800 G.M.T.		
Kew												South Kensington		
Croydon												South Kensington.		
Greenwich (Royal Obsy.)												Total 1499.9 Joules		
City (Bunhill Row)												Average Rate		
Westminster (St. James' Pk.)												25.4 Milliwatts.		
Regents Pk. (Botanical Gdns.)												Maximum Rate		
Camden Sq. (Bria. Rainfall)												66 Milliwatts.		
Kensington Palace														
Hampstead Observatory														

STATIONS.			BEAUFORT NOTATION OF WEATHER.			SEA DISTURBANCE.			BEAUFORT No.		
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).	0 = no swell	1 = mod. swell	2 = heavy swell	3 = no swell	4 = mod. swell	5 = heavy swell
G.M.T.	G.M.T.	G.M.T.	d drizzle, or fine rain.	e fog.	f fog.	6 = rather rough sea.	7 = rough sea.	8 = very rough sea.	9 = mountainous sea.	10 = calm or slight sea.	11 = moderate sea.
Yarmouth	3.42	11.58	h hail. KQ line squall. lightning. <td>m mist.<td>o overcast sky.<td>12 = calm or slight sea.<td>13 = moderate sea.<td>14 = heavy swell.<td>15 = mountainous sea.<td>16 = calm or slight sea.<td>17 = moderate sea.</td></td></td></td></td></td></td></td>	m mist. <td>o overcast sky.<td>12 = calm or slight sea.<td>13 = moderate sea.<td>14 = heavy swell.<td>15 = mountainous sea.<td>16 = calm or slight sea.<td>17 = moderate sea.</td></td></td></td></td></td></td>	o overcast sky. <td>12 = calm or slight sea.<td>13 = moderate sea.<td>14 = heavy swell.<td>15 = mountainous sea.<td>16 = calm or slight sea.<td>17 = moderate sea.</td></td></td></td></td></td>	12 = calm or slight sea. <td>13 = moderate sea.<td>14 = heavy swell.<td>15 = mountainous sea.<td>16 = calm or slight sea.<td>17 = moderate sea.</td></td></td></td></td>	13 = moderate sea. <td>14 = heavy swell.<td>15 = mountainous sea.<td>16 = calm or slight sea.<td>17 = moderate sea.</td></td></td></td>	14 = heavy swell. <td>15 = mountainous sea.<td>16 = calm or slight sea.<td>17 = moderate sea.</td></td></td>	15 = mountainous sea. <td>16 = calm or slight sea.<td>17 = moderate sea.</td></td>	16 = calm or slight sea. <td>17 = moderate sea.</td>	17 = moderate sea.
Greenwich	3.43	11.57	p passing showers. <td>r rain.<td>rs sleet, i.e. rain and snow together.<td>18 = calm or slight sea.<td>19 = moderate sea.<td>20 = heavy swell.<td>21 = mountainous sea.<td>22 = calm or slight sea.<td>23 = moderate sea.</td></td></td></td></td></td></td></td>	r rain. <td>rs sleet, i.e. rain and snow together.<td>18 = calm or slight sea.<td>19 = moderate sea.<td>20 = heavy swell.<td>21 = mountainous sea.<td>22 = calm or slight sea.<td>23 = moderate sea.</td></td></td></td></td></td></td>	rs sleet, i.e. rain and snow together. <td>18 = calm or slight sea.<td>19 = moderate sea.<td>20 = heavy swell.<td>21 = mountainous sea.<td>22 = calm or slight sea.<td>23 = moderate sea.</td></td></td></td></td></td>	18 = calm or slight sea. <td>19 = moderate sea.<td>20 = heavy swell.<td>21 = mountainous sea.<td>22 = calm or slight sea.<td>23 = moderate sea.</td></td></td></td></td>	19 = moderate sea. <td>20 = heavy swell.<td>21 = mountainous sea.<td>22 = calm or slight sea.<td>23 = moderate sea.</td></td></td></td>	20 = heavy swell. <td>21 = mountainous sea.<td>22 = calm or slight sea.<td>23 = moderate sea.</td></td></td>	21 = mountainous sea. <td>22 = calm or slight sea.<td>23 = moderate sea.</td></td>	22 = calm or slight sea. <td>23 = moderate sea.</td>	23 = moderate sea.
Wick	3.56	12.5	s snow. <td>t thunder.<td>z dust haze; the turbid atmosphere of dry weather.<td>24 = calm or slight sea.<td>25 = moderate sea.<td>26 = heavy swell.<td>27 = mountainous sea.<td>28 = calm or slight sea.<td>29 = moderate sea.</td></td></td></td></td></td></td></td>	t thunder. <td>z dust haze; the turbid atmosphere of dry weather.<td>24 = calm or slight sea.<td>25 = moderate sea.<td>26 = heavy swell.<td>27 = mountainous sea.<td>28 = calm or slight sea.<td>29 = moderate sea.</td></td></td></td></td></td></td>	z dust haze; the turbid atmosphere of dry weather. <td>24 = calm or slight sea.<td>25 = moderate sea.<td>26 = heavy swell.<td>27 = mountainous sea.<td>28 = calm or slight sea.<td>29 = moderate sea.</td></td></td></td></td></td>	24 = calm or slight sea. <td>25 = moderate sea.<td>26 = heavy swell.<td>27 = mountainous sea.<td>28 = calm or slight sea.<td>29 = moderate sea.</td></td></td></td></td>	25 = moderate sea. <td>26 = heavy swell.<td>27 = mountainous sea.<td>28 = calm or slight sea.<td>29 = moderate sea.</td></td></td></td>	26 = heavy swell. <td>27 = mountainous sea.<td>28 = calm or slight sea.<td>29 = moderate sea.</td></td></td>	27 = mountainous sea. <td>28 = calm or slight sea.<td>29 = moderate sea.</td></td>	28 = calm or slight sea. <td>29 = moderate sea.</td>	29 = moderate sea.
Valencia	3.21	12.49				30 = calm or slight sea. <td>31 = moderate sea.<td>32 = heavy swell.<td>33 = mountainous sea.<td>34 = calm or slight sea.<td>35 = moderate sea.</td></td></td></td></td>	31 = moderate sea. <td>32 = heavy swell.<td>33 = mountainous sea.<td>34 = calm or slight sea.<td>35 = moderate sea.</td></td></td></td>	32 = heavy swell. <td>33 = mountainous sea.<td>34 = calm or slight sea.<td>35 = moderate sea.</td></td></td>	33 = mountainous sea. <td>34 = calm or slight sea.<td>35 = moderate sea.</td></td>	34 = calm or slight sea. <td>35 = moderate sea.</td>	35 = moderate sea.
	3.22	12.47				36 = calm or slight sea. <td>37 = moderate sea.<td>38 = heavy swell.<td>39 = mountainous sea.<td>40 = calm or slight sea.<td>41 = moderate sea.</td></td></td></td></td>	37 = moderate sea. <td>38 = heavy swell.<td>39 = mountainous sea.<td>40 = calm or slight sea.<td>41 = moderate sea.</td></td></td></td>	38 = heavy swell. <td>39 = mountainous sea.<td>40 = calm or slight sea.<td>41 = moderate sea.</td></td></td>	39 = mountainous sea. <td>40 = calm or slight sea.<td>41 = moderate sea.</td></td>	40 = calm or slight sea. <td>41 = moderate sea.</td>	41 = moderate sea.
	4.33	12.46				42 = calm or slight sea. <td>43 = moderate sea.<td>44 = heavy swell.<td>45 = mountainous sea.<td>46 = calm or slight sea.<td>47 = moderate sea.</td></td></td></td></td>	43 = moderate sea. <td>44 = heavy swell.<td>45 = mountainous sea.<td>46 = calm or slight sea.<td>47 = moderate sea.</td></td></td></td>	44 = heavy swell. <td>45 = mountainous sea.<td>46 = calm or slight sea.<td>47 = moderate sea.</td></td></td>	45 = mountainous sea. <td>46 = calm or slight sea.<td>47 = moderate sea.</td></td>	46 = calm or slight sea. <td>47 = moderate sea.</td>	47 = moderate sea.
	4.34	12.46				48 = calm or slight sea. <td>49 = moderate sea.<td>50 = heavy swell.<td>51 = mountainous sea.<td>52 = calm or slight sea.<td>53 = moderate sea.</td></td></td></td></td>	49 = moderate sea. <td>50 = heavy swell.<td>51 = mountainous sea.<td>52 = calm or slight sea.<td>53 = moderate sea.</td></td></td></td>	50 = heavy swell. <td>51 = mountainous sea.<td>52 = calm or slight sea.<td>53 = moderate sea.</td></td></td>	51 = mountainous sea. <td>52 = calm or slight sea.<td>53 = moderate sea.</td></td>	52 = calm or slight sea. <td>53 = moderate sea.</td>	53 = moderate sea.

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ For code see page 3.



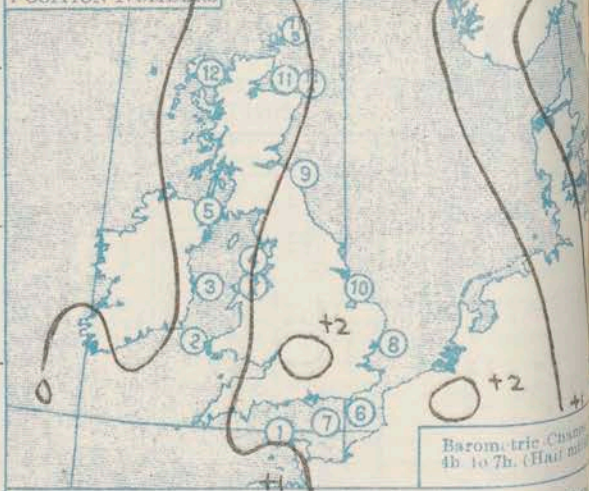
## SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER.					TEMPERATURE.			RAINFALL.			SUN. Hours.
	7h-13h.	13h-18h.	18h-24h.	1h-7h.	9h-12h.	MAX. Day. 7h-13h.	MIN. Night. 13h-7h.	MIN. on GRASS.	Day. 7h-13h.	Night. 13h-7h.	Precipitation began.	
Lerwick ...	plm	c	oo	ife	oo	57	51	.	1	Trace	6.30	7.7
Stornoway ...	c	c	c	oo	oo	65	58	.	-	-	-	.
Wick ...	barbc	barbc	c	oo	oo	69	42	.	-	-	-	0.0
Castlebay ...	fdom	aidom	idoff	off	off	65.9	50.56	.	-	0.3	-	7.2
Nairn ...	bcag	qbc	bocg	eg	eg	76	60	.	-	-	-	5.0
Aberdeen ...	barbc	p	bocg	bcg	bcg	81	54	49	0.4	0.1	7.30	.
Malin Head ...	c	c	c	c	c	68	61	.	-	-	-	1.7
Renfrew ...	opd.12	oco	ocom	icm	icm	75	59	51	TRACE	-	-	0.0
Leith (NCHMET)	c	c	c	c	c	73	60	87	-	-	-	0.4
Eskdalemuir ...	idom	oit	oo	oo	oo	70	58	87	TRACE	-	-	.
Tynemouth ...	oolm	oo	oim	im	im	77	65	.	-	-	-	.
Blacksod Point ...	oo	c	c	form	form	71	60	.	-	-	-	.
Donaghadee ...	bc	cm	cm	cm	cm	72	56	.	-	-	-	2.3
Birr Castle ...	c	bc	c	bc	bc	77	65	60	TRACE	-	-	2.2
Baldonnell ...	oo	oo	c	c	c	79	60	57	TRACE	-	-	7.6
Holyhead ...	oco	cbcb	barbc	b. bc	b. bc	74	58	51	-	-	-	10.1
Liverpool (Bidston) ...	c	barbc	b. bc	b. bc	b. bc	72	57	52	-	-	-	.
Manchester (Alex. Pk.)	c	cbcb	F. bc	bc	bc	81	54	50	-	-	-	.
Howden ...	barbc	barbc	form	oo	oo	84	62	58	-	-	-	11.9
Spurn Head ...	c	barbc	barbc	c	c	72	65	.	-	-	-	11.4
Nottingham ...	barbc	barbc	c	c	c	83	56	53	-	-	-	13.8
Cranwell ...	lm barbc	barbc	m	barbc	barbc	82	54	50	-	-	-	11.0
Gorleston ...	lm barbc	lm barbc	barbc	barbc	barbc	62	55	49	-	-	-	10.6
Pulham ...	barbc	barbc	barbc	barbc	barbc	78	46	42	-	-	-	11.4
Felixstowe ...	c	barbc	beco	co	co	68	48	.	-	-	-	11.4
Valencia (Cahiroiveen) ...	c	bcim	form	barbc	barbc	71	62	56	-	-	-	6.3
Roches Point ...	oo	barbc	b. bc	b. bc	b. bc	74	58	.	-	0.1	-	7.5
Pembroke (St. Ann's H.) ...	c	barbc	barbc	barbc	barbc	71	60	.	-	-	-	13.1
Ross-on-Wye ...	bcbv	bcbv	ocg	bcbv	bcbv	85	61	54	-	-	-	7.7
Benson ...	barbc	barbc	b. bc	b. bc	b. bc	86	54	.	-	-	-	8.8
S. Faraborough ...	c	c	b. bc	b. bc	b. bc	81	50	45	-	-	-	.
London (KEW OBSV.) ...	bcbv	bcbv	bcbv	bcbv	bcbv	81	55	45	-	-	-	13.4
Croydon ...	bcbv	bcbv	bcbv	bcbv	bcbv	79	53	48	-	-	-	13.7
Glaughton-on-Sea ...	bc	b2	bcg	bcz	bcz	66	56	50	-	Trace	-	13.5
Shoeburyness ...	barbc	b	b. bc	b. bc	b. bc	70	50	45	-	-	-	12.6
Grain ...	form	barbc	f. m	m	m	70	55	43	-	-	-	14.6
Lympe ...	bcim	barbc	barbc	barbc	barbc	69	52	39	-	-	-	14.6
Soilly (St. Mary's) ...	barbc	barbc	barbc	barbc	barbc	73	61	.	-	-	-	14.5
Falmouth ...	bby	bby	b. b	b. b	b. b	79	60	56	-	-	-	12.1
Plymouth ...	barbc	barbc	barbc	barbc	barbc	72	50	.	-	-	-	14.1
Portland Bill ...	barbc	barbc	barbc	barbc	barbc	60	57	.	-	-	-	.
Calshot ...	barbc	form	barbc	form	form	75	59	51	-	-	-	14.1
Dungeness ...	ikm	barbc	barbc	barbc	barbc	67	51	.	-	-	-	14.1
Jersey ...	b	b	b	b	b	76	59	.	-	-	-	.

ISALLOBARS

5th JULY

POSITION NUMBERS





SYNOPTIC CHART FOR MORNING OF Saturday, 9<sup>th</sup> July, 1921Scale - 1:10,000,000  
Nautical Miles. 100 0 100 200  
Statute Miles. 160 0 160 320

cover  
Southern  
all still  
over  
Kingdom  
waters  
late

Outlook

uing  
warm  
y.

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

**EXPLANATION**

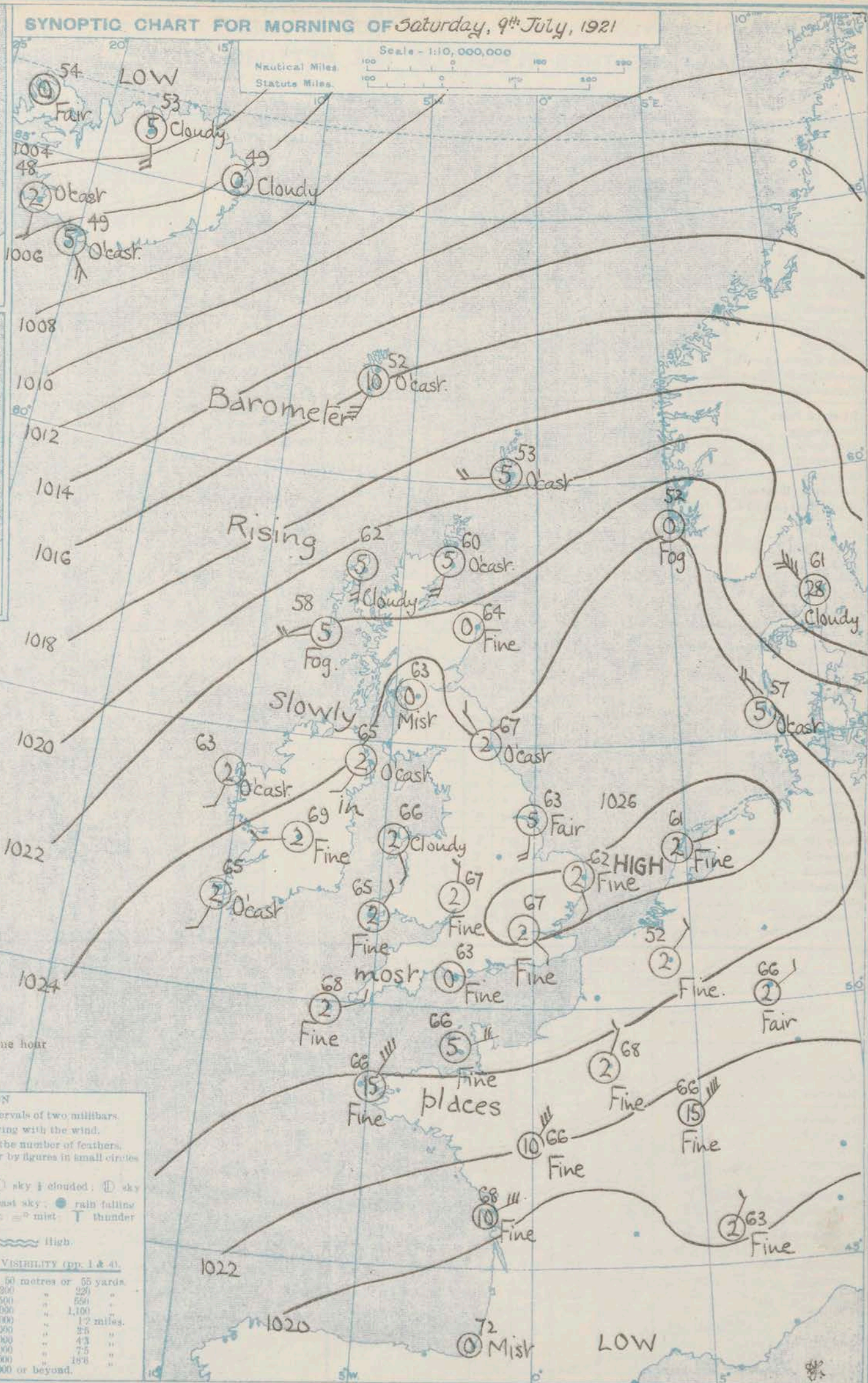
**BAROMETER:** Isobars are drawn for intervals of two millibars.  
Wind Direction is shown by arrows flying with the wind.  
Force, on the scale 0-12, is indicated by the number of feathers.  
Mean velocity is shown in miles per hour by figures in small circles.  
TEMPERATURE is given in °F.

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

**SEA DISTURBANCE:** ~~~~~ Rough. ~~~~~ High.

**TELEGRAPHIC CODE FOR SURFACE VISIBILITY (pp. 1 & 4).**

Objects not visible at	50 metres or 65 yards.	200 "	300 "	500 "	1,000 "	2,000 "	4,000 "	7,000 "	12,000 "	20,000 "	Objects visible at 30,000 or beyond.
Dense fog	0	1	2	3	4	5	6	7	8	9	10
Better thick fog	1	2	3	4	5	6	7	8	9	10	11
Very bad	2	3	4	5	6	7	8	9	10	11	12
Very poor	3	4	5	6	7	8	9	10	11	12	13
Poor	4	5	6	7	8	9	10	11	12	13	14
Indifferent	5	6	7	8	9	10	11	12	13	14	15
Good	6	7	8	9	10	11	12	13	14	15	16
Very good	7	8	9	10	11	12	13	14	15	16	17









# AIR MINISTRY.

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

BRITISH SECTION.

No. B.21780

SUNDAY, 10<sup>th</sup> JULY 1921.

Page 1.

STATIONS.	Observations at 1300 G.M.T.													Observations at 1800 G.M.T.																		
	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. of.	Humidity. %	Visibility. 0-8	Height of Low Cloud. Feet	Cloud.			Sea.	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. of.	Humidity. %	Visibility. 0-8	Height of Low Cloud. Feet	Cloud.			Sea.						
			Direc.	Force						Form.	Amt.	Form.				Amt.	Form.						Amt.	Form.	Amt.							
																											0-12	0-10	0-10	0-10	0-10	0-10
m.b.		0-12							0-10	0-10	0-10	0-8	m.b.		0-12								0-10	0-10	0-10	0-8						
Lerwick	1019.1	0	N	4	o/r	58	97	6	7250	Nb	6	CiSr	9	1017.7	-1	N	5	o/r	57	97	5	4000	Nb	10	-	10	4					
Sornoway	1020.6	0	SSW	5	o	66	95	7	1500	Sr	9	-	9	1020.0	0	N	4	o	64	85	7	450	Sr	10	-	10	3					
Wick	1020.9	0	SW	1	o	62	92	8	800	Sr	2	ASr	10	1019.9	-1	NNW	1	o	69	75	8	5750	Sr	10	-	10	0					
Castellbay	1022.8	0	SW	4	fo	60	92	5	2500	Sr	10	-	10	1022.4	0	SSW	3	c/f	60	85	6	1500	Sr	5	ASr	7	1					
Nairn	1021.7	-2	SE	3	bc	76	55	8	4000	Cu	6	-	6	1020.9	0	N	2	c	71	-	-	-	-	-	-	-	-					
Aberdeen	1021.7	-2	SE	3	bc	76	55	8	4000	Cu	6	-	6	1021.5	+1	-	0	o+	71	65	8	4000	Cu	10	-	10	?					
Malin Head	1023.5	0	WNW	1	cu	67	97	9	4000	Sr	8	-	8	1022.9	0	WNW	1	o+	67	97	9	4000	Sr	9	-	9	1					
Renfrew	1024.0	0	WNW	2	c	73	75	8	4000	Sr	7	ASr	9	1023.0	-2	SW	2	o	72	85	8	2500	Sr	10	-	10	3					
Leith (INCHKEITH)	1022.9	-3	N	3	c	76	55	8	-	Cu	5	ACu	7	1021.6	-1	N	3	c	73	65	8	-	Sr	3	ACu	8	2					
Rakdalenair	1024.2	0	SSW	3	c	75	55	7	4000	Cu	8	-	8	1023.1	-1	SW	3	b	75	55	8	5750	Cu	2	-	2	3					
Tynemouth	1024.9	0	SW	1	bc	70	75	7	2500	Sr	2	CiCu	4	1023.3	-2	N	2	bc	65	75	7	4000	Cu	2	CiCu	4	0					
Blacksod Point	1022.7	+1	SW	1	c	71	75	8	4000	Cu	8	-	8	1022.8	0	SW	2	c	68	85	8	4000	Cu	8	-	8	0					
Donaghadee	1024.2	0	SE	2	c	76	85	8	-	-	-	ACu	8	1022.7	-1	SE	1	b	70	75	8	-	-	-	ACu	3	0					
Barr Castle	1023.1	0	SW	1	c	81	65	7	2500	Sr	7	-	7	1022.5	0	SW	1	b	80	65	7	-	-	-	ACu	3	0					
Baldonnell	1023.9	-1	E'N	1	c	77	65	8	5750	Sr	7	-	7	1023.0	-1	SW	2	b	80	35	8	5750	Cu	1	-	1	0					
Holyhead	1025.1	0	NW	2	b	67	85	8	5750	Cu	1	CiCu	2	1024.0	-2	SE	1	b	70	85	8	-	-	-	0	-	0					
Liverpool (Bidston)	1024.5	-1	NW	1	b	79	45	9	5750	Cu	1	CiCu	2	1023.7	0	NW	1	bc	72	65	8	1500	Cu	4	-	4	1					
Manchester (Alex.Pk.)	1024.3	-1	SW	2	c+	83	45	7	4000	Sr	8	-	8	1022.9	-1	NW	3	c+	83	45	8	2500	Sr	4	ASr	7	0					
Howden	1024.6	0	SE	2	b	86	45	7	4000	Cu	3	-	3	1023.0	-1	SE	4	b	82	55	6	-	-	-	0	-	0					
Spurn Head	1025.8	0	S	4	b	72	85	8	-	-	-	-	0	1024.3	-1	S	4	b	67	75	8	-	-	-	0	-	0					
Nottingham	1024.1	0	E	2	b	86	35	6	4000	Cu	3	-	3	1023.3	0	ESE	2	b	81	45	6	-	-	-	0	-	0					
Cranwell	1025.0	0	SE	3	b	83	35	8	4000	Cu	1	-	1	1024.1	-1	E	3	b	81	45	8	-	-	-	0	-	0					
Gorleston	1026.0	0	SE	3	b	66	75	8	-	-	0	-	0	1025.7	-1	SW	3	b	64	69	9	-	-	-	0	-	0					
Pulham	1025.9	0	ESE	3	b	79	45	9	-	-	0	-	0	1025.4	0	SE	2	b	73	55	9	5750	Sr	1	-	1	0					
Pelkshawe	1027.4	0	E	3	b	67	65	8	-	-	0	-	0	1026.2	-1	E'N	2	b	64	65	9	-	-	-	0	-	0					
Valencia (Cahirciveen)	1024.9	0	SSW	2	b	73	65	9	2500	Cu	2	-	2	1024.1	-1	SE	2	b	73	65	8	-	-	-	0	-	0					
Roshea Point	1025.5	0	S	2	b	71	75	8	-	-	0	-	0	1025.9	-1	SSW	2	b	69	85	8	-	-	-	0	-	0					
Pembroke (St. Ann's H.)	1025.0	0	WNW	1	b	69	85	8	-	-	0	-	0	1024.4	-1	WNW	1	b	72	75	8	-	-	-	0	-	0					
Rose-on-Wye	1023.7	-1	ENE	3	bc	85	45	7	4000	Cu	5	-	5	1022.6	-2	SE	1	b	83	45	7	5750	Sr	2	-	2	0					
Beacon	1025.5	-2	SE	1	b	83	35	8	-	-	0	-	0	1023.4	-2	ESE	2	b	82	35	6	-	-	-	0	-	0					
S. Farnborough	1025.9	-1	SE	2	b	83	35	8	5750	Cu	1	-	1	1023.7	-1	SE	2	b	82	45	8	-	-	-	0	-	0					
London (Kew Obs.)	1025.6	-1	ENE	3	b+	80	35	8	5750	Cu	2	-	2	1024.0	-1	E	4	b	91	35	8	-	-	-	0	-	0					
Croydon	1025.0	-1	NE	1	b	80	35	8	4000	Cu	1	-	1	1024.1	0	E	3	b	78	45	8	-	-	-	0	-	0					
Clacton-on-Sea	1026.6	+1	SE	2	b	71	65	7	-	-	0	-	0	1025.9	-1	ENE	3	b	68	65	7	-	-	-	0	-	0					
Rhosbarryness	1026.5	0	ENE	4	b	68	75	8	4000	Cu	1	-	1	1025.5	-1	E'N	2	b	67	75	8	-	-	-	0	-	0					
Grain	1026.5	0	ENE	4	b	75	55	9	4000	Cu	1	-	1	1025.7	-1	ENE	4	b	68	65	8	-	-	-	0	-	0					
Lympe	1025.6	0	E'S	4	b	75	55	9	4000	Cu	1	-	1	1024.8	0	NE	3	b	72	55	8	-	-	-	0	-	0					
Boilly (St. Mary's)	1024.7	0	-	0	b	75	55	8	-	-	0	-	0	1025.1	0	-	0	b	75	75	8	-	-	-	0	-	0					
Palmouth	1025.5	0	SE	2	b	71	65	7	-	-	0	-	0	1024.6	-1	ESE	2	b	73	55	7	-	-	-	0	-	0					
Plymouth	1025.7	+1	SSW	3	b	70	65	8	-	-	0	-	0	1024.9	-1	SSW	2	b	69	55	8	-	-	-	0	-	0					
Portland Bill	1024.9	+2	E	1	b	70	75	8	-	-	0	-	0	1024.2	0	-	0	b	68	85	8	-	-	-	0	-	0					
Calshot	1025.6	-1	ESE	3	b	73	75	8	-	-	0	-	0	1024.6	-1	E'S	3	fb	70	65	7	-	-	-	0	-	0					
Dungeness	1026.0	+1	ENE	3	b	69	75	7	-	-	0	-	0	1025.1	-1	ENE	3	b	66	75	7	-	-	-	0	-	0					
Jersey	1024.4	0	ENE	3	b	78	45	8	-	-	0	-	0	1023.6	0	NE	3	b	76	45	8	-	-	-	0	-	0					

LONDON OBSERVATIONS.	WEATHER.			TEMPERATURE.			RAIN-FALL.	SUN-SHINE.	HUMIDITY.		ATMOSPHERIC POLLUTION.	SOLAR RADIATION.	POLE STAR RECORD at Greenwich Obsy.		
	Morning.	Afternoon.	Night.	Max. of.	Min. of.	Min. on Grass. of.			15h. G.M.T.	9h. G.M.T.			Exposure from		
													to		
Kew	24 hours ended 0900 G.M.T.	10									24 Hrs. ended 1800 G.M.T.		During yesterday.		
Croydon	24 hours ended 0700	10									South Kensington		South Kensington.		
Greenwich (Royal Obsy.)											Max. Time. Min. Time.	Total	Stars.	Exposure.	Record.
City (Bonhill Row)												Average Rate	h. m. h. m. %		
Westminster (St. James' Pk.)												Milliwatts.	Polaris		
Regents Pk. (Botanical Obsy.)												Maximum Rate	Ursae		
Camden Sq. (Brit. Rainfall)												Milliwatts.	Minors		
Hampton Palace															
Hampton Observatory															

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 33 feet above the ground.				Beau- fort No.	Statute miles per hour.	Metres per second.
1921.														
STATIONS.	Sunrise.	Noon.	Sunset.					SEA DISTURBANCE.						
Yarmouth	G.M.T. 3.43	G.M.T. 11.58	G.M.T. 8.08	b blue sky (not more than a quarter covered).	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"; bc = cloud 0-5; cc = cloud 6-10.			0 = no swell } Calm or 1 = mod. swell } slight 2 = heavy swell } sea. 3 = so swell } 4 = mod. swell } Moderate 5 = heavy swell } sea. 6 = rather rough sea. 7 = rough sea. 8 = very rough sea. 9 = mountainous sea.						
Greenwich	3.44	11.58	8.08	c generally cloudy (three-quarters covered).								0	Less than 1	Less than 0.8
Wick	3.56	12.5	8.14	d drizzle, or fine rain. f fog.								1	1-3	0.3-1.5
Valencia	3.22	12.17	9.11	h hail. KQ line squall. l lightning.								2	4-7	1.6-3.3
	3.23	12.17	9.10	m mist. o overcast sky.								3	8-12	3.4-5.4
	4.34	12.46	9.59	p passing showers. r rain.								4	13-18	5.5-7.9
	4.35	12.46	9.58	rs sleet, i.e., rain and snow together.								5	19-24	8.0-10.7
				s snow. t thunder.								6	25-31	10.8-13.8
				* dust haze; the turbid atmo- sphere of dry weather.								7	32-38	13.9-17.1
												8	39-46	17.2-20.7
												9	47-54	20.8-23.4
												10	55-69	24.5-30.4
												11	64-75	28.5-33.5
												12	Above 75	33.6 or above



## SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN.
	7h.-13h.	13h.-18h.	18h.-24h.	1h.-7h.	MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	
Lerwick ...	rd	rm	to	rd	59	51	.	2	1	.	3.9
Stornoway ...	c	c	c	oo	69	58	.	.	.	.	.
Wick ...	c	oo	c	c	70	54	.	.	.	.	.
Castlebay ...	fd, om	om c	co	co, eff	60	56	.	0.1	.	.	0.2
Nairn ...	ebc, q	qbc	cg	c	80	57	.	.	.	.	5.0
Aberdeen ...	b, bc	c	c	c	77	60	55	.	.	.	6.4
Malin Head ...	b, bc	b, bc	op, c	om, bc	75	61	.	.	.	.	5.6
Renfrew ...	om	c	oo	oo	75	59	51	.	.	.	0.4
Leith (UNCLKEITH) ...	c	c	oo	oo	77	62	60	.	.	.	.
Eskdalemuir ...	obc, c	b, bc	b, bc	b, bc	77	52	43	.	.	.	7.2
Tynemouth ...	b, bc	b, bc	b, bc	b, bc	75	62	60	.	.	.	.
Blackod Point ...	c	b, bc	b, bc	b, bc	76	60	.	.	.	.	.
Donaghadee ...	cm	bc	b, m	b, m	83	55	46	.	.	.	11.6
Birr Castle ...	c	b, bc	b, bc	b, bc	83	56	49	.	.	.	11.6
Baldonnell ...	c	b, bc	b, bc	b, bc	76	58	54	.	.	.	14.8
Holyhead ...	cb	b, bc	b, bc	b, bc	80	64	64	.	.	.	12.5
Liverpool (Bidston) ...	b, bc	b, bc	b, bc	b, bc	86	58	51	.	.	.	.
Manchester (Alex. Pk.) ...	cz	c	im, m	ff, m	86	58	51	.	.	.	.
Howden ...	b, bc	b, bc	b, bc	b, bc	86	54	47	.	.	.	11.58
Spurn Head ...	b, bc	b, bc	b, bc	b, bc	73	60	.	.	.	.	.
Nottingham ...	b, bc	b, bc	b, bc	b, bc	89	60	53	.	.	.	14.3
Cranwell ...	b, bc	b, bc	im	b, bc	84	55	50	.	.	.	15.4
Gorleston ...	b, bc	b, bc	b, bc	b, bc	73	57	44	.	.	.	16.0
Pulham ...	b, bc	b, bc	b, bc	b, bc	79	45	39	.	.	.	14.5
Felixstowe ...	b, bc	b, bc	b, bc	b, bc	68	53	.	.	.	.	15.0
Valencia (Cahirciveen) ...	cb, c	b, z	b, z	b, z	75	53	47	.	.	.	12.8
Roches Point ...	b, bc	b, bc	b, bc	b, bc	72	58	.	.	0.2	.	13.9
Pembroke (St. Ann's H.) ...	b, bc	b, bc	b, bc	b, bc	74	60	.	.	.	.	13.7
Boss-on-Wye ...	b, bc	b, bc	b, bc	b, bc	88	58	52	.	.	.	.
Benson ...	b, bc	b, bc	b, bc	b, bc	86	52	44	.	.	.	14.8
S. Farnborough ...	b, bc	b, bc	b, bc	b, bc	86	47	42	.	.	.	14.0
London (Kew) ...	zy, by	b, m, y	b, m, y	b, m, y	84	55	45	.	.	.	.
Croydon ...	b, z	b, y	b, bc	b	85	52	45	.	.	.	.
Olaeton-on-Sea ...	b, z	b	b, z	b, z	70	54	51	.	.	.	15.4
Shoeburyness ...	b, bc	b, bc	c, w, b	c, w, b	74	51	51	.	.	.	14.5
Grain ...	b, bc	b, bc	b, bc	b, bc	71	47	38	.	.	.	15.1
Lympe ...	b, by	b, bc	b, bc	b	76	59	43	.	.	.	15.3
Scilly (St. Mary's) ...	b, bc	b, bc	b, bc	b, bc	76	59	.	.	.	.	14.0
Falmouth ...	b, m	b, y	b	b, w	75	57	49	.	.	.	13.5
Plymouth ...	b, bc	b, bc	b, bc	b, bc	71	53	.	.	.	.	14.2
Portland Bill ...	b, bc	c	b, bc	b, bc	72	59	.	.	.	.	.
Calshot ...	b, bc	b, bc	b, bc	b, bc	74	58	48	.	.	.	14.5
Dungeness ...	b, bc	b, bc	b, bc	b, bc	76	52	.	.	.	.	14.5
Jersey ...	b	b	b, bc	b	80	64	.	.	.	.	.

ISALLOBAR.

Sunday, 10<sup>th</sup> July, 1921.

POSITION NUMBERS



Temperature reported from Cross Channel and Coastal Steamships

Position Number	3	6	7
Date	9	10	10
Time G.M.T.	1015	0240	0244
Sea ° F	56	59	59
Air ° F	61	61	60

GENERAL INFERENCE.

The anticyclone over the Southern British Isles is maintained and the pressure changes are everywhere slight. Fine dry weather is probable generally except in the extreme North of Scotland where local showers may occur.

## Districts.

Forecasts for the 24 hours commencing 15h. G.M.T. Sunday 10th July, 1921.

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.E. Scotland
15. Hebrides
16. Orkneys and Shetlands
17. N.W. Ireland
18. N.E. Ireland
19. S.E. Ireland
20. S.W. Ireland

Light variable winds; fine; visibility mainly good but local haze; very warm.

Wind SW to W, light or moderate; cloudy, local showers; visibility fair to good; warm.

As for 1 - 13.

Continuing very warm and dry generally except in extreme North and North-West.

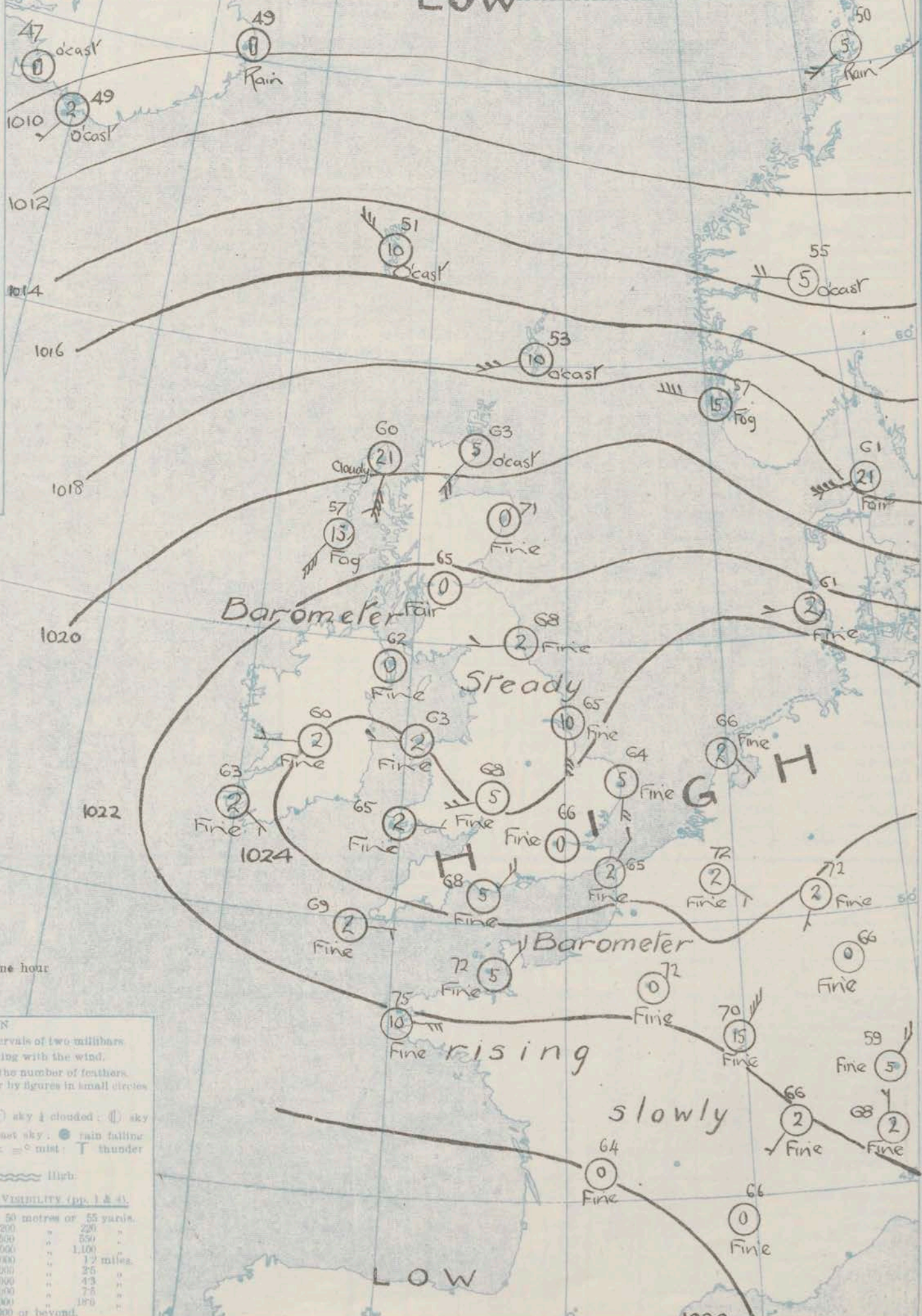
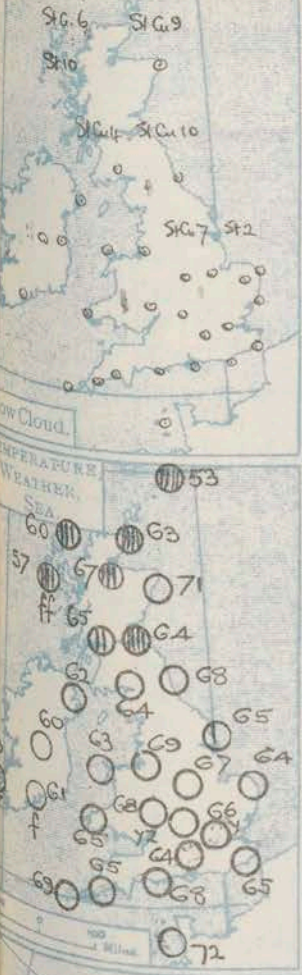


# SYNOPTIC CHART FOR MORNING OF Sunday, 10<sup>th</sup> July, 1921

Scale - 1:10,000,000

Nautical Miles.  
Statute Miles.

LOW



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

## EXPLANATION

Isobars are drawn for intervals of two millibars. Direction is shown by arrows flying with the wind. Wind velocity is shown in miles per hour by figures in small circles.

WEATHER SYMBOLS: ☉ clear sky, ☁ sky + clouded, ☂ overcast sky, ☔ rain falling, ☄ hail, ☁ fog, ☁ mist, ☁ thunder.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (pp. 1 & 4).

Objects not visible at	50 metres or 55 yards.	100 metres or 110 yards.	1,000 metres or 1,100 yards.	2,000 metres or 2,200 yards.	4,000 metres or 4,400 yards.	7,000 metres or 7,700 yards.	12,000 metres or 13,200 yards.	20,000 metres or 22,000 yards.
Very poor.	0	1	2	3	4	5	6	7
Very good.	8	9	10	11	12	13	14	15

Objects visible at 30,000 or beyond.



# AIR MINISTRY.

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

Page 4.

BRITISH SECTION. SUNDAY, 10<sup>th</sup> JULY

1921.

No. 191.

STATIONS.	Observations at 0100 G.M.T. 10 <sup>th</sup>													Observations at 0700 G.M.T. 10 <sup>th</sup>																							
	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-8	Height of Low Cloud. Feet	Cloud.			Sea.	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-8	Height of Low Cloud. Feet	Cloud.														
			Direc.	Force						Low.	Upper	Total				Direc.	Force						Low.	Upper	Total												
																										Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.
Lerwick ...	1016.4	+1	N	5	off	53	97	1	-	Nb	10	-	10	1017.4	0	WSW	3	off	53	97	5	2500	Nb	10	-	10											
Stornoway ...	1021.4	0	WSW	2	co	61	92	8	400	Sc	6	-	6	1019.0	0	SW	5	co	60	92	8	4000	Sc	6	ASr	9											
Wick ...	1019.4	0	S	1	bc	61	92	8	-	-	-	-	-	1018.9	-1	SW	2	co	63	95	8	5750	Sc	9	-	10											
Castlebary ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1020.4	0	SW	1	ffo	57	97	1	450	Sc	10	-	-											
Nairn ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1019.8	...	...	...	...	57	...	...	...	...	...	...	...											
Aberdeen ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1021.1	0	...	...	...	...	...	...	...	...	...	...	...											
Malin Head ...	1022.9	0	S	1	bv	60	97	9	-	-	-	0	-	1021.6	0	SW	1	b+	61	97	9	-	-	-	2												
Renfrew ...	1022.6	-1	SW	1	0	64	85	8	2500	Sc	8	ASr	10	1022.3	0	...	...	bc+	63	92	7	2500	Sc	2	ASr	4											
Leith (NCHKEITH) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1021.4	0	...	...	...	64	85	8	-	...	...	...	10											
Eskdalemuir ...	1024.1	0	...	...	b	64	85	7	-	-	0	-	0	1022.7	0	...	...	...	64	75	7	-	...	...	...	0											
Tynemouth ...	1023.0	0	W	1	b+	67	75	7	-	-	-	ASr	3	1022.3	0	N	1	b	68	75	6	-	...	...	...	0											
Blackod Point ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1022.3	0	...	...	b	62	85	8	-	...	...	...	0											
Donaghadee ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1023.2	...	W	1	b	60	97	6	-	...	...	...	0											
Birr Castle ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1024.5	0	...	...	b	68	65	8	-	...	...	...	0											
Baldonnel ...	1024.4	+3	SW	2	b	63	85	8	-	-	0	-	0	1023.4	-1	SSW	3	b	63	92	8	-	...	...	...	0											
Holyhead ...	1024.0	0	SW	4	b	...	...	...	...	...	0	-	0	1023.2	0	NNW	1	b	69	75	6	-	...	...	...	0											
Liverpool (Bidston) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1023.3	0	SSE	1	b	66	95	5	-	...	...	...	0											
Manchester (Alex Pk.) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...											
Howden ...	1023.8	0	...	...	b	56	97	5	4000	Sc	1	-	1	1022.9	0	...	...	b+	65	75	7	4000	Sc	7	AC	9											
Spurn Head ...	1024.1	0	S	3	b	61	97	8	-	-	0	-	0	1023.1	-1	S	3	b+	65	97	8	2500	Sc	2	-	2											
Nottingham ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1023.4	0	WSW	1	b	67	75	5	-	...	...	...	0											
Cranwell ...	1024.3	0	SE	3	b	59	75	7	-	-	0	-	0	1023.7	0	SSW	2	b	70	65	7	-	...	...	...	0											
Gorleston ...	1025.2	0	SW	2	b	60	75	8	-	-	0	-	0	1024.1	-1	S	2	b	64	75	8	-	...	...	...	0											
Pulham ...	1025.7	0	...	...	b	49	92	7	-	-	0	-	0	1024.6	0	...	...	b	68	65	9	-	...	...	...	0											
Felixstowe ...	1026.0	0	ENE	1	b	64	85	9	-	-	0	-	0	1025.0	0	NNE	1	b	68	69	8	-	...	...	...	0											
Valencia (Cahireveen) ...	1024.4	0	...	...	bc	64	...	5	-	-	...	...	...	1022.5	-1	SE	1	b	63	85	8	-	...	...	...	0											
Reches Point ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1024.6	0	N	1	fb	61	97	2	-	...	...	...	0											
Pembroke (St. Ann's H.) ...	1024.8	0	...	...	b	62	85	9	-	-	0	-	0	1024.2	0	E	1	b	68	85	8	-	...	...	...	0											
Ross-on-Wye ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1023.8	0	WSW	2	b	68	75	6	-	...	...	...	0											
Benson ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1024.5	+1	...	...	b	72	55	7	-	...	...	...	0											
S. Farnborough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1024.8	+1	...	...	b	64	65	7	-	...	...	...	0											
London (Kew Obs.) ...	1025.2	0	...	...	b	64	...	...	...	...	...	...	...	1025.1	0	...	...	fb	66	65	3	-	...	...	...	0											
Croydon ...	1025.3	0	...	...	b	56	85	8	-	-	0	-	0	1024.8	0	...	...	b	68	55	7	-	...	...	...	0											
Clacton-on-Sea ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1025.0	0	NNE	1	b	66	75	7	-	...	...	...	0											
Shoeburyness ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1025.2	0	...	...	b	66	75	7	-	...	...	...	0											
Grain ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1024.7	0	...	...	fb	63	85	7	-	...	...	...	0											
Lympne ...	1025.2	0	ENE	4	b	63	85	8	-	-	0	-	0	1024.4	0	NE	1	b	67	75	8	-	...	...	...	0											
Scilly (St. Mary's) ...	1023.8	0	E	1	b	62	85	8	-	-	0	-	0	1023.5	-1	E	1	b	69	75	8	-	...	...	...	0											
Falmouth ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1023.3	0	NE	1	b	65	75	7	-	...	...	...	0											
Plymouth ...	1025.3	0	NE	2	b	57	95	9	-	-	0	-	0	1024.5	-1	NE	1	b	63	75	8	-	...	...	...	0											
Portland Bill ...	1024.2	0	NNW	2	b	62	92	8	-	-	0	-	0	1024.4	0	ENE	2	b	68	85	8	-	...	...	...	0											
Calshot ...	1025.5	0	N	1	b	60	92	8	-	-	0	-	0	1024.6	-1	NW	3	b	63	75	7	-	...	...	...	0											
Dungeness ...	1024.5	0	ENE	1	b	61	92	9	-	-	0	-	0	1024.2	-1	NE	1	b	65	95	9	-	...	...	...	0											
Jersey (Guernsey Is.) ...	1024.5	+1	ENE	2	b	62	75	8	-	-	0	-	0	1023.2	0	ENE	2	b	72	55	9	-	...	...	...	0											

### WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR SAT. 9<sup>th</sup> JULY.

STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.	
		Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night 17h-9h.	Day 9h-17h.	Sunrise to 17h.	Sunrise to Sunset.			Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night 17h-9h.	Day 9h-17h.	Sunrise to 17h.	Sunrise to Sunset.
						8-9	9	9	8							8-9	9	9	8
						mm.	mm.	hr.	hr.							mm.	mm.	hr.	hr.
Banff ...	bc	bc	75	59	-	-	-	8.3	5.8	Paignton ...	bmf b	b	71	57	-	-	-	11.5	14.1
Montrose ...	b	bc	79	65	-	-	-	8.9	13.2	Ilfracombe ...	bbc b	bbc b	71	62	-	-	-	9.5	12.3
Llandudno ...	b bc	b	76	57	-	-	-	10.7	5.8	Bude ...	b	b	75	54	-	-	-	12.0	14.0
Colwyn Bay ...	b	b	75	58	-	-	-	11.9	8.3	Penzance ...	bcb b	b	74	60	-	-	-	10.7	14.0
Rhyl ...	b	b bc	76	50	-	-	-	10.8	7.9	Torquay ...	b	b	75	60	-	-	-	11.9	14.0
Southport ...	b	b	76	59	-	-	-	10.0	6.8	Weymouth ...	b	b	78	56	-	-	-	11.9	14.0
Blackpool ...	bz	b	78	57	-	-	-	9.3	7.0	Bournemouth ...	b	b	76	54	-	-	-	11.0	12.3
Harrogate ...	b	b bc	83	60	-	-	-	8.1	8.3	Portsmouth (S'thsea) ...	b	b	76	56	-	-	-	11.9	13.1
Skegness ...	b	b	71	58	-	-	-	12.7	13.7	Worthing ...	b	b	75	54	-	-	-	12.5	14.1
Aberystwyth ...	b	b	72	58	-	-	-	10.6	9.5	Brighton ...	b	b	71	54	-	-	-	12.5	14.1
Bath ...	b	b	87	58	-	-	-	11.2	11.2	Eastbourne ...	b	b	72	54	-	-	-	12.7	14.1
Leamington Spa ...	b	b	86	57	-	-	-	11.2	13.0	Hastings ...	b	b	76	57	-	-	-	12.8	14.1
Lowestoft ...	b	b	67	55	-	-	-	13.0	9.6	Folkestone ...	b	b	74	52	-	-	-	12.4	12.5
Felixstowe ...	b	b	68	50	-	-	-	12.4	12.8	Tunbridge Wells ...	b	b	81	52	-	-	-	12.5	12.5
Southend ...	b	b	77	57	-	-	-	11.9	13.0	Ramsgate ...	b	b	69	55	-	-	-	12.8	14.1
										Margate ...	b	b	68	57	-	-	-	12.2	10.1
										Deal ...	b	b	71	50	-	-	-	11.9	10.1

\* Information for these columns not usually received

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

‡ For code see page 3.

§ See footnote page 1.



# AIR MINISTRY.

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

BRITISH SECTION.

No. B.21781

MONDAY 11<sup>th</sup> JULY 1921.

Page 1.

BRITISH SECTION.

No. B. 21781

MONDAY 11 JULY 1921.

Page 1.

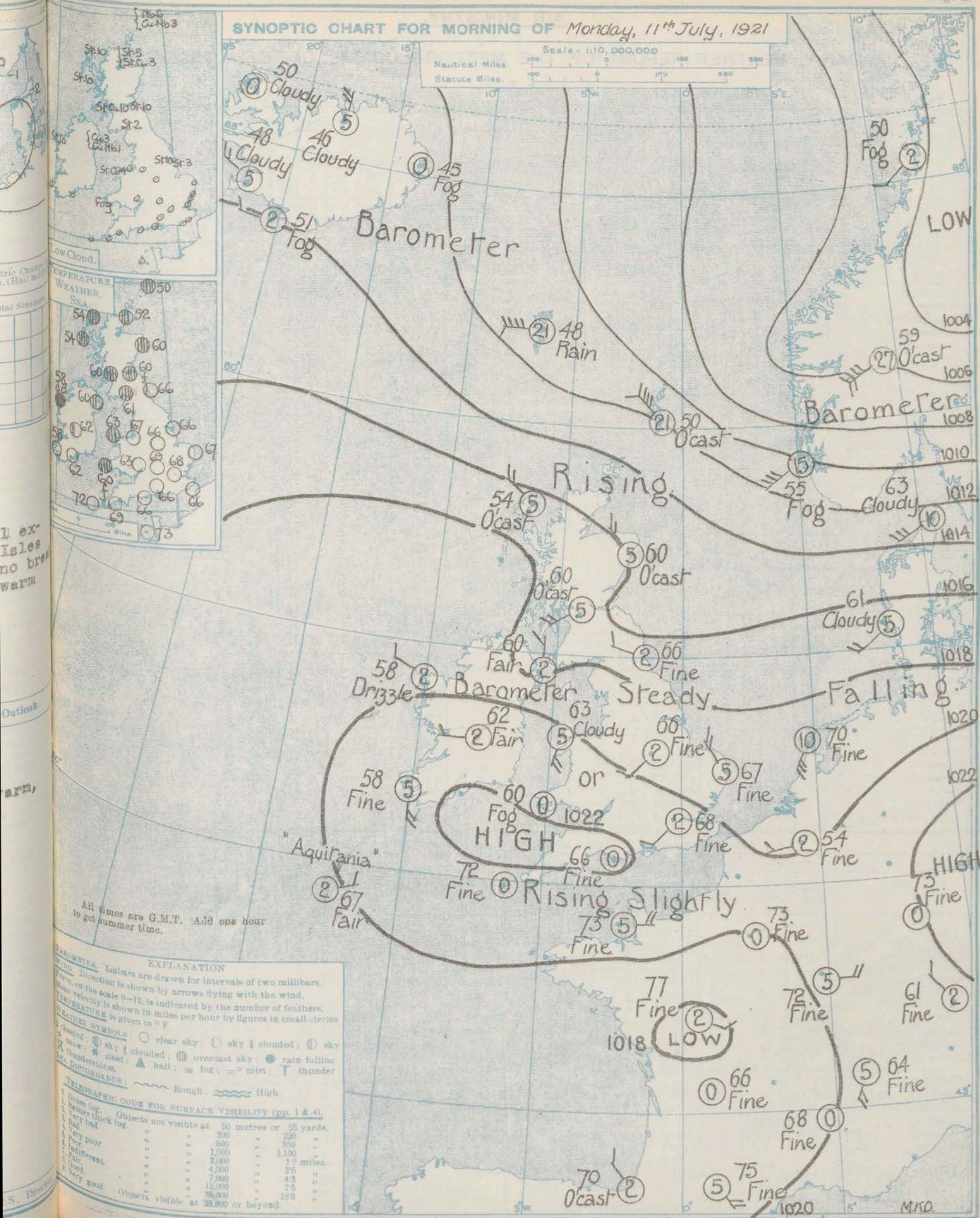
STATIONS.	Barom. at M.S.L.	Observations at 1500 G.M.T.	Barom. at M.S.L.	Change in 3 Hours.	Observations at 1800 G.M.T.	Barom. at M.S.L.	Change in 3 Hours.	Observations at 1800 G.M.T.	Barom. at M.S.L.	Change in 3 Hours.																
Min. F.	Max. F.	Wind.	Temp.	Humidity.	Visibility.	Height of Cloud.	Form.	Amt.	Sec.	Wind.	Temp.	Humidity.	Visibility.	Height of Cloud.	Form.	Amt.	Sec.									
0-12	0-12	0-12	0-12	0-12	0-12	0-12	0-12	0-12	0-12	0-12	0-12	0-12	0-12	0-12	0-12	0-12	0-12									
0-12	0-12	0-12	0-12	0-12	0-12	0-12	0-12	0-12	0-12	0-12	0-12	0-12	0-12	0-12	0-12	0-12	0-12									
Lerwick	1016.6	-1	WSW	4	04	56	97	4	1500	Nb	10	-	1013.8	-3	WSW	5	04	59	86	7	7250	CuNb	6	25	9	4
Stornoway	1017.5	-2	SSW	5	C	61	85	4	4000	Cu	8	-	1014.7	-4	SW	6	C	61	85	8	4000	StCu	6	Acu	8	5
Wick	1017.6	-1	SSW	2	C	69	95	4	7250	StCu	8	-	1015.0	-3	SW	2	C	61	95	8	5750	StCu	8	-	8	0
Castellary	1019.4	-1	SW	4	fo	59	92	4	1500	St	10	-	1016.8	-2	SW	5	fo	60	85	4	1500	St	2	AS	6	4
Nairn	1018.6	-3	EN	2	bc	75	65	4	4000	Cu	4	-	1016.0	-1	WSW	3	bc	73	65	4	4000	Cu	1	-	1	0
Aberdeen	1018.6	-3	EN	2	bc	75	65	4	4000	Cu	4	-	1016.7	-1	W	3	b	81	35	8	4000	Cu	1	-	1	0
Malin Head	1021.1	-1	-	-	b	71	85	7	-	-	-	-	1017.8	-5	SW	4	bc	66	97	7	-	StCu	3	Ci	4	1
Benfrew	1020.9	-2	SW	4	bc	79	45	3	4000	Cu	4	-	1018.6	-3	SW	3	b	75	55	8	4000	Cu	1	-	1	0
Leith (INCHKEITH)	1019.9	-4	W	3	b	74	55	3	-	Cu	2	-	1018.0	-2	WSW	3	b	74	45	8	-	Cu	1	-	1	1
Edinburgh	1020.8	-2	SW	4	bc	76	55	7	5750	Cu	6	-	1019.2	-2	SW	4	b	75	45	7	5750	Cu	2	-	2	0
Tynemouth	1020.7	-2	SE	1	bc	69	65	6	-	-	Acu	5	1018.9	-2	-	0	b	76	55	7	-	-	Acu	2	0	
Blackod Point	1020.1	-1	SW	3	04	72	75	7	1500	St	10	-	1019.6	-3	WSW	4	b	63	92	8	-	-	-	0	0	
Donaghadee	1021.5	-1	ESE	2	C	66	75	8	4000	Cu	7	-	1019.7	-3	SW	2	bc	74	55	8	5750	CuNb	5	-	5	0
Birr Castle	1021.1	-1	W	1	C	81	65	6	-	-	Acu	7	1019.9	-2	SW	1	C	78	75	7	2500	StCu	6	Acu	8	0
Rossmore	1021.8	-2	W	1	bc	82	45	7	4000	Cu	6	-	1019.9	-2	SW	2	C	80	55	7	4000	Cu	7	-	7	0
Holyhead	1022.6	-2	SW	6	b	73	65	8	-	-	0	-	1020.7	-2	SW	3	b	71	75	8	-	-	-	0	0	
Liverpool (Bliston)	1022.2	-1	WNW	3	b	76	55	8	-	-	0	-	1020.6	-2	WNW	2	b	70	75	8	-	-	-	0	0	
Manchester (Alex.Pk.)	1021.6	-3	E	2	b	85	35	7	4000	Cu	2	-	1020.1	-1	WNW	3	b	82	45	8	-	-	-	0	0	
Howden	1021.1	-2	SW	5	1	89	45	7	4000	Cu	3	-	1019.0	-2	NW	1	bc	83	55	6	4000	Cu	4	Acu	6	0
Spurn Head	1021.9	-1	SE	3	b	77	65	8	2500	St	3	-	1019.8	-1	SE	4	bc	72	92	7	2500	St	4	-	4	0
Nottingham	1021.5	-1	SSW	2	b	87	35	6	4000	Cu	3	-	1019.3	-1	S	2	b	86	35	6	-	-	Ci	2	0	
Grimsby	1021.7	-2	SSW	2	b	88	35	8	4000	Cu	1	-	1019.7	-3	SW	3	b	87	35	8	-	-	-	0	0	
Grimsby	1021.7	-2	SSW	2	b	88	35	8	4000	Cu	1	-	1019.7	-3	SW	3	b	87	35	8	-	-	-	0	0	
Grimsby	1021.7	-2	SSW	2	b	88	35	8	4000	Cu	1	-	1019.7	-3	SW	3	b	87	35	8	-	-	-	0	0	
Grimsby	1021.7	-2	SSW	2	b	88	35	8	4000	Cu	1	-	1019.7	-3	SW	3	b	87	35	8	-	-	-	0	0	
Grimsby	1021.7	-2	SSW	2	b	88	35	8	4000	Cu	1	-	1019.7	-3	SW	3	b	87	35	8	-	-	-	0	0	
Grimsby	1021.7	-2	SSW	2	b	88	35	8	4000	Cu	1	-	1019.7	-3	SW	3	b	87	35	8	-	-	-	0	0	
Grimsby	1021.7	-2	SSW	2	b	88	35	8	4000	Cu	1	-	1019.7	-3	SW	3	b	87	35	8	-	-	-	0	0	
Grimsby	1021.7	-2	SSW	2	b	88	35	8	4000	Cu	1	-	1019.7	-3	SW	3	b	87	35	8	-	-	-	0	0	
Grimsby	1021.7	-2	SSW	2	b	88	35	8	4000	Cu	1	-	1019.7	-3	SW	3	b	87	35	8	-	-	-	0	0	
Grimsby	1021.7	-2	SSW	2	b	88	35	8	4000	Cu	1	-	1019.7	-3	SW	3	b	87	35	8	-	-	-	0	0	
Grimsby	1021.7	-2	SSW	2	b	88	35	8	4000	Cu	1	-	1019.7	-3	SW	3	b	87	35	8	-	-	-	0	0	
Grimsby	1021.7	-2	SSW	2	b	88	35	8	4000	Cu	1	-	1019.7	-3	SW	3	b	87	35	8	-	-	-	0	0	
Grimsby	1021.7	-2	SSW	2	b	88	35	8	4000	Cu	1	-	1019.7	-3	SW	3	b	87	35	8	-	-	-	0	0	
Grimsby	1021.7	-2	SSW	2	b	88	35	8	4000	Cu	1	-	1019.7	-3	SW	3	b	87	35	8	-	-	-	0	0	
Grimsby	1021.7	-2	SSW	2	b	88	35	8	4000	Cu	1	-	1019.7	-3	SW	3	b	87	35	8	-	-	-	0	0	
Grimsby	1021.7	-2	SSW	2	b	88	35	8	4000	Cu	1	-	1019.7	-3	SW	3	b	87	35	8	-	-	-	0	0	
Grimsby	1021.7	-2	SSW	2	b	88	35	8	4000	Cu	1	-	1019.7	-3	SW	3	b	87	35	8	-	-	-	0	0	
Grimsby	1021.7	-2	SSW	2	b	88	35	8	4000	Cu	1	-	1019.7	-3	SW	3	b	87	35	8	-	-	-	0	0	
Grimsby	1021.7	-2	SSW	2	b	88	35	8	4000	Cu	1	-	1019.7	-3	SW	3	b	87	35	8	-	-	-	0	0	
Grimsby	1021.7	-2	SSW	2	b	88	35	8	4000	Cu	1	-	1019.7	-3	SW	3	b	87	35	8	-	-	-	0	0	
Grimsby	1021.7	-2	SSW	2	b	88	35	8	4000	Cu	1	-	1019.7	-3	SW	3	b	87	35	8	-	-	-	0	0	
Grimsby	1021.7	-2	SSW	2	b	88	35	8	4000	Cu	1	-	1019.7	-3	SW	3	b	87	35	8	-	-	-	0	0	
Grimsby	1021.7	-2	SSW	2	b	88	35	8	4000	Cu	1	-	1019.7	-3	SW	3	b	87	35	8	-	-	-	0	0	



Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Monday, 11th J
1. S.E. England	Light Westerly or variable winds; fine, ve perature. Visibility mainly good.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Wind light variable or Easterly; fine, hig Visibility fair or good.
6. South Wales	
7. North Wales	Wind light Westerly; fine generally, high visibility good.
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Wind North-West or West, light; fair or fi good.
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scot- land	
15. Hebrides	Wind West or North-West, light; mainly fai local showers and mist. Moderate temperat
16. Orkneys and Shetlands	
17. N.W. Ireland	Wind mainly West, light; fair or fine gene bility fair to good.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

July, 1921.	Further Outlook.
ry high tem-	Fine, warm, dry.
h temperature.	
temperature;	
ne; visibility	
r, but some ure.	
rally; visi-	







# AIR MINISTRY.

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

Page 4.

BRITISH SECTION MONDAY, 11<sup>th</sup> JULY

1921.

No. 92

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. of.	Humidity. %	Visibility. 5	Height of Low Cloud. Feet	Cloud.			Sea.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. of.	Humidity. %	Visibility. 5	Height of Low Cloud. Feet	Cloud.				
			Direc.	Force						Form.	Amt.	Total Form.				Total Amt.	Direc.						Force	Form.	Amt.	Upper Form.	Total Amt.
Lerwick ...	1009.3	-8	WSW	7	o/r	52	97	4	7250	Nb	10	-	10	1012.5	+6	NNW	5	o+	50	85	8	7250	Nb	9	-	9	
Stornoway ...	1015.2	+3	W	4	o	50	90	6	7250	Sc	10	-	10	1016.7	+2	NNW	2	o/r	54	83	7	450	Sc	10	-	10	
Wick ...	1022.8	-1	WSW	2	o	61	92	9	5750	Sc	10	-	10	1015.1	+3	NNW	2	c	52	85	8	800	Sc	9	-	9	
Castlebay ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1018.5	+1	NNW	3	o/r	54	75	6	2500	Sc	10	-	10	
Nairn ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1016.0	...	W	2	c	59	...	...	...	...	...	...	...	
Aberdeen ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1016.0	+3	NNW	2	o	60	85	9	...	...	...	...	...	
Malin Head ...	1018.0	0	NW	4	bc	57	97	3	2750	Sc	10	-	10	1019.2	+2	WSW	2	cu	57	97	9	4000	Sc	8	-	8	
Benfrew ...	1017.4	-1	SW	3	bc	61	95	8	2500	...	...	...	...	1017.9	+1	SW	2	o	60	97	8	2500	Sc	10	-	10	
Leith (INCHKEITH) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1015.8	+1	W	4	fo	60	85	7	...	...	...	...	...	
Esksdalemuir ...	1018.9	-2	...	0	bc	55	92	6	2500	Sc	4	-	4	1018.2	0	W'S	23	o	61	75	6	1500	Sc	2	C: Sc	2	
Tynemouth ...	1017.7	-2	W	1	b	67	65	5	...	...	...	...	...	1017.1	0	NNW	1	b+	66	65	5	...	...	...	...	...	
Blackod Point ...	1019.4	0	SW	1	o	62	92	4	450	Sc	10	-	10	1019.9	+2	NNW	1	od	58	97	6	450	Sc	10	-	10	
Donaghadee ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1018.9	0	N	1	bc+	60	92	8	5750	...	7	A	7	
Birr Castle ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1021.7	...	W	1	bc	62	92	6	...	...	...	...	...	
Baldonnell ...	1021.2	+2	WSW	2	b	60	75	8	2500	Sc	3	-	3	1021.3	0	SWW	1	fo	58	97	4	450	Sc	10	-	10	
Holyhead ...	1020.0	0	SW	3	b	...	...	...	...	...	...	...	...	1020.3	+1	SSW	2	bc	63	85	8	2500	Sc	4	A	4	
Liverpool (Bidston) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1019.6	0	WSW	3	b	67	65	8	...	...	...	...	...	
Manchester (Alex. Pk.) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1020.1	0	SSW	1	b	66	65	6	...	...	...	...	...	
Howden ...	1018.8	-1	...	0	bc	62	92	7	7250	Sc	5	A: Sc	6	1018.6	0	W'S	1	fo	68	75	2	450	Sc	10	-	10	
Spurn Head ...	1019.6	0	WSW	1	b	67	45	8	2500	Sc	2	-	2	1018.8	-1	W	3	b	66	85	7	2500	Sc	3	-	3	
Nottingham ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1019.6	...	SW	1	b	66	75	4	...	...	...	...	...	
Cranwell ...	1020.2	0	W	2	b	66	65	8	...	...	...	...	...	1019.7	0	W	3	b	69	65	6	...	...	...	...	...	
Gorleston ...	1019.8	-2	W'S	3	b	64	65	7	...	...	...	...	...	1018.8	-1	NNW	2	b	67	65	7	...	...	...	...	...	
Pulham ...	1019.9	-2	...	0	b	61	85	6	...	...	...	...	...	1019.4	+1	N'S	1	b	68	75	7	...	...	...	...	...	
Felixstowe ...	1020.6	0	SSW	2	b	68	78	7	...	...	...	...	...	1019.8	0	W	3	b	68	65	6	...	...	...	...	...	
Valencia (Cabraveira) ...	1023.0	0	SW	2	b	60	...	...	...	...	...	...	...	1021.6	+1	ENE	2	b	58	75	8	...	...	...	...	...	
Roches Point ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1022.8	0	NNW	1	b	62	85	6	...	...	...	...	...	
Pembroke (St. Ann's H.) ...	1022.2	0	...	0	b	61	97	8	...	...	...	...	...	1021.7	0	...	0	fo	60	97	1	<150	Sc	10	-	10	
Ross-on-Wye ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1020.8	+1	W	1	b	63	75	4	...	...	...	...	...	
Benson ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1020.1	+1	...	0	b	69	65	7	...	...	...	...	...	
S. Farnborough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1020.5	0	W	2	b	66	65	5	...	...	...	...	...	
London (Kew, Desy) ...	1021.0	0	...	...	...	...	...	...	...	...	...	...	...	1020.3	+1	SW	1	b	68	55	6	...	...	...	...	...	
Croydon ...	1021.2	0	...	0	b	63	65	8	...	...	...	...	...	1020.6	0	WSW	1	b	71	55	7	...	...	...	...	...	
Glaughton-on-Sea ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1019.8	0	N	2	b	68	65	6	...	...	...	...	...	
Shoeburyness ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1020.1	0	WSW	0	fb	73	55	5	...	...	...	...	...	
Grain ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1019.7	0	WSW	3	ffb	73	55	6	...	...	...	...	...	
Lympne ...	1021.1	-1	N	2	b	62	85	7	...	...	...	...	...	1019.5	-1	NNW	2	b	71	65	7	...	...	...	...	...	
Scilly (St. Mary's) ...	1021.7	0	...	0	b	63	85	8	...	...	...	...	...	1021.4	0	...	0	b	72	65	8	...	...	...	...	...	
Falmouth ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1021.0	0	NE	1	b	69	65	7	...	...	...	...	...	
Plymouth ...	1022.5	-1	ENE	1	b	57	85	8	...	...	...	...	...	1021.8	0	ENE	1	ffb	61	75	3	...	...	...	...	...	
Portland Bill ...	1022.2	0	NNE	2	b	65	85	7	...	...	...	...	...	1022.0	0	...	0	b	66	85	7	...	...	...	...	...	
Calshot ...	1021.4	-1	...	0	b	58	85	8	...	...	...	...	...	1021.1	0	...	0	ffb	64	75	5	...	...	...	...	...	
Dungeness ...	1021.0	-1	N	2	b	62	85	9	...	...	...	...	...	1020.3	-1	N	2	b	66	65	7	...	...	...	...	...	
Jersey (Guernsey 1h.) ...	1022.0	+1	ESE	1	b	65	75	7	...	...	...	...	...	1020.7	0	E	2	b	73	45	8	...	...	...	...	...	

### WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Sun 10<sup>th</sup> July

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.†		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.†		Sunrise to 17h. 10	Sunset to 17h. 9
	Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night 17h.-9h.	Day 9h.-17h.	Sunrise to 17h. 10	Sunset to 17h. 9		Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night 17h.-9h.	Day 9h.-17h.		
					mm.	mm.	hr.	hr.						mm.	mm.		
Banff ... ..									Paignton ... ..	b	b	72	52			12.3	11.5
Montrose ... ..	b	b	82	60	-	-	12.3	9.0	Ilfracombe ... ..	b	b	72	60	-	-	12.2	13.5
									Rude ... ..	b	b	79	55	-	-	12.2	13.5
									Penzance ... ..	b	b	76	58	-	-	11.8	13.5
Llandudno ... ..	?	?	78	62	-	-	10.3	13.1	Torquay ... ..	b	b	76	58	-	-	12.2	13.5
Colwyn Bay ... ..	b	b	73	62	-	-	10.6	14.4	Weymouth ... ..	b	b	81	54	-	-	12.2	13.5
Rhyl ... ..	b	b	74	59	-	-	11.0	13.1									
Southport ... ..	b	b	76	61	-	-	11.7	18.5	Bournemouth ... ..	b	b	79	62	-	-	12.5	13.5
Blackpool ... ..	b2	b	75	60	-	-	11.6	11.5	Portsmouth (S'thsea) ... ..	b	b	79	56	-	-	12.5	13.5
Harrogate ... ..	b	b	86	62	-	-	11.2	9.2	Worthing ... ..	b	b	79	54	-	-	12.5	13.5
Skewness ... ..	b	b	81	60	-	-	12.0	14.9	Brighton ... ..	b	b	76	62	-	-	12.2	13.5
									Eastbourne ... ..	b	b	81	57	-	-	12.2	13.5
Aberystwyth ... ..																	
Bath ... ..	b	b	89	56	-	-	11.5	11.4	Hastings ... ..	b	b	79	59	-	-	12.5	13.5
Leamington Spa ... ..									Folkestone ... ..	b	b	80	61	-	-	12.1	13.5
Lowestoft ... ..	b	b	72	55	-	-	13.0	15.5	Tunbridge Wells ... ..	b	b	81	50	-	-	12.4	14.5
Felixstowe ... ..	b	b	70	54	-	-	12.5	15.0	Ramsgate ... ..	b	b	78	57	-	-	12.4	14.5
Southend ... ..	b	b	82	57	-	-	12.0	13.9	Margate ... ..	b	b	76	59	-	-	12.7	14.5
									Deal ... ..	b	b	74	49	-	-	12.2	14.5

Information for these columns not usually received

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

‡ For code see page 8.

§ See footnote page 8.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B. 217/02

TUESDAY, 12th JUNE, 1921.

Page I.

STATIONS.	Observations at 1300 G.M.T. 11th														Observations at 1800 G.M.T. 11th														
	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of low Cloud. Feet	Cloud.			Sea.	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of low Cloud. Feet	Cloud.			Sea.			
			Direc.	Force						Form.	Amt.	Form.				Amt.	Form.						Amt.	Form.	Amt.		Form.	Amt.	
																													0-12
Lerwick	1013.6	+2	W	5	o/f	52	85	8	-	CuNb	9	-	9	-	1014.9	+2	W	5	C+	53	92	8	-	CuNb	8	-	8	4	
Stornoway	1017.2	0	W/S	4	Cb	59	75	7	4000	Cu	1	-	7	-	1019.3	+2	NW	3	C+	58	75	7	4000	Cu	8	-	8	2	
Wick	1016.9	+2	NNW	2	C	58	75	8	5700	StCu	8	-	8	-	1017.5	0	WNW	2	C-	57	85	9	5750	StCu	7	-	7	0	
Castlebay	1020.5	0	WSW	4	bc+	58	85	5	4000	St	3	ASt	6	-	1021.2	+1	WNW	3	C+	57	85	5	4000	StCu	9	-	9	2	
Nairn	1017.5	+2	SE	3	C+	59	75	5	4000	Cu	8	-	8	-	1018.6	0	W	4	bc	61	85	5	-	-	-	-	-	-	
Aberdeen	1017.5	+2	SE	3	C+	59	75	5	4000	Cu	8	-	8	-	1018.9	+1	SE/S	2	C	57	75	8	4000	StCu	7	-	7	0	
Malin Head	1021.4	+2	WNW	3	bcv	60	85	9	-	A-	-	Acu	4	-	1021.3	0	NW	2	bcv	59	97	9	-	-	-	Cu	6	1	
Renfrew	1019.8	+2	W	4	C	61	85	9	2500	StCu	7	-	8	-	1020.6	+1	SW	2	C	60	65	9	4000	StCu	5	A.Cu	9	0	
Leith	1017.3	+1	W	4	C/f	62	85	9	-	-	0	A.Cu	7	-	1019.9	+1	WSW	4	bcv	62	65	9	-	StCu	2	CuSt	4	2	
Eskdalemuir	1018.9	0	W/S	4	0	66	85	8	4000	Cu	2	CuSt	9	-	1019.2	0	WNW	3	C	59	65	8	4000	Cu	2	A.Cu	8	0	
Tynemouth	1017.3	+1	WNW	3	0	73	75	6	-	-	0	ASt	10	-	1018.0	0	NW	4	bc	72	45	9	-	-	0	A.Cu	3	2	
Blackod Point	1013.6	0	NE	2	b-	63	85	7	4000	Cu	3	-	3	-	1021.1	-1	N	2	b-	62	75	8	-	-	0	A.Cu	3	1	
Donaghadee	1020.6	0	E	1	C-	61	75	8	5750	CuNb	3	A.Cu	8	-	1021.3	+3	ENE	2	C	58	75	8	-	-	0	A.Cu	7	0	
Birr Castle	1021.2	-	W	1	C+	78	75	7	4000	StCu	7	-	7	-	1020.0	-	W	1	C	76	65	7	4000	StCu	5	Cu	7	0	
Baldonell	1020.8	-1	W	3	b	76	55	8	4000	Cu	2	Cu	3	-	1020.7	+1	ENE	3	bc	69	75	7	4000	Cu	4	Cu	5	0	
Holyhead	1021.4	0	W/N	1	f-b	67	85	7	-	-	0	ASt	2	-	1020.9	-1	NNW	2	b+	69	75	8	-	-	0	ASt	2	0	
Liverpool (Bidston)	1020.5	+1	WNW	3	b	68	75	7	4000	StCu	1	CuSt	2	-	1020.5	-1	NW	3	b	66	85	6	-	-	0	Cu	1	4	
Manchester (Alex.Pk.)	1019.9	0	NW	4	bc+	78	45	7	2500	Cu	1	Cu	3	-	1019.8	0	NNW	3	bc+	73	55	7	-	-	0	Cu	4	0	
Howden	1018.1	0	W/N	2	C+	80	55	7	2500	Cu	4	CuSt	7	-	1018.6	+1	W/N	3	bc+	75	65	8	4000	Cu	3	CuSt	5	0	
Spurn Head	1018.6	0	WNW	3	b	74	97	6	-	-	0	-	0	-	1019.8	+1	WNW	2	bc-	66	97	6	1500	St	3	A.Cu	5	0	
Nottingham	1018.6	-	W	2	bc	83	35	6	4000	Cu	1	-	1	-	1018.7	-	W	2	b	79	45	6	4000	Cu	1	-	1	0	
Cranwell	1018.4	-2	WNW	4	b	85	35	7	4000	Cu	1	-	1	-	1018.6	0	NW	3	b	80	35	7	-	-	0	Cu	1	0	
Gorleston	1018.3	0	E/N	2	f-b+	75	65	7	-	-	0	-	0	-	1019.3	-1	SSW	1	f-b+	69	65	6	-	-	0	-	0	0	
Fulham	1018.0	-1	W/N	2	b	86	45	8	7200	Cu	1	-	1	-	1019.5	0	ESE	1	b	78	55	8	4000	Cu	1	-	1	0	
Polistowe	1018.7	-1	SSE	3	bc	78	45	7	-	-	0	-	0	-	1018.0	0	ENE	3	b	70	65	7	-	-	0	-	0	2	
Valencia (Cahirciveen)	1021.2	0	NW	2	b-	74	55	8	-	-	0	A.Cu	1	-	1020.3	-1	W	1	b	73	65	8	-	-	0	-	0	0	
Roches Point	1022.1	0	S	2	b	73	75	7	-	-	0	-	0	-	1021.4	-1	SSW	2	b	70	85	7	-	-	0	-	0	0	
Pembroke (St. Ann's II.)	1022.1	0	-	0	f-b	65	85	4	-	-	0	-	0	-	1021.7	-2	-	0	f-b	71	65	7	-	-	0	-	0	2	
Ross-on-Wye	1019.4	-2	NNW	2	b+	87	35	7	5750	Cu	2	-	2	-	1018.9	0	NNW	3	b	85	35	8	-	-	0	-	0	0	
Benson	1018.8	-1	WNW	2	b	86	25	8	-	-	0	-	0	-	1017.7	-2	NW	2	b	88	35	8	-	-	0	-	0	0	
S. Farnborough	1018.9	0	W	3	b	88	25	8	-	-	0	-	0	-	1016.9	-1	WNW	3	b	86	35	8	-	-	0	-	0	0	
London	1018.6	-3	W	2	bc+	85	15	8	-	-	0	Cu	4	-	1017.4	-1	NW	2	b	88	25	9	-	-	0	-	0	0	
Croydon	1018.6	-2	W/N	3	b	89	25	8	-	-	0	-	0	-	1017.5	-1	SE	2	b	87	25	8	-	-	0	-	0	0	
Clacton-on-Sea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1017.3	-1	NE	2	b	75	55	5	-	-	0	-	0	0	
Shoeburyness	1018.2	-1	SW	1	b	90	25	5	-	-	0	-	0	-	1017.0	-3	W	1	b	88	25	6	-	-	0	-	0	0	
Grain	1018.2	-2	SSW	3	f-fa	88	25	6	-	-	0	-	0	-	1016.9	-1	NNW	3	f-fb	86	25	6	-	-	0	-	0	0	
Lympe	1018.8	-1	S	4	b	84	45	8	-	-	0	-	0	-	1017.0	-1	SSW	3	b	80	55	8	-	-	0	-	0	0	
Scilly (St. Mary's)	1020.6	0	E	1	b	82	45	8	-	-	0	-	0	-	1020.3	0	E	1	b	78	45	8	-	-	0	-	0	1	
Falmouth	1020.9	0	SSE	2	b	78	97	7	-	-	0	-	0	-	1019.7	-1	-	0	f-b	79	45	7	-	-	0	-	0	0	
Plymouth	1020.0	0	SSW	2	b	72	65	8	-	-	0	-	0	-	1020.1	0	SSW	2	b	74	55	8	-	-	0	-	0	0	
Portland Bill	1011.3	-2	SW	2	b	71	85	7	-	-	0	-	0	-	1020.5	-2	NW	2	b	72	75	7	-	-	0	-	0	0	
Calshot	1019.5	-2	SW/S	4	b	82	35	9	-	-	0	-	0	-	1018.0	-2	SW	3	b	76	55	7	-	-	0	-	0	0	
Dungeness	1019.3	-1	SW	3	b	72	65	6	-	-	0	-	0	-	1017.6	-3	SW	4	b	69	75	8	-	-	0	-	0	0	
Jersey	1020.4	0	E	3	b	81	35	8	-	-	0	-	0	-	1019.5	0	NW	3	b	80	35	8	-	-	0	-	0	0	
LONDON OBSERVATIONS.															LONDON OBSERVATIONS.														
WEATHER.			TEMPERATURE.			RAIN-FALL. mm.	SUN-SHINE to Sunset hrs.	HUMIDITY.		ATMOSPHERIC POLLUTION. Lbs. of solid impurity per million cubic yards.	SOLAR RADIATION. Vertical component per square centimetre.		POLE STAR RECORD at Greenwich Obey.																
Morning.	Afternoon.	Night.	Max. °F.	Min. °F.	Min. on Grass °F.			1 lb. G.M.T. %	5 lb. G.M.T. %		During yesterday.		Exposure from 11 to 12. 21. 30 m.																
24 HOURS ENDED 0000 G.M.T. 12th																													
YESTERDAY.																													
TO-DAY.																													
34 HR. ENDED 1600 G.M.T. 12th																													
South Kensington.																													
Max.	Time.	Min.	Time.	Total.		Average Rate.		Maximum Rate.		Stars.		Exposure.		Record.															
0.2	1900	0.2	0300	2308		394		78		5.0		5.0		100															
0.8	0800	0.2	0300	2308		394		78		5.0		5.0		100															
Raw Observatory.																													
Max.	Time.	Min.	Time.	Total.		Average Rate.		Maximum Rate.		Stars.		Exposure.		Record.															
0.4	1700	0.2	1200	2308		394		78		5.0		5.0		100															

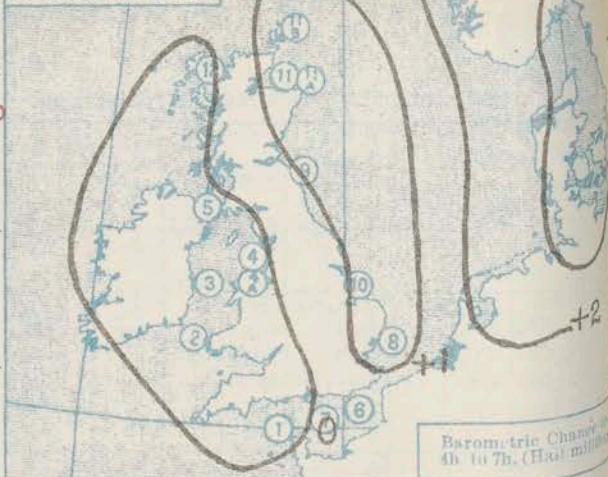


## SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN.
	7h.-13h.	13h.-18h.	18h. to 1h. 12h.	1h.-7h.	MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	
Lerwick	F	c p	00	f m p	54	46	0	Trace	Trace	0630	2.0
Sornoway	p	c	c	oid m	60	52	0	0.3	0.4	1630, 430	6.5
Wick	c	p	c	oid m	62	45	0	-	-	-	6.8
Castlebay	obc	co	o	o	58	55	0	-	-	-	4.4
Nairn	c b	bc g	bc g	o	70	51	0	-	-	-	4.4
Aberdeen	c	c	00	00	69	54	51	-	-	-	4.9
Malin Head	barbc	c	barbc	barbc	61	52	0	-	-	-	1.9
Renfrew	ocv	oo	coo	oo	66	53	49	-	-	-	5.8
Leith	c	c	oo	oo	62	54	54	-	-	-	7.4
Eskdalemuir	ozay	cyc	barbc	oo	67	38	34	-	-	-	6.6
Tynemouth	oovm	bcg	cim	oo im	74	53	0	-	-	-	6.6
Blackrod Point	barbc	barbc	barbc	barbc	66	58	0	-	-	-	11.5
Donaghadee	cm	bc	cm	bcm	68	53	0	-	-	-	8.8
Birr Castle	c	c	of	of	80	55	50	-	-	-	12.3
Baldonnell	barbc	iz	cim	barbcim	81	50	45	-	-	-	14.0
Holyhead	bcgfc	barbc	barbc	barbc	72	56	48	-	-	-	13.4
Liverpool (Bidston)	barbc	barbc	barbc	barbc	69	59	53	-	-	-	14.5
Manchester (Alex.Pk.)	bim	bbcz	bm	bm	79	50	44	-	-	-	13.4
Howden	c	c	barbc	c	84	46	36	-	-	-	14.1
Spurn Head	barbc	barbc	barbc	barbc	76	57	0	-	-	-	14.3
Nottingham	barbc	barbc	im	barbc	85	48	47	-	-	-	14.4
Cranwell	barbc	barbc	im	barbcim	86	52	49	-	-	-	14.0
Gorleston	f m	f m	barbc	barbc	80	56	53	-	-	-	14.5
Pulham	barbc	barbc	barbc	barbc	89	48	42	-	-	-	14.7
Felixstowe	barbc	barbc	f m	f m	85	55	0	-	-	-	13.0
Valencia (Cahirciveen)	bzy	bz	barbc	bzm	75	56	49	-	-	-	15.1
Roches Point	bz	bz	boc eff	boc	75	58	0	0.2	-	-	14.7
Pembroke (St. Ann's H.)	if	im	barbc	barbc	74	58	0	-	-	-	14.5
Rose-on-Wye	bzy	by	byb mby	byb	90	53	45	-	-	-	14.7
Benson	barbc	barbc	barbc	barbc	90	53	48	-	-	-	14.4
S. Farnborough	barbc	barbc	barbc	barbc	91	53	47	-	-	-	14.5
London	bz	bcy by	bzy	bbzbm	89	62	56	-	-	-	14.3
Croydon	bzy	barbc	barbc	bim	90	56	50	-	-	-	14.6
Clacton-on-Sea	bzy	byz	byz	bz	81	57	53	-	-	-	14.7
Shoeburyness	barbc	barbc	barbc	barbc	92	55	48	-	-	-	14.5
Grain	iz iz	barbc	barbc	barbc	90	60	52	-	-	-	14.5
Lympne	byz	byz	barbc	barbc	85	57	47	-	-	-	14.3
Scilly (St. Mary's)	barbc	barbc	barbc	barbc	82	64	0	-	-	-	14.6
Falmouth	bbyiz	byiz	byiz	byiz	81	61	53	-	-	-	14.7
Plymouth	barbc	barbc	barbc	barbc	77	55	0	-	-	-	13.8
Portland Bill	barbc	barbc	barbc	barbc	74	61	0	-	-	-	14.5
Calehot	f m	barbc	f m	barbc	85	59	57	-	-	-	14.5
Dungeness	barbc	barbc	barbc	barbc	81	62	0	-	-	-	14.5
Jersey	b	b	barbc	b	85	66	0	-	-	-	14.5

## ISALOBARS.

## POSITION NUMBERS



Position Number	5	6	7
Date	11	12	12
Time G.M.T.	105	025	035
Sea ° F	56	60	59
Air ° F	59	62	63

## GENERAL INFERENCE.

The anticyclone now covers the whole of the British Isles and their vicinity, and there are no indications of any important change in the weather conditions.

## Districts.

Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday 12th July, 1921.

## Further Outlook.

Fine, dry very warm generally.

Wind light Northerly or variable; fine; temperature very high except along East coast; visibility fair or good.

Wind light North or North-West; fair; rather warm; visibility good.

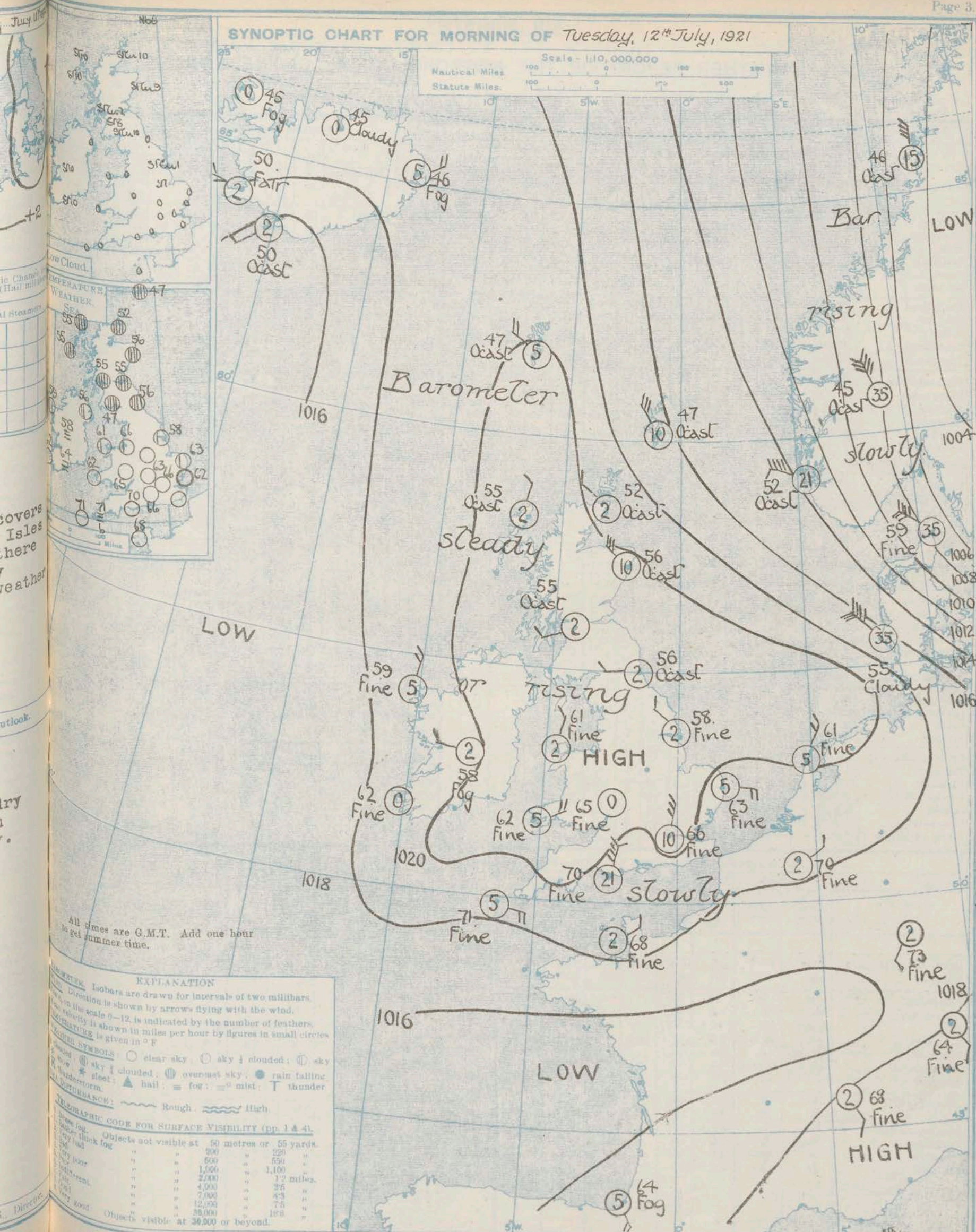
Wind light from some Northerly point; fair; moderate to rather high temperature; visibility fair or good.

Light variable winds; fine; warm; visibility fair or good.



# SYNOPTIC CHART FOR MORNING OF Tuesday, 12<sup>th</sup> July, 1921

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



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.  
Speed on the scale 0-12 is indicated by the number of feathers.  
Temperature is shown in miles per hour by figures in small circles.  
Temperature is given in ° F.

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

DISBURSAL: ~~~~~ Rough; ~~~~~ High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (pp. 1 & 4).

Objects not visible at	50 metres or 55 yards	100 metres or 110 yards	1,000 metres or 1,100 yards	2,000 metres or 2,200 yards	3,000 metres or 3,300 yards	4,000 metres or 4,400 yards	5,000 metres or 5,500 yards	6,000 metres or 6,600 yards	7,000 metres or 7,700 yards	8,000 metres or 8,800 yards	9,000 metres or 9,900 yards	10,000 metres or 11,000 yards	12,000 metres or 13,200 yards	15,000 metres or 16,500 yards	20,000 metres or 22,000 yards	25,000 metres or 27,500 yards	30,000 metres or 33,000 yards	40,000 metres or 44,000 yards	50,000 metres or 55,000 yards	60,000 metres or 66,000 yards	70,000 metres or 77,000 yards	80,000 metres or 88,000 yards	90,000 metres or 99,000 yards	100,000 metres or 110,000 yards
Very poor	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Very good	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47

Objects visible at 30,000 or beyond.



# AIR MINISTRY.

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

Page 4.

BRITISH SECTION. *TUESDAY, 12<sup>th</sup> JULY, 1921.*

No. 193.

STATIONS.	Observations at 0100 G.M.T. 12 <sup>th</sup>													Observations at 0700 G.M.T. 12 <sup>th</sup>															
	Barom. at M.S.L. m.b.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-8	Height of Low Cloud. Feet	Cloud.			Sea.	Barom. at M.S.L. m.b.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-8	Height of Low Cloud. Feet	Cloud.						
			Direc.	Force						0-12	Low.					Upper Form.	Total Amt.						Direc.	Force	0-12	Low.		Upper Form.	Total Amt.
											Form.	Amt. 0-10														Form.	Amt. 0-10		
Lerwick ...	1017.9	+3	NW	1	0	49	85	7	-	Nb	10	-	10	-	1016.7	+2	NNW	3	0	47	85	8	-	Nb	6	A.5c	9		
Stornoway ...	1021.6	+3	W	1	0	49	85	7	-	-	-	-	-	1020.9	0	NNE	1	0	55	85	8	800	St.	10	-	10			
Wick ...	1019.1	+2	W	1	0	46	97	8	-	-	-	-	-	1019.6	+1	NW	1	0	52	97	8	5750	St.	10	-	10			
Castlebay ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1021.3	0	SSW	1	0	55	85	7	5750	St.	10	-	10			
Nairn ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1020.4	-	-	0	0	55	...	...	...	...	...	...	...			
Aberdeen ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1020.6	+1	NNW	3	0	56	75	8	4000	St.	9	-	9			
Main Head ...	1021.7	0	-	0	0	53	97	9	4000	Cu	3	-	3	-	1020.8	-1	E	1	0	57	92	8	-	-	-	A.5c	7		
Benfrew ...	1021.2	0	-	0	0	53	85	8	2500	St.	8	A.5c	10	-	1021.1	0	WSW	1	0	55	85	8	1500	St.	1	A.5c	10		
Leith ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1020.3	+1	W	1	0	55	85	6	-	St.	4	A.5c	9			
Eskdalemuir ...	1021.6	0	-	0	0	43	92	7	2500	St.	4	-	4	-	1021.6	0	-	0	0	47	85	9	4000	St.	10	-	10		
Tynemouth ...	1020.0	0	W	2	0	56	75	7	-	-	-	A.5c	3	-	1020.8	+1	W	1	0	56	75	6	-	-	-	A.5c	10		
Blackod Point ...	1020.1	-1	NNE	1	C+	58	75	6	-	-	-	A.5c	8	-	1019.3	-2	NNE	2	0	59	92	7	-	-	-	A.5c	3		
Donaghadee ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1021.1	+1	ENE	1	0	58	85	8	-	-	-	-	A.5c	2		
Birr Castle ...	1022.0	...	...	...	...	...	...	...	...	...	...	...	...	1019.7	...	...	1	ffo	58	97	2	450	St.	10	-	-	10		
Baldonnell ...	1021.0	12	EES	4	b-	57	85	5	1500	St.	2	-	2	-	1020.9	0	ENE	1	0	59	85	7	-	-	-	-	0		
Holyhead ...	1021.1	0	NNE	1	b	...	...	...	...	...	...	...	...	1020.6	0	NNE	1	0	61	92	8	-	-	-	-	A.5c	3		
Liverpool (Bidston) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1020.5	-1	NW	3	0	66	95	6	-	-	-	-	-	0		
Manchester (Alex.Pk.) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1021.3	0	W	2	0	58	85	4	-	-	-	-	-	0		
Howden ...	1020.3	0	-	0	b	49	97	6	4000	St.	1	A.5c	3	-	1020.7	0	NNW	1	C+	59	85	7	4000	St.	1	C.5c	7		
Spurn Head ...	1020.6	0	SE	1	b	60	85	6	2500	St.	1	-	1	-	1021.3	+1	NW	1	0	58	92	7	2500	St.	1	A.5c	3		
Nottingham ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1021.7	...	...	1	0	63	75	3	-	-	-	-	-	0		
Cranwell ...	1021.0	0	NNW	1	b-	58	85	6	-	-	-	0	0	-	1020.9	+1	NNW	3	0	62	65	6	5750	St.	1	-	1		
Gorleston ...	1019.1	0	-	0	b	61	75	7	-	-	-	Ci	1	-	1019.7	0	E	2	0	63	85	7	-	-	-	A.5c	0		
Pulham ...	1019.2	0	-	0	b	53	97	6	-	-	-	0	0	-	1020.2	+1	-	0	0	63	85	6	-	-	-	0	0		
Felixstowe ...	1019.3	+1	NE	2	b	57	85	6	-	-	-	0	0	-	1020.3	+1	NE	3	0	64	75	7	-	-	-	0	0		
Valencia (Cahirciveen) ...	1019.7	0	-	0	bc	62	...	8	...	...	...	...	...	1018.3	0	-	0	0	62	85	8	-	-	-	-	-	0		
Roches Point ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1021.0	0	-	0	ffo	64	97	2	4150	St.	10	-	-	0		
Pembroke (St. Ann's H.) ...	1020.9	0	-	0	b	63	75	8	-	-	-	0	0	-	1020.6	0	ENE	2	0	62	85	8	-	-	-	-	0		
Ross-on-Wye ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1020.8	0	-	0	0	65	75	7	-	-	-	-	-	0		
Benson ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1019.6	+1	N	1	0	63	85	6	-	-	-	-	-	0		
S. Farnborough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1019.8	+1	NE	2	0	66	75	5	-	-	-	-	-	0		
London ...	1019.0	0	-	0	69	...	...	...	...	...	...	...	...	1020.7	+1	NNE	3	0	66	75	6	-	-	-	-	-	0		
Croydon ...	1019.2	0	WSW	2	b	64	65	8	-	-	-	0	0	-	1020.1	+1	ENE	1	0	66	75	8	-	-	-	-	0		
Clacton-on-Sea ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1019.8	0	NNE	3	0	62	85	5	-	-	-	-	-	0		
Shoeburyness ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1020.3	+1	NNE	1	b/f	65	75	5	-	-	-	-	-	0		
Grain ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1019.9	+1	NNE	3	ffo	65	85	6	-	-	-	-	-	0		
Lympne ...	1018.1	0	NNW	4	b	62	85	8	-	-	-	0	0	-	1019.1	+1	N'E	2	0	64	85	7	-	-	-	-	0		
Scilly (St. Mary's) ...	1020.3	0	N'E	1	b	66	75	8	-	-	-	0	0	-	1018.9	0	E'S	2	0	71	75	7	-	-	-	-	0		
Falmouth ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1019.2	0	NNE	1	ffo	71	55	7	-	-	-	-	-	0		
Plymouth ...	1020.1	0	NE	1	b	60	75	8	-	-	-	0	0	-	1020.1	0	ENE	1	0	68	65	6	-	-	-	-	0		
Portland Bill ...	1020.5	0	NE	4	b	64	75	7	-	-	-	0	0	-	1019.4	-2	NE	5	0	70	75	7	-	-	-	-	0		
Calshot ...	1018.9	0	NNW	3	b	67	75	8	-	-	-	0	0	-	1019.5	+1	N	2	0	67	65	6	-	-	-	-	0		
Dungeness ...	1017.6	0	N	2	b	63	92	8	-	-	-	0	0	-	1019.2	+1	N	3	0	65	85	7	-	-	-	-	0		
Jersey (Guernsey Ih.) ...	1020.6	+1	NNW	2	b	71	55	8	-	-	-	0	0	-	1018.5	0	NE	1	0	68	65	8	-	-	-	-	0		

### WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR *11<sup>th</sup> JULY*

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.†		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.†		SUNSHINE.	
	Fore-noon.	After-noon.	Max. Day °F.	Min. Night °F.	Night 12h.-9h. 10 <sup>th</sup> -11 <sup>th</sup> mm.	Day 9h.-12h. 11 <sup>th</sup> mm.	Sunrise to 17h. hr.	Sunrise to Sunset. 10 <sup>th</sup> hr.		Fore-noon.	After-noon.	Max. Day °F.	Min. Night °F.	Night 12h.-9h. 10 <sup>th</sup> -11 <sup>th</sup> mm.	Day 9h.-12h. 11 <sup>th</sup> mm.	Sunrise to 17h. hr.	Sunrise to Sunset. 10 <sup>th</sup> hr.
Banff ... ..	bc	bc b	63	56	-	-	7.4	?	Paignton ... ..	b	b	85	53	-	-	12.4	14.7
Montrose ... ..	b	bc	69	55	-	-	6.8	14.9	Ilfracombe ... ..	b	b	73	59	-	-	12.0	14.5
Llandudno ... ..	b	b	73	62	-	-	11.6	12.9	Bude ... ..	wmb	b	78	49	-	-	12.4	13.3
Colwyn Bay ... ..	b	b	74	62	-	-	11.8	13.2	Penzance ... ..	b	b	83	59	-	-	11.8	14.7
Rhyl ... ..	b	b	71	57	-	-	11.9	12.7	Torquay ... ..	bz	by	86	60	-	-	12.3	14.5
Southport ... ..	b	b bc	70	61	-	-	11.8	15.1	Weymouth ... ..	b	b	86	55	-	-	12.2	14.7
Blackpool ... ..	b. bc	c	70	58	-	-	11.5	13.9	Bournemouth ... ..	b	b	89	53	-	-	12.4	14.7
Harrogate ... ..	b	b. bc	79	59	-	-	10.1	13.4	Portsmouth (S'theea) ... ..	b	b	88	59	-	-	12.1	15.1
Skewness ... ..	bm	ob	55	60	-	-	12.0	14.2	Worthing ... ..	b	b	?	53	-	-	12.4	14.4
Aberystwyth ... ..	co	c	72	54	-	-	9.5	?	Brighton ... ..	b	b	79	62	-	-	12.1	14.6
Bath ... ..	b	b	85	53	-	-	12.0	13.5	Eastbourne ... ..	b	b	84	56	-	-	12.4	14.7
Leamington Spa ... ..	b	b	87	54	-	-	11.9	?	Hastings ... ..	b	b	85	65	-	-	12.5	14.7
Lowestoft ... ..	b	b	76	61	-	-	12.7	15.1	Folkestone ... ..	b	b	84	61	-	-	12.1	14.4
Felixstowe ... ..	b	bm	81	54	-	-	12.4	14.6	Tunbridge Wells ... ..	b	b	91	52	-	-	12.3	14.6
Southend ... ..	b	b	93	63	-	-	12.0	13.8	Ramsgate ... ..	b	b	84	62	-	-	12.0	14.9
									Margate ... ..	b	b	87	64	-	-	12.3	14.5
									Deal ... ..	b	b	89	57	-	-	12.3	14.5





## AIR MINISTRY.

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

BRITISH SECTION.

No. B.21793

Wednesday 15 July 1921.

Page 1.

STATIONS.	Observations at 1500 G.M.T. 12 <sup>h</sup>												Observations at 1800 G.M.T. 12 <sup>h</sup>														
	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.					
			Direc.	Force						Form.	Amt.	Total Form.			Amt.	Total											
																						0-10	0-10	0-10			
Lerwick	1018.3	+1	NW	3	0	51	75	8	7250	St. Cu	7	A. St	9	1018.3	0	NNE	3	0	48	85	8	-	Nb	4	acu	10	2
Stornoway	1021.4	0	NW	2	0	55	92	7	800	St.	10	-	10	1021.3	0	NW	2	0	56	85	7	800	St	9	-	9	1
Wick	1020.2	0	ESE	1	0	53	92	8	5750	St.	10	-	10	1020.1	0	NNE	1	0	53	92	8	5750	St. Cu	9	-	9	0
Castletoby	1021.2	0	-	0	0	57	85	7	3750	St.	10	-	10	1020.6	0	NW	2	60	58	75	8	4000	Nb	1	acu	6	0
Nairn	1020.5	0	ESE	3	0	60	75	8	4000	St.	9	-	9	1019.8	0	E	2	0	55	85	8	2500	St	10	-	10	0
Aberdeen	1019.7	-1	ENE	2	bcv	62	97	9	-	-	-	-	1018.4	-1	NE	3	b	57	97	9	-	-	-	-	-	3	1
Malin Head	1019.6	-2	-	0	0	69	45	8	2500	St. Cu	2	acu	10	1018.8	-1	NNW	2	c	66	55	8	2500	St. Cu	3	acu	8	0
Renfrew	1020.0	-3	ESE	2	0	61	65	9	-	St. Cu	5	acu	9	1019.7	-1	ESE	2	0	59	75	9	-	St. Cu	4	acu	10	3
Leith (South)	1020.0	0	ENE	1	c	62	65	8	4000	St.	3	St. Cu	8	1018.5	-1	-	0	0	66	55	8	5750	St.	2	acu	6	0
Blackhead	1020.5	0	N	3	c	56	85	7	-	-	-	acu	8	1019.7	0	E	2	6	61	75	8	-	-	-	acu	3	0
Donaghadee	1017.3	-2	-	0	b	73	65	8	-	-	-	-	0	1015.3	12	N	2	6	70	75	8	-	-	-	-	0	1
Birr Castle	1017.5	0	ENE	1	bc	60	75	8	4000	-	-	acu	5	1018.9	-1	N	1	6	61	65	8	-	-	-	acu	2	0
Baldonnel	1017.5	-2	W	1	b	82	65	8	2500	St. Cu	3	-	3	1015.4	-1	NW	1	bc	84	65	6	-	-	-	acu	4	0
Holyhead	1019.5	-2	ENE	3	fb	76	65	8	4000	St.	1	-	1	1018.2	-1	E	3	6	66	75	8	-	-	-	-	0	0
Liverpool (Bidston)	1019.7	-2	NNW	3	b	69	75	8	5750	St.	1	-	1	1018.5	-1	NNW	3	6	71	75	8	-	-	-	-	0	1
Manchester (Alex. Pk.)	1018.9	-2	NNW	3	b	71	55	7	-	-	-	-	0	1018.2	-1	NNW	3	6	67	65	8	-	-	-	-	0	3
Howden	1018.7	-2	NNW	3	b	78	45	7	1500	St. Cu	2	-	2	1017.7	-2	NNW	3	6	77	45	6	-	-	-	-	0	0
Spurn Head	1018.7	-2	N	1	b	74	55	8	4000	St.	1	acu	2	1018.0	0	ENE	3	bc	66	85	8	-	-	-	St. Cu	5	0
Nottingham	1018.3	-1	NE	3	bf	66	85	6	-	-	-	-	0	1019.4	-1	ENE	2	fb	62	85	6	-	-	-	-	0	0
Gravelly	1018.3	-1	W	2	b	81	45	8	4000	St.	3	-	3	1017.1	-1	ENE	2	6	77	45	6	4000	St.	1	St. Cu	3	0
Gorleston	1019.1	-2	NNW	2	b	77	35	6	-	-	-	-	0	1018.0	0	ENE	3	b	71	65	7	-	-	-	-	0	0
Pulham	1019.3	-1	S	3	fb	63	85	6	4000	St.	1	-	1	1019.1	0	ESE	2	6	63	85	8	-	-	-	-	0	1
Polkarewe	1018.2	-2	ESE	2	bc	76	55	8	4000	St.	4	-	4	1017.9	0	E	3	6	70	65	9	-	-	-	-	0	1
Valencia (Cahirovreen)	1018.5	-2	SE	4	b	83	45	7	-	-	-	-	0	1015.4	-1	SE	4	6	79	45	7	-	-	-	-	0	0
Rochester Point	1019.5	-1	SE	3	b	74	65	7	-	-	-	-	0	1017.9	-2	SE	2	c	73	75	7	-	-	-	-	0	0
Fembridge (St. Ann's H.)	1019.5	-1	SE	3	b	71	75	8	-	-	-	-	0	1017.5	-2	NE	2	6	78	65	8	-	-	-	-	0	2
Ross-on-Wye	1018.4	-3	NNW	2	b	84	45	8	-	-	-	-	0	1016.6	-2	E	2	6	83	45	8	5750	St.	2	-	2	0
Beaconsfield	1017.8	-2	N	1	b	83	35	8	-	-	-	-	0	1016.3	-2	N	1	6	83	35	8	-	-	-	-	0	0
S. Farnborough	1017.6	-2	NNW	2	b	85	35	8	-	-	-	-	0	1016.1	-1	NNW	2	6	84	35	8	-	-	-	-	0	0
London (New Obs.)	1017.6	-5	N	2	b	81	35	6	-	-	-	-	0	1016.4	-2	NW	1	6	85	35	8	-	-	-	-	0	0
Croydon	1018.1	-2	N	2	b	82	35	7	-	-	-	-	0	1016.8	-1	W	3	6	81	45	7	-	-	-	-	0	0
Clacton-on-Sea	1017.9	-1	E	3	b	66	75	7	-	-	-	-	0	1017.9	-1	E	3	6	66	75	7	-	-	-	-	0	0
Shoeburyness	1018.0	-2	SE	3	b	67	75	7	-	-	-	-	0	1018.0	-2	SE	3	6	67	75	7	-	-	-	-	0	0
Grain	1017.3	-2	ENE	4	b	67	75	8	-	-	-	-	0	1017.3	-2	ENE	4	6	67	75	8	-	-	-	-	0	3
Lymington	1017.2	-1	ENE	3	b	72	65	7	-	-	-	-	0	1017.2	-1	ENE	3	6	72	65	7	-	-	-	-	0	0
Seilly (St. Mary's)	1018.2	-2	ENE	2	bc	73	97	7	-	-	-	-	0	1018.2	-2	ENE	2	fb	74	55	6	-	-	-	-	4	2
Falmouth	1018.5	-2	ENE	2	fb	74	55	6	-	-	-	-	0	1018.5	-2	ENE	2	fb	74	55	6	-	-	-	-	2	0
Plymouth	1018.6	-2	SW	3	6	69	65	7	-	-	-	-	0	1018.6	-2	SW	3	6	69	65	7	-	-	-	-	0	0
Portland Bill	1017.7	-1	-	0	6	74	65	6	-	-	-	-	0	1017.7	-1	-	0	6	74	65	6	-	-	-	-	0	0
Calshot	1016.3	-1	SW	3	6	78	55	7	-	-	-	-	0	1016.3	-1	SW	3	6	78	55	7	-	-	-	-	0	0
Dunoon	1017.2	-1	E	4	6	66	85	8	-	-	-	-	0	1017.2	-1	E	4	6	66	85	8	-	-	-	-	0	4
Jersey	1015.8	-1	E	3	6	83	45	8	-	-	-	-	0	1015.8	-1	E	3	6	83	45	8	-	-	-	-	0	0

LONDON OBSERVATIONS.				WEATHER.			TEMPERATURE.			RAIN-FALL. 24 Hrs. in inch.	SUN-SHINE to Sunset. hrs.	HUMIDITY.		ATMOSPHERIC POLLUTION. lbs. of solid impurity per million cubic yards.	SOLAR RADIATION. Vertical component per square centimetre.	POLE STAR RECORD at Greenwich Obsy.											
				Morn- ing.	After- noon.	Night.	Max. °F.	Min. °F.	Min. on Grass. °F.			15h. G.M.T. %	9h. G.M.T. %			Exposure from 12 <sup>h</sup> to 13 <sup>h</sup> 20 <sup>m</sup> .											
24 hours ended 0700				bzbzy	bzy	bzbzy	.	50	-	-	13.8	.	24 Hr. ended 1800 G.M.T. 14 <sup>h</sup>	During yesterday.	to 13 <sup>h</sup> 2 <sup>h</sup> 30 <sup>m</sup> .												
Kew				bzbzy	bzy	bzbzy	.	50	-	-	13.8	.	South Kensington	South Kensington.													
Croydon				bzbzy	bzy	bzbzy	.	49	-	-	13.8	.	Max. Time. Min. Time.	Total 21.22 joules	Stars.	Expo- sure.	Record.										
Greenwich (Royal Obsy.)				bz	bz	b	87	55	43	-	14.1	28	0.4 11.24 0.2 12.14														
City (Bunhill Row)				.	.	.	87	63	57	-	13.3		0.8 12.74 0.2 12.14	Average Rate													
Westminster (St. James' Pk.)				.	.	.	.	.	.	-	13.5	30		36.3 Milli-watts.	Polaris	h. m.	h. m. %										
Regent's Pk. (Botanical Gdns.)				.	.	.	.	.	.	-	13.6				Ursae	5.0	5.0 100										
Camden Sq. (Brit. Rainfall)				bzb	b	.	89	61	56	-	.	29	55	Max. Time. Min. Time.	Maximum Rate	Minoris	h. m.	h. m. %									
Kew Palace				b	b	.	87	59	52	-	.	41.8	59	0.4 11.24 4.02 12.15	76 Milli-watts.												
Hampstead Observatory				.	.	.	86	59	51	-	13.8	57	0.8 12.8 4.02 12.15														
TABLE SHOWING THE GREENWICH TIMES OF RISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.				DEAUFORT 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.				Beau- fort No.		Statute miles per hour.		Metres per second.			
13 <sup>th</sup> July 1921.				b blue sky (not more than a quarter covered).												With present weather is combined, whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions, thus: - bcf = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 5-10.				SEA DISTURBANCE. 0 = no swell } Calm or slight 1 = mod. swell } seas. 2 = heavy swell } seas. 3 = no swell } Moderate 4 = mod. swell } seas. 5 = heavy swell } seas. 6 = rather rough sea. 7 = rough sea. 8 = very rough sea. 9 = mountainous sea.				<div> <div>0</div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> <div>6</div> <div>7</div> <div>8</div> <div>9</div> <div>10</div> <div>11</div> <div>12</div> </div> <div> <div>Less than 1.</div> <div>1-3</div> <div>4-7</div> <div>8-13</div> <div>13-18</div> <div>19-24</div> <div>25-31</div> <div>32-38</div> <div>39-46</div> <div>47-54</div> <div>55-63</div> <div>64-75</div> <div>Above 75</div> </div> <div> <div>Less than 0.3</div> <div>0.3-1.5</div> <div>1.6-3.3</div> <div>3.4-5.3</div> <div>5.4-7.9</div> <div>8.0-10.7</div> <div>10.8-13.8</div> <div>13.9-17.1</div> <div>17.2-20.7</div> <div>20.8-24.4</div> <div>24.5-28.4</div> <div>28.5-33.5</div> <div>33.6 or above</div> </div>			
STATIONS.				c generally cloudy (three-quarters covered).																							
Sunrise. Noon. Sunset.				d drizzle, or fine rain. f fog.																							
G.M.T. G.M.T. G.M.T.				h hail. EQ line squall. l lightning.																							
3.46 11.58 5.11				m mist. o overcast sky.																							
3.47 11.59 5.10				p passing showers. r rain.																							
3.59 12.15 5.12				rs sleet, i.e., rain and snow together.																							
4.0 12.6 5.11				s snow. t thunder.																							
3.57 12.17 5.8				z dust haze; the turbid atmosphere of dry weather.																							
3.59 12.18 5.6																											
4.37 12.46 5.56																											
4.38 12.47 5.55																											



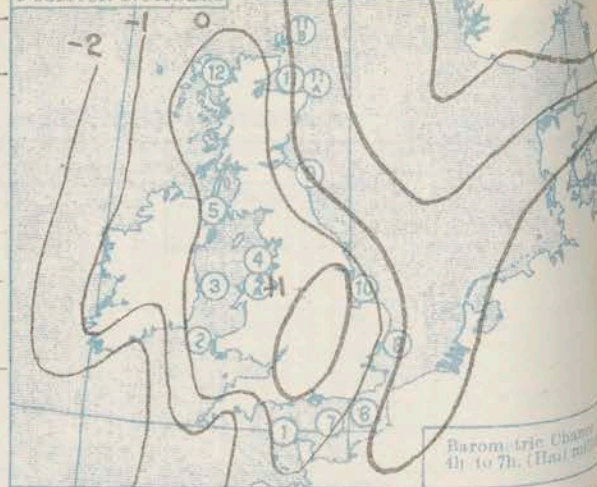
## SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN.
	7h-13h. 12h.	13h-18h. 12h.	18h-24h. to 1h.	1h-7h. 3h.	MAX. Day. 7h-18h.	MIN. Night. 18h-7h.	MIN. on GRASS.	Day. 7h-18h.	Night. 18h-7h.	Precipitation began.	
Lerwick	00	00	00	C	52	43	.	-	-	-	.
Stornoway	00	00	00	b.c.	57	43	.	-	-	-	0.2
Wick	00	00	00	C	54	39	.	0.3	-	4.0	.
Castlebay	00	00	00	b.c.	59	53	.	-	-	-	0.6
Nairn	00	00	00	C	62	50	.	-	-	*	0.2
Aberdeen	00	00	00	C	63	51	51	-	-	-	0.7
Malin Head	00	00	00	C	69	45	36	-	-	-	7.6
Renfrew	00	00	00	b.c.	63	53	49	-	-	-	3.3
Leith (Inchkeith)	00	00	00	b.c.	69	43	36	-	-	-	.
Esksdalemuir	00	00	00	b.c.	62	53	.	-	-	-	.
Tynemouth	00	00	00	b.c.	74	62	.	-	-	-	.
Blacksod Point	00	00	00	b.c.	62	57	.	-	-	-	.
Donaghadee	00	00	00	b.c.	86	55	47	-	-	-	12.5
Birr Castle	00	00	00	b.c.	71	53	47	-	-	-	12.4
Baldonnell	00	00	00	b.c.	74	58	47	-	-	-	14.1
Holyhead	00	00	00	b.c.	73	56	48	-	-	-	13.8
Liverpool (Bidston)	00	00	00	b.c.	80	50	42	-	-	-	.
Manchester (Alex.Pk.)	00	00	00	b.c.	78	54	50	-	-	-	13.2
Howden	00	00	00	b.c.	67	54	.	-	-	-	.
Spurn Head	00	00	00	b.c.	84	56	54	-	-	-	13.4
Nottingham	00	00	00	b.c.	55	53	.	-	-	-	13.7
Cranwell	00	00	00	b.c.	64	56	54	-	-	-	11.0
Goxleston	00	00	00	b.c.	79	49	42	-	-	-	13.7
Pulham	00	00	00	b.c.	68	53	.	-	-	-	13.5
Felixstowe	00	00	00	b.c.	54	60	50	-	-	-	14.6
Valencia (Cahiroiveen)	00	00	00	b.c.	73	61	.	-	-	-	.
Roches Point	00	00	00	b.c.	79	62	.	-	-	-	14.1
Pembroke (St. Ann's H.)	00	00	00	b.c.	86	56	50	-	-	-	13.6
Ross-on-Wye	00	00	00	b.c.	88	55	47	-	-	-	14.2
Benson	00	00	00	b.c.	88	53	47	-	-	-	13.8
S. Farnborough	00	00	00	b.c.	86	54	48	-	-	-	.
London (Kew, W.S.)	00	00	00	b.c.	68	59	54	-	-	-	14.1
Croydon	00	00	00	b.c.	89	54	44	-	-	-	13.3
Clacton-on-Sea	00	00	00	b.c.	71	55	50	-	-	-	14.1
Shoeburyness	00	00	00	b.c.	79	55	44	-	-	-	14.1
Grain	00	00	00	b.c.	78	63	.	-	-	-	13.5
Lympe	00	00	00	b.c.	78	63	55	-	-	-	13.2
Seilly (St. Mary's)	00	00	00	b.c.	85	59	.	-	-	-	14.3
Falmouth	00	00	00	b.c.	77	66	.	-	-	-	.
Plymouth	00	00	00	b.c.	86	61	54	-	-	-	13.6
Portland Bill	00	00	00	b.c.	71	61	.	-	-	-	.
Calshot	00	00	00	b.c.	85	66	.	-	-	-	14.1
Dungeness	00	00	00	b.c.	.	.	.	-	-	-	.
Jersey	00	00	00	b.c.	.	.	.	-	-	-	.

BAROGRAPHS.

Wednesday, 15th July.

POSITION NUMBERS



Temperature reported from Cross Channel and Coastal Stations.

Position Number	3	6	7
Date	12	13	13
Time G.M.T.	10.50	12.20	03.05
Sea ° F	55	60	59
Air ° F	59	63	61

## GENERAL INFERENCE.

The anticyclone is now centred beyond Shetland and some increase in the strength of the Easterly breeze will probably prevent temperature rising to as high a point as of late in most parts of England. There are, however, no indications of rain at present.

## Districts.

Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 13th July, 1921.

## Further Outlook.

1. S.E. England
2. E. England
3. E. Midlands
4. W. Midlands
5. S.W. England
6. South Wales
7. North Wales
8. N.W. England

Wind mainly East, light to moderate. Fine, but temperature rather lower than of late. Visibility fair or good.

Continuing fine in the Northern districts uncertain in the South and West.

9. N. Midlands
10. N.E. England
11. E. Scotland

Light Easterly or North-Easterly winds. Fine. Visibility mainly good. Moderate or rather high temperature except on Eastern seaboard.

12. S.W. Scotland
13. Isle of Man

Light Easterly winds; fine, warm. Visibility fair or good.

14. N. & N.W. Scotland
15. Hebrides
16. Orkneys and Shetlands

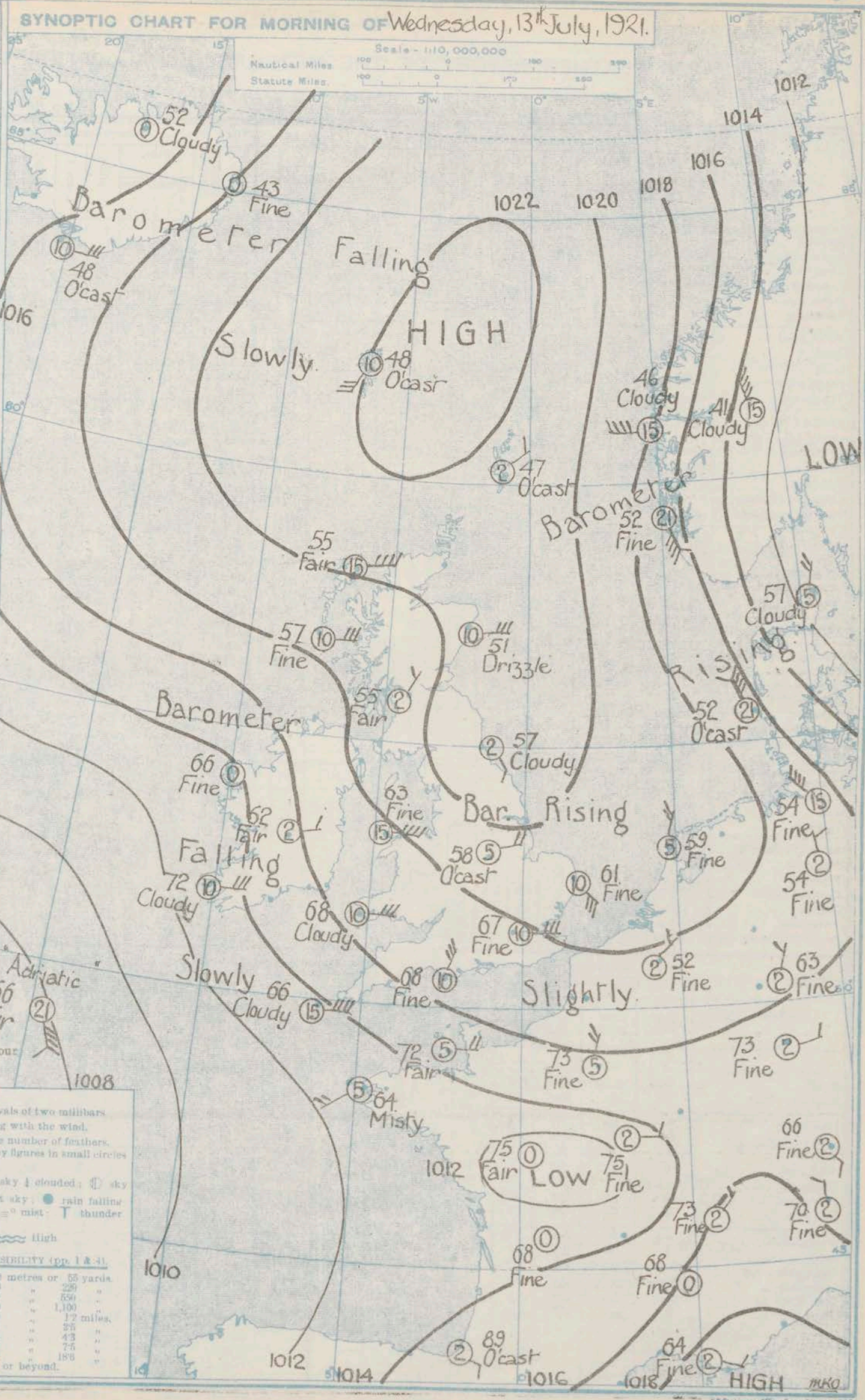
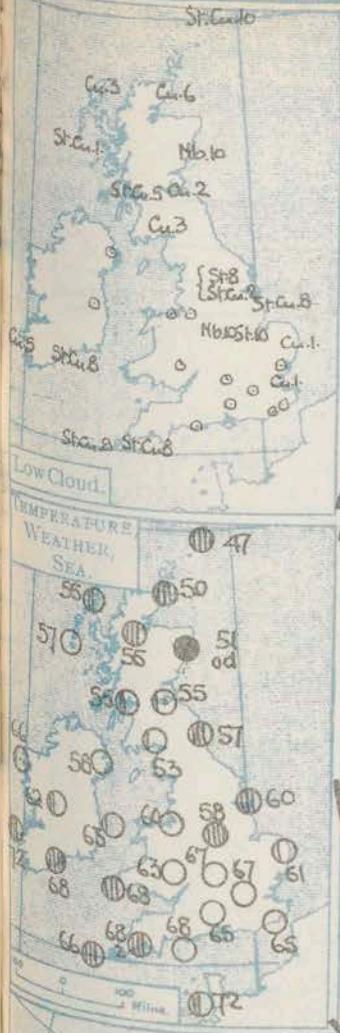
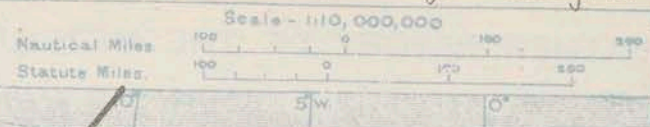
Wind light East or North-East; fine, moderate temperature. Visibility good.

17. N.W. Ireland
18. N.E. Ireland
19. S.E. Ireland
20. S.W. Ireland

Wind Easterly light to moderate; fine to cloudy. Visibility fair or good; becoming less warm.



# SYNOPTIC CHART FOR MORNING OF Wednesday, 13<sup>th</sup> July, 1921.



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

EXPLANATION	
Isobars are drawn for intervals of two millibars.	
Direction is shown by arrows flying with the wind.	
Force, on the scale 0-12, is indicated by the number of feathers.	
Sea 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
◓ overcast sky	● rain falling
▲ hail	☁ fog
☁ mist	⚡ thunder
DISTURBANCE:	
~~~~~ Rough	~~~~~ High
TELEGRAPHIC CODE FOR SURFACE VISIBILITY (pp. 1 & 4).	
Objects not visible at	50 metres or 55 yards
Very poor	300
Very bad	500
Poor	1,000
Indifferent	2,000
Good	4,000
Very good	7,000
Objects visible at 30,000 or beyond.	12,000



# AIR MINISTRY.

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

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BRITISH SECTION *Wednesday, 13<sup>th</sup> July* 1921.

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Page 4.

BRITISH SECTION

STATIONS.	Observations at 0100 G.M.T. 13 <sup>th</sup>														Observations at 0700 G.M.T. 13 <sup>th</sup>															
	Barom. at M.S.L.	Change in 3 Hours	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.				Barom. at M.S.L.	Change in 3 Hours	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.							
			Direc.	Force						Form.	Amt.	Total Amt.	Sea.			Direc.	Force						Form.	Amt.	Total Amt.					
																										0-12	0-10	0-10	0-9	0-10
Lerwick ...	1021.0	0	NE	1	0	45	92	7	-	-	-	ACu	9	-	1021.8	+2	NE	1	0	47	75	8	-	Sc	10	-	10			
Stornoway ...	1021.8	0	-	0	0	40	8	8	-	-	-	-	-	-	1020.2	0	E	4	bc	55	85	8	4000	Cu	3	-	4			
Wick ...	1021.1	0	ENE	1	bc	49	92	8	800	Sr	3	ACu	5	-	1021.3	0	NE	1	bc	50	85	8	4000	Cu	6	-	6			
Castlebay ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1018.2	0	ENE	3	b	57	85	8	-	Sc	1	-	1			
Nairn ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1019.6	-	E	2	bc	56	8	6	-	-	-	-	2			
Aberdeen ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1021.3	+1	E	3	bc	51	92	6	1500	Nb	10	-	10			
Malin Head ...	1018.1	0	NE	1	b	54	97	9	-	-	-	Ci	1	-	1016.4	+1	E	3	b	55	97	7	-	-	-	Ci	5			
Benfrew ...	1019.5	+1	ENE	1	c	52	85	7	-	-	-	Ci	7	-	1019.9	0	NE	1	bc	55	85	4	2500	Sc	5	-	5			
Leish (Inchkeith) ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1019.5	-1	SE	2	b	55	85	9	-	Cu	2	Ci	3			
Esksdalemuir ...	1020.3	0	N	1	bc	47	92	8	4000	Sr	2	-	2	-	1020.0	0	NNE	2	b	53	85	6	4000	Cu	3	-	3			
Tynemouth ...	1020.4	0	E	2	b	56	85	7	-	-	-	ASr	3	-	1020.1	0	SE	1	c	57	85	7	-	-	-	ACu	7			
Blackod Point ...	1014.1	0	-	0	b	63	85	7	-	-	-	0	0	-	1013.4	+1	-	0	b	66	85	6	-	-	-	ACu	3			
Donsghades ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1018.4	0	E	1	b	58	85	8	-	-	-	0	5			
Birr Castle ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1015.9	-	ENE	1	bc	62	7	-	-	-	-	Ci	0			
Baldonnel ...	1018.0	-1	ESE	2	b	55	92	8	-	-	-	0	0	-	1016.9	0	E	3	b	62	75	8	-	-	-	0	2			
Holyhead ...	1017.8	0	NE	1	b	-	-	8	-	-	-	0	0	-	1016.8	-1	ESE	4	b	63	85	9	-	-	-	Ci	0			
Liverpool (Bidston) ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1017.8	0	E	2	b	60	75	2	-	-	-	0	0			
Manchester (Alex. Ph.) ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1019.0	0	E	3	b	61	75	5	-	-	-	0	0			
Howden ...	1019.5	0	-	0	fo	55	97	3	1500	Sr	10	-	10	-	1019.5	0	ENE	2	0	58	92	6	1500	Sc	10	-	10			
Spurn Head ...	1019.8	0	ENE	2	0	57	92	7	5750	Sc	9	-	9	-	1020.5	+1	E	3	c	66	85	7	5750	Sc	8	-	8			
Nottingham ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1018.9	-	ENE	2	0	58	97	4	4000	Nb	10	-	10			
Cranwell ...	1019.3	+1	NE	3	bc	58	97	5	-	-	-	0	0	-	1019.4	+1	ENE	2	bc	59	92	8	450	Sc	10	-	10			
Gorleston ...	1019.4	0	ESE	3	b	57	85	8	-	-	-	0	0	-	1019.4	0	SE	3	b	61	75	8	5750	Cu	1	ACu	0			
Pulham ...	1018.3	0	-	0	b	51	97	8	-	-	-	0	0	-	1019.1	+1	ESE	2	b	61	85	8	-	-	-	0	1			
Felixstowe ...	1018.9	0	ENE	2	b	62	85	8	-	-	-	Ci	2	-	1019.0	0	ENE	3	b	62	92	8	-	-	-	ASr	0			
Valencia (Cahirciveen) ...	1016.3	0	-	0	bc	68	-	4	-	-	-	-	-	-	1012.8	-1	ESE	3	c	72	45	7	4000	Cu	5	Ci	8			
Roches Point ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1015.5	-2	E	3	0	65	65	8	4000	Sc	8	ACu	6			
Pembroke (St. Ann's H.) ...	1016.6	-1	ENE	3	b	65	75	8	-	-	-	0	0	-	1016.2	0	E	3	bc	68	75	8	-	-	-	0	0			
Ross-on-Wye ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1017.7	+1	ENE	3	b	63	75	6	-	-	-	0	0			
Benton ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1016.9	+1	-	0	b	67	75	6	-	-	-	0	0			
S. Marnborough ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1017.3	+1	E	2	b	65	75	6	-	-	-	0	0			
London (Kew Obs.) ...	1017.4	-2	-	-	64	-	-	-	-	-	-	-	-	-	1017.6	+1	E	3	b	67	65	6	-	-	-	0	0			
Croydon ...	1017.6	-2	-	0	b	59	75	8	-	-	-	0	0	-	1018.3	0	NNE	1	b	64	75	6	-	-	-	0	0			
Clacton-on-Sea ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1018.4	0	E	3	b	63	85	7	5750	Cu	8	-	8			
Shoeburyness ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1018.5	0	ESE	2	b	65	85	7	4000	Cu	2	-	2			
Grain ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1017.9	0	ESE	3	b	64	85	7	-	-	-	0	0			
Lympne ...	1017.1	0	NE	3	b	61	85	6	-	-	-	0	0	-	1017.6	+1	ESE	2	b	62	85	7	-	-	-	0	4			
Scilly (St. Mary's) ...	1014.3	-1	E	2	b	65	85	8	5750	Sc	2	-	2	-	1017.7	-2	ESE	4	c	66	97	7	5750	Sc	8	-	8			
Falmouth ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1014.2	0	ENE	2	bc	68	65	6	-	-	-	ACu	0			
Plymouth ...	1016.5	0	E	1	b	62	85	7	-	-	-	0	0	-	1015.2	-1	E	3	b	70	55	8	-	-	-	0	0			
Portland Bill ...	1017.2	0	ENE	3	b	68	65	7	-	-	-	0	0	-	1017.2	0	NE	3	b	68	65	7	-	-	-	0	7			
Calshot ...	1017.0	-1	NESE	2	bc	63	92	7	-	-	-	0	0	-	1016.8	0	ESE	3	c	68	75	8	-	-	-	0	0			
Dungeness ...	1017.3	0	ESE	3	b	62	92	8	-	-	-	0	0	-	1017.5	0	E	3	b	65	85	7	-	-	-	0	A			
Jersey (Guernsey Is.) ...	1016.1	+1	NE	3	b	67	75	8	-	-	-	0	0	-	1014.2	0	E	2	bc	72	65	8	-	-	-	0	0			

### WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR *Tuesday 12<sup>th</sup>*

WEATHER, TEMPERATURE, RAINFALL, & SUNSHINE.																			
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.	
		Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night 12h-3h.	Day 3h-12h.	Sunrise to 17h.	Sunrise to Sunset.			Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night 12h-3h.	Day 3h-12h.	Sunrise to 17h.	Sunrise to Sunset.
						mm.	mm.	hr.	hr.							mm.	mm.	hr.	hr.
Banff ...	...	o.c	c.o	60	54	-	-	3.1	7.8	Paignton ...	...	6	6	81	57	-	-	12.2	14.7
Montrose ...	...	c	c	60	53	-	-	0.2	7.4	Ilfracombe ...	...	6	6	75	59	-	-	11.9	14.7
Islandmagee ...	...	6	6	70	52	-	-	11.5	14.0	Bude ...	...	6	6	84	50	-	-	12.2	13.6
Colwyn Bay ...	...	6	6	69	55	-	-	11.7	14.4	Fenizance ...	...	6	6	78	61	-	-	11.9	14.9
Rhyl ...	...	6	6	71	51	-	-	11.4	14.4	Torquay ...	...	6	6	81	61	-	-	12.1	14.5
Southport ...	...	6	6c	71	52	-	-	11.7	14.5	Weymouth ...	...	6	6	87	63	-	-	11.5	14.5
Blackpool ...	...	6	6	71	54	-	-	11.0	13.5	Bournemouth ...	...	6	6	88	61	-	-	12.0	14.1
Harrogate ...	...	6	6	79	49	-	-	8.6	12.1	Portsmouth (Sithen) ...	...	6	6	86	65	-	-	11.8	15.0
Skagness ...	...	6	6m	68	53	-	-	12.0	13.6	Worthing ...	...	6	6	83	63	-	-	12.4	14.2
Aberystwyth ...	...	c.b	6	74	57	-	-	12.0	12.0	Brighton ...	...	6	6	84	64	-	-	12.1	14.3
Bath ...	...	6	6	87	55	-	-	11.3	12.1	Eastbourne ...	...	6	6	75	63	-	-	11.8	14.3
Leamington Spa ...	...	6	6	84	53	-	-	11.9	14.2	Hastings ...	...	6	6	80	61	-	-	11.9	14.3
Lowestoft ...	...	6	6	84	53	-	-	11.9	14.2	Folkestone ...	...	6	6	78	60	-	-	11.6	14.2
Felixstowe ...	...	6	6	84	53	-	-	11.9	14.2	Tunbridge Wells ...	...	6	6	84	58	-	-	11.2	14.0
Southend ...	...	6	6	84	53	-	-	11.9	14.2	Ramsgate ...	...	6	6	69	59	-	-	9.3	14.3
										Margate ...	...	6	6	68	60	-	-	10.5	
										Deal ...	...	6	6	73	56	-	-		



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BRITISH SECTION.

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BRITISH COLLECTION.

NO. D.

1921.

Page 1.

STATIONS.		Observations at 1300 G.M.T.		Observations at 1800 G.M.T.																					
		Barom. at M.S.L.	Change in 3 hours.	Wind.	Weather.	Temp.	Humidity.	Visibility.	Height of Low Cloud.	Cloud.		Barom. at M.S.L.	Change in 3 hours.	Wind.	Weather.	Temp.	Humidity.	Visibility.	Height of Low Cloud.	Cloud.					
		m.b.		Dir.	Force	°F.	%	0-9	Feet	Form.	Amt.	0-10		Dir.	Force	°F.	%	0-9	Feet	Form.	Amt.	0-10			
				0-12																					
Lerwick	1012.5	+1	NE	2	c-	51	75	8	-	-	-	-	-	1021.9	0	NE	2	c+	48	85	8	-	-	-	
Stornoway	1020.0	0	ENE	5	b-	59	85	8	5750	cu	1	cu	2	1019.5	-2	ENE	5	b	59	85	8	-	-	-	
Wick	1014.6	0	E	2	c	52	85	8	5750	cu	3	ast	7	1020.9	-1	E	2	c	52	92	8	800	st	8	
Castlebay	1018.0	0	E	4	b	63	65	8	-	st	cu	1	-	1016.1	-2	ENE	4	b	64	65	8	-	-	-	
Nairn	1012.0	0	SE/E	2	o/y	57	75	8	2500	st	10	-	10	1018.2	-	ENE	4	b	58	-	-	-	-	-	
Aberdeen	1022.0	0	SE/E	2	o/y	57	75	8	2500	st	10	-	10	1021.4	-1	SE	2	o	53	75	8	2500	st	10	
Malin Head	1015.0	-1	E	3	b	62	97	6	-	-	-	-	-	1013.5	-1	E	3	b	62	97	7	-	-	-	
Renfrew	1013.3	-1	ENE	3	fb	69	55	5	2500	st	cu	3	-	1017.3	-1	ENE	3	b	67	65	7	-	-	-	
Leith (Inchkeith)	1019.2	-1	ESE	3	b	64	75	9	-	cu	2	A.Cu	4	1018.0	-1	ESE	4	b	61	85	9	-	-	-	
Edinburgh	1013.2	-1	E	2	b	68	55	8	4000	cu	2	-	2	1017.1	+1	ESE	4	b	65	65	6	-	-	-	
Tynemouth	1020.3	0	SE	3	bc	62	75	7	4000	cu	2	A.Cu	4	1020.2	0	SSE	3	c+	59	75	8	-	-	-	
Blackad Point	1013.2	-2	NNE	2	fo	72	65	4	450	st	10	-	10	1010.9	-4	ESE	1	fb	72	75	5	-	-	-	
Donaghadee	1017.8	-1	E	1	b	65	75	8	-	-	0	-	0	1015.7	-1	SSE	1	b	66	65	8	-	-	-	
Birr Castle	1013.6	-	SE	1	c+	79	65	6	4000	st	cu	8	-	1012.0	-	SE	1	c	77	65	7	4000	st	5	
Baldonnell	1015.1	-2	E/N	4	bc+	76	45	8	5750	-	1	cu	4	1014.3	-2	E/N	3	o	68	65	4	800	st	6	
Holyhead	1015.5	-2	ENE	5	b	76	55	8	-	-	0	cu	3	1013.8	-2	NE	3	ffo	71	75	6	-	-	-	
Liverpool (Bidston)	1015.9	-3	ESE	2	b	76	45	6	5750	st	cu	2	cu	3	1014.3	-2	ESE	2	b	80	55	7	-	-	-
Manchester (Alex. Pk.)	1017.4	-2	ESE	4	bc+	76	45	6	4000	st	cu	1	cu	4	1015.6	-2	E	4	b	73	55	6	-	-	-
Howden	1015.9	-2	ENE	4	o-	68	75	7	2500	st	cu	9	-	1013.8	0	ENE	4	b	63	75	8	4000	cu	1	
Spurn Head	1020.9	0	E	4	b	65	85	8	800	cu	2	-	2	1020.3	0	E	4	b	60	75	8	-	-	-	
Nottingham	1017.3	-	E	2	c-	80	45	6	4000	cu	1	cu	6	1016.8	-	NE	3	b	68	65	6	-	-	-	
Cranwell	1018.5	-2	E	3	c+	74	55	8	4000	cu	7	-	7	1018.0	0	ENE	4	b	65	65	8	4000	cu	1	
Gorleston	1019.5	0	ESE	4	b	63	75	8	5750	cu	2	-	2	1018.9	-1	E/S	4	b	60	75	8	-	-	-	
Pulham	1018.5	-1	ESE	3	bc+	72	65	8	4000	cu	6	-	6	1018.2	0	E	3	b	64	75	9	-	-	-	
Felixstowe	1019.2	-1	ENE	3	b	65	75	8	-	-	0	cu	3	1018.3	-	NE/E	4	b	61	85	8	-	-	-	
Valencia (Cahirciveen)	1010.5	-2	E	5	c-	74	45	8	7200	st	cu	5	A.Cu	8	1009.2	-2	S/E	5	c	73	65	7	7200	st	2
Roches Point	1013.7	-2	E	4	o	70	75	7	800	cu	10	-	10	1012.2	-2	E	4	c	72	75	6	-	-	-	
Pembroke (St. Ann's H.)	1014.8	-1	SE	3	o	70	85	8	1500	st	9	-	9	1013.2	-1	SE	3	c	73	65	8	-	-	-	
Ross-on-Wye	1015.3	-3	NE	3	b	84	45	7	-	-	0	-	0	1013.1	-3	E	2	bc+	84	45	8	4000	st	1	
Benson	1015.3	-4	ESE	1	b	86	45	8	-	-	0	-	0	1013.8	-2	E	4	b	78	45	7	-	-	-	
S. Farnborough	1015.4	-3	E	3	b	86	35	8	-	-	0	-	0	1015.7	-1	ENE	5	b+	76	45	6	7200	st	1	
London (Kew Obs.)	1016.2	-2	NE	4	b	80	55	8	-	-	0	-	0	1016.0	0	E	4	b	73	45	7	-	-	-	
Croydon	1016.5	-2	ENE	4	b	81	45	8	-	-	0	cu	1	1016.5	0	E	4	b	70	55	8	-	-	-	
Clacton-on-Sea	1017.6	0	E	4	b	70	55	7	-	-	0	cu	2	1017.9	-1	ENE	5	bc+	63	85	8	2500	cu	3	
Shoeburyness	1018.2	0	ENE	5	b	68	65	8	-	-	0	cu	1	1017.5	-2	ENE	6	b	62	75	7	-	-	-	
Grain	1017.2	-2	E/N	4	b	73	55	8	-	-	0	cu	1	1017.4	-1	NE/E	5	b	64	85	8	-	-	-	
Lympe	1017.2	-2	E/N	4	b	73	55	8	-	-	0	cu	1	1016.2	-1	ENE	5	b	66	75	8	-	-	-	
Soilly (St. Mary's)	1012.5	0	SE/S	2	b	74	75	8	5700	st	cu	2	-	1012.4	0	-	0	c	67	97	8	5750	st	8	
Falmouth	1014.0	0	SSE	3	ffo	70	75	6	-	-	8	-	8	1012.5	-1	ESE	2	fc	66	85	6	-	-	-	
Plymouth	1013.2	-2	E	5	c	79	45	7	4000	cu	7	-	7	1012.8	0	ESE	4	c+	72	55	8	-	-	-	
Portland Bill	1014.8	-4	NE	5	b+	69	75	8	-	-	0	cu	2	1013.5	-2	NE	5	b	68	85	8	-	-	-	
Calshot	1015.4	-2	SE/E	5	b	74	65	8	-	-	0	-	0	1013.3	-3	ESE	4	bc+	71	75	8	-	-	-	
Dungeness	1015.9	-1	E	4	b	69	75	8	-	-	0	-	0	1015.3	-2	E	5	b	64	85	7	-	-	-	
Jersey	1013.2	0	SE	2	b	80	55	8	-	-	0	cu	3	1013.2	0	NW	2	b	70	75	8	-	-	-	
LONDON OBSERVATIONS.		WEATHER.		TEMPERATURE.		RAIN.	SHINE.	HUMIDITY.		ATMOSPHERIC POLLUTION.		SOLAR RADIATION.		POLE STAR RECORD at Greenwich Obsy.											
		Morn- ing.	After- noon.	Night.	Max. °F.	Min. °F.	Min. on Grass. °F.	15h. G.M.T.	9h. G.M.T.	Lbs. of Solid impurity per million cubic yards.		Vertical component per square centimetre.		Exposure from 13h. 21h. 30m. to 14h. 2h. 30m.											
Kew	24 hours ended 9700	24 HOURS ENDED 9900 G.M.T.		YESTERDAY.				TO-DAY.		24 Hrs. ended 1800 G.M.T.		During yesterday.													
Croydon																									
Greenwich (Royal Obsy.)																									
City (Benhill Row)																									
Westminster (St. James' Pk.)																									
Regents Pk. (Botanical Gdns.)																									
Canalen Sq. (Brit. Rainfall)																									
Kensington Palace																									
Rampstead Observatory																									
TAMING SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.																									
STATIONS.																									

Information for these columns not usually received.

1 The barometric change is expressed in half millibars.

† For conc see page 3.

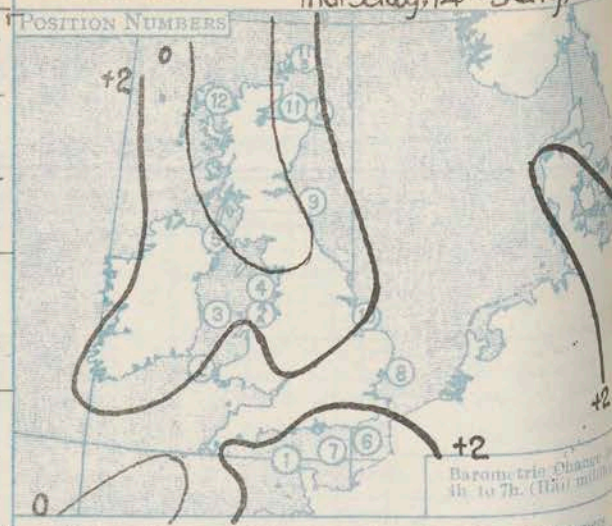


## SUMMARIES FOR THE PAST 24 HOURS.

BAROLOGRAPH

Thursday, 14<sup>th</sup> July,

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN. Hours.
	7h.-13h.	13h.-18h.	18h. to 14h.	14h.-7h.	MAX. Day.	MIN. Night.	MIN. on GRASS.	Day.	Night.	Precipitation began.	
Lerwick	00	00	00	00	46	46					14.9
Stornoway	00	00	00	00	46	46					
Wick	00	00	00	00	52	50					14.2
Castlebay	00	00	00	00	65	57					9.8
Nairn	00	00	00	00	63	47					0.0
Aberdeen	00	00	00	00	57	53	54	0.1			
Malin Head	00	00	00	00	72	51	47				14.0
Renfrew	00	00	00	00	64	53	45				
Leith (INCHKEITH)	00	00	00	00	71	46	44				11.6
Esksdalemuir	00	00	00	00	62	53					
Tynemouth	00	00	00	00	76	61					
Blacksod Point	00	00	00	00	67	55					
Donaghadee	00	00	00	00	81	56	50	Trace	Trace	1530	4.0
Birr Castle	00	00	00	00	77	57	50			12.00	7.9
Baldonnell	00	00	00	00	77	62	59			130	10.9
Holyhead	00	00	00	00	80	56	55				12.4
Liverpool (Bidston)	00	00	00	00	83	59	54				
Manchester (Alex.Pk.)	00	00	00	00	69	49	45				6.8
Howden	00	00	00	00	66	55					
Spurn Head	00	00	00	00	80	53	50				9.5
Nottingham	00	00	00	00	74	52	49				11.8
Cratwell	00	00	00	00	64	57	52				13.0
Gorleston	00	00	00	00	71	51	46				13.6
Pulham	00	00	00	00	67	58					13.4
Felixstowe	00	00	00	00	82	64	58	0.1		1230	4.5
Valencia (Cahirciveen)	00	00	00	00	77	65		Trace		1330	
Reches Point	00	00	00	00	78	66					5.7
Pembroke (St. Ann's H.)	00	00	00	00	86	56	50				11.5
Ross-on-Wye	00	00	00	00	88	57	49				13.4
Benson	00	00	00	00	87	57	51				13.1
S. Farnborough	00	00	00	00	81	60	58				
London (Kent Obs.)	00	00	00	00	82	57	54				
Croydon	00	00	00	00	68	56	53				13.7
Clacton-on-Sea	00	00	00	00	73	58	55				13.6
Shoeburyness	00	00	00	00	70	60	54				12.9
Grain	00	00	00	00	75	57	54				13.8
Lymington	00	00	00	00	74	61					3.8
Scilly (St. Mary's)	00	00	00	00	75	61	55				4.6
Falmouth	00	00	00	00	82	60	55	0.1		1100	9.4
Plymouth	00	00	00	00	72	60					
Portland Bill	00	00	00	00	74	63	62				13.5
Calshot	00	00	00	00	70	59					12.5
Dungeness	00	00	00	00	85	59					
Jersey	00	00	00	00							



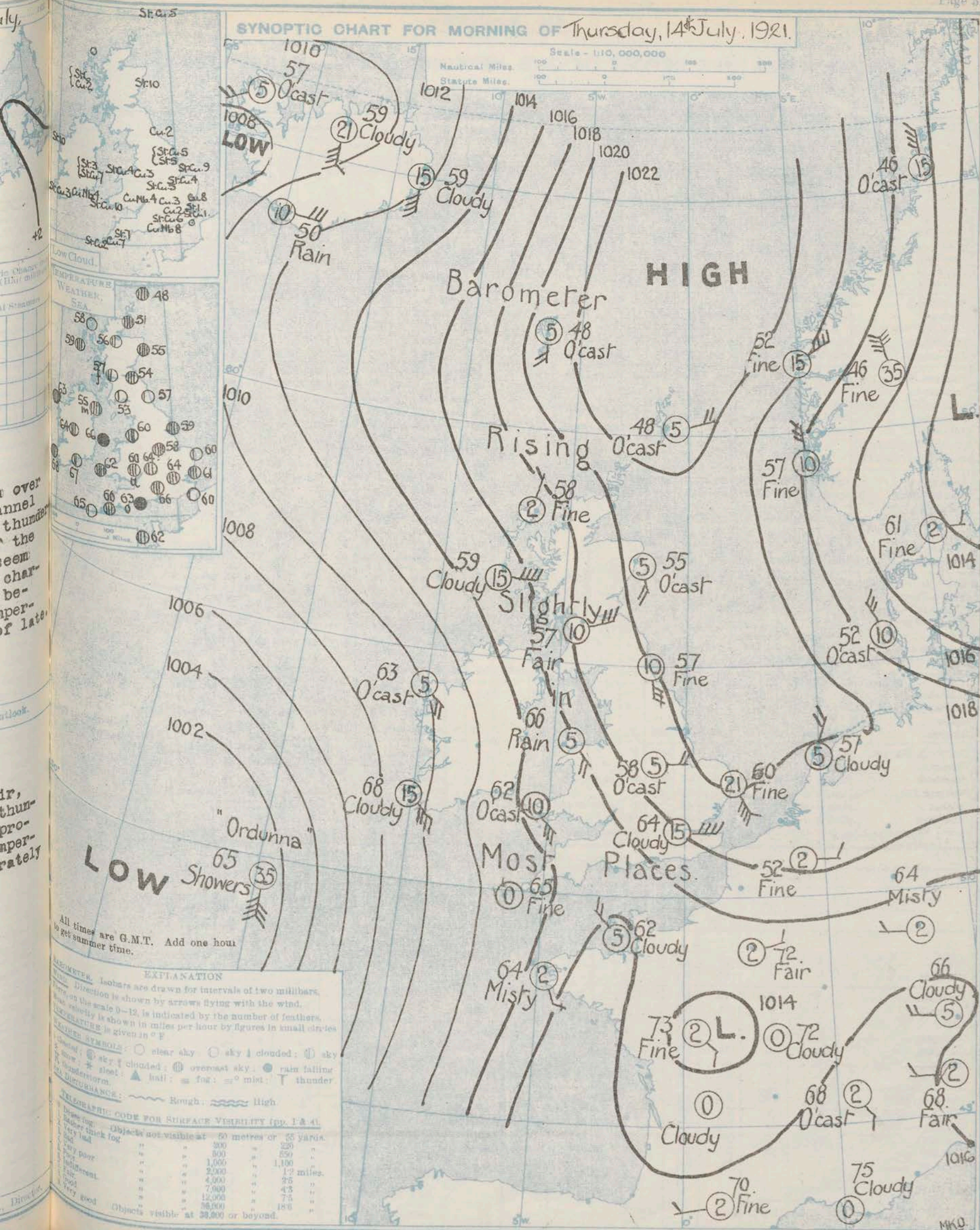
Position Number	3
Date	14
Time G.M.T.	10.15
Sea ° F	55
Air ° F	60

## GENERAL INFERENCE.

A secondary depression over France and the English Channel region is likely to cause thunderstorms in several parts of the Kingdom, but it does not seem probable that the general character of the weather will become dull and rainy. Temperature will be lower than of late.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 14th July, 1921.	Further Outlook.
1. S.E. England	Wind between East and South-East, light or moderate, stronger at times locally; rather variable sky, thunderstorms locally. Visibility fair or good. Temperature appreciably lower than of late generally.	Mainly fair, but local thunderstorms probable; temperature moderately high.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales		
7. North Wales		
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. E. Scotland	Wind South-East or South, light or moderate; fair to cloudy, perhaps local thunderstorms; visibility fair or good. Cooler than of late.	
12. S.W. Scotland		
13. Isle of Man		
14. N. & N.W. Scotland		
15. Hebrides	Light East or South-East winds; fair; visibility good; moderate temperature.	
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.

Thursday 14<sup>th</sup> July

1921.

No. 195.

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.	Humidity.	Visibility.	Height of Low Cloud.	Cloud.			Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp.	Humidity.	Visibility.	Height of Low Cloud.	Cloud.					
			Direc.	Force						Form.	Amt.	Total Amt.			Direc.	Force						Form.	Amt.	Total Amt.			
																									0-12	0-10	0-10
Lerwick	1021.9	0	ENE	2	0	52	85	7	7250	Str.	10	-	10	1022.4	+2	ENE	2	0	48	75	8	-	Str.	6	ast	9	
Stornoway	1018.4	0	-	0	6	4	8	6	4	*	*	*	*	1017.7	0	NNE	1	6	58	85	9	-	-	-	ast	10	
Wick	1019.8	-1	E	2	0	51	92	9	800	Str.	10	-	10	1019.8	0	E	4	0	51	92	8	-	-	-	ast	8	
Castlebay	...	...	...	...	...	...	...	...	...	...	...	...	...	1015.8	0	E	4	C	59	85	5	7250	Str.	6	ast	8	
Nairn	...	...	...	...	...	...	...	...	...	...	...	...	...	1018.4	...	...	0	bcm	56	...	...	...	...	...	...	10	
Aberdeen	...	...	...	...	...	...	...	...	...	...	...	...	...	1020.7	+1	SSE	2	0	55	75	8	1500	Str.	10	-	10	
Malin Head	1013.8	0	SE	3	Co-	53	97	6	4000	Scu	8	-	8	1013.5	0	ESE	3	bc-	58	97	6	-	-	-	ast	4	
Renfrew	1018.5	0	NE	3	bc	52	85	5	-	-	-	-	ast	6	1018.8	0	ENE	3	bc-	57	75	5	-	-	-	ast	8
Leith (WICKHEAD)	...	...	...	...	...	...	...	...	...	...	...	...	...	1018.6	0	SE	2	C+	54	85	9	-	-	-	ast	4	
Eskdalemuir	1019.9	+1	NSE	3	b	47	92	7	-	-	-	-	0	1018.6	0	NNE	3	bc+	53	75	8	-	-	-	ast	4	
Tynemouth	1020.3	0	S	1	b	55	85	8	4000	cu	2	-	2	1019.5	0	S	3	bc-	57	85	8	4000	cu	2	-	4	
Blacksod Point	1009.9	-2	E	2	0	68	75	4	450	Str.	10	-	10	1009.7	+3	SE	2	0	63	85	6	450	Str.	10	-	10	
Donaghadee	...	...	...	...	...	...	...	...	...	...	...	...	...	1015.8	+1	E	2	0	58	85	8	7250	-	-	-	ast	9
Birr Castle	...	...	...	...	...	...	...	...	...	...	...	...	...	1011.6	...	SE	1	C	64	92	6	-	-	-	ast	7	
Baldonell	1013.6	0	ENE	2	K	60	92	4	800	Str.	10	-	10	1013.7	+1	EIS	1	bc	63	85	6	800	Str.	10	-	10	
Holyhead	1013.8	+1	-	0	off	*	*	8	2500	Str.	10	-	10	1014.5	+2	SE	2	0	66	92	7	5750	Str.	4	ast	10	
Liverpool (Bidston)	...	...	...	...	...	...	...	...	...	...	...	...	...	1014.2	0	SE	4	C	60	65	6	1500	cu	3	ast	7	
Manchester (Alex.Pk.)	...	...	...	...	...	...	...	...	...	...	...	...	...	1018.0	+1	ESE	5	0	60	65	9	5750	Str.	4	ast	10	
Howden	1019.9	H	ENE	2	bc+	51	97	7	4000	Str.	3	-	ast	5	1020.0	+2	E	3	0	58	85	7	1500	Str.	10	-	10
Spurn Head	1020.4	0	E	4	b	58	75	9	1500	Str.	2	-	2	1021.1	+1	ESE	4	0	59	75	8	1500	Str.	9	-	9	
Nottingham	...	...	...	...	...	...	...	...	...	...	...	...	...	1018.6	...	E	2	0	58	85	6	2500	Str.	5	ast	9	
Cranwell	1019.7	0	ENE	3	b	54	75	8	-	-	-	-	0	1019.6	+2	EIS	4	0	58	75	9	2500	Str.	4	ast	3	
Gorleston	1020.1	+1	SSE	5	b	58	85	9	-	-	-	-	0	1020.0	0	SSE	5	b+	59	75	9	-	-	-	ast	5	
Pulham	1018.7	-1	-	0	b	53	92	7	-	-	-	-	0	1019.3	+1	EIS	3	bc+	60	85	8	4000	Str.	5	-	8	
Felixstowe	1019.5	0	ENE	4	b	58	85	8	-	-	-	-	0	1019.6	+2	EIS	4	bc+	60	85	8	1500	cu	8	-	8	
Valencia (Cahirciveen)	1009.9	+2	SE	3	C+	67	...	4	-	Str.	8	-	8	1009.6	+1	SE	4	bc	68	75	8	4000	Str.	3	ast	6	
Roches Point	...	...	...	...	...	...	...	...	...	...	...	...	...	1012.6	+1	SE	2	C	67	85	8	1500	cu	4	-	10	
Pembroke (St. Ann's H.)	1013.2	+1	SE	2	C	61	92	8	-	?	?	-	8	1014.6	+2	SE	3	0	62	85	8	5750	Str.	10	-	8	
Ross-on-Wye	...	...	...	...	...	...	...	...	...	...	...	...	...	1016.6	+2	EIN	3	cu	60	75	8	4000	cu	4	ast	7	
Benson	...	...	...	...	...	...	...	...	...	...	...	...	...	1016.7	+1	SE	2	C	64	85	7	-	cu	3	ast	7	
S. Farnborough	...	...	...	...	...	...	...	...	...	...	...	...	...	1017.0	+2	ESE	3	C	66	65	8	5750	Str.	6	ast	7	
London (Kew Obs.)	1017.0	0	...	...	...	61	...	...	...	...	...	...	...	1017.6	+3	E	4	C	64	75	8	5750	cu	2	-	3	
Croydon	1017.0	0	E	4	bc	58	85	7	-	-	-	-	ast	4	1017.8	+2	EIS	4	b	64	65	8	-	-	-	ast	4
Clacton-on-Sea	...	...	...	...	...	...	...	...	...	...	...	...	...	1018.5	+2	ESE	4	C+	61	85	8	1500	Str.	4	-	4	
Shoeburyness	...	...	...	...	...	...	...	...	...	...	...	...	...	1018.6	+1	SE	3	bc	63	75	8	4000	cu	1	-	1	
Grain	...	...	...	...	...	...	...	...	...	...	...	...	...	1018.5	+1	EIS	4	b	63	85	8	4000	Str.	1	-	1	
Lympe	1016.6	-1	NE	6	b	59	85	7	-	-	-	-	0	1016.0	+2	E	5	b-	60	85	8	-	-	-	ast	3	
Seilly (St. Mary's)	1013.1	0	S	1	b	63	97	8	-	-	-	-	0	1013.4	0	-	0	b	65	92	8	4000	Str.	2	-	2	
Falmouth	...	...	...	...	...	...	...	...	...	...	...	...	...	1013.9	+2	SSW	3	C	66	85	7	-	cu	7	-	7	
Plymouth	1014.3	+1	SE	2	b	61	92	8	-	-	-	-	0	1015.1	+1	ENE	1	0	64	85	8	800	Str.	7	ast	5	
Portland Bill	1014.5	0	E	4	bc+	68	85	8	-	-	-	-	Cu	4	1014.5	0	W	4	bc	63	75	8	4000	Str.	5	ast	10
Calshot	1014.9	+1	E	4	bc+	65	75	8	4000	Str.	6	-	6	1016.2	+3	EIS	5	cu	65	85	8	4000	cu	8	ast	0	
Dungeness	1015.8	0	E	5	b	62	97	9	-	-	-	-	0	1017.4	+1	ESE	4	b	62	85	9	-	-	-	ast	6	
Jersey (Guernsey Ih.)	1014.8	+2	WNW	2	ffo	67	97	4	450	Str.	10	-	10	1016.6	+1	NW	2	bcfr	62	97	7	4000	-	-	-	ast	6

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Wed 13 July													Sun 14 July																																																																																																																																																																																																																																																																																																																																																																																																																																																													
STATIONS.	WEATHER.		TEMPERATURE		RAINFALL†		SUNSHINE		Sunrise to Sunset.	Sunrise to Sunset.	Sunrise to Sunset.	Sunrise to Sunset.	STATIONS.	WEATHER.		TEMPERATURE		RAINFALL†		SUNSHINE		Sunrise to Sunset.	Sunrise to Sunset.	Sunrise to Sunset.																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	Forenoon.	Afternoon.	Max. Day.	Min. Night.	Night 12-13.	Day 13-14.	Sunrise 13-14.	Sunset 14-15.						Forenoon.	Afternoon.	Max. Day.	Min. Night.	Night 12-13.	Day 13-14.	Sunrise 13-14.	Sunset 14-15.																																																																																																																																																																																																																																																																																																																																																																																																																																																					





## AIR MINISTRY.

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

BRITISH SECTION.

No. B.21735

FRIDAY, 15th JULY, 1921.

Page 1.

STATIONS.	Observations at 1300 G.M.T.													Observations at 1800 G.M.T.													
	Barom. at M.S.L.	Change in 3 Hours	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.			Sea.	Barom. at M.S.L.	Change in 3 Hours	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.			Sea.	
			Direc.	Force						Form.	Amt.	Form.				Amt.	Form.						Amt.	Form.	Amt.		
																											0-12
Lerwick	1021.9	+1	ENE	2	bc	51	75	8	-	Cu	4	C.St	6	1022.4	0	ENE	2	b	51	85	8	-	Cu	2	-	2	1
Stornoway	1018.0	0	ENE	2	b	61	65	9	-	-	0	-	0	1017.2	0	ENE	2	b	63	75	9	-	-	0	-	0	1
Wick	1020.5	+1	ESE	4	b	53	92	8	4000	Cu	3	-	3	1020.0	-1	ESE	4	b	52	92	8	-	-	0	Cu	3	3
Castlebay	1016.8	0	E	4	ffbc	66	75	6	-	-	0	A.St	6	1016.1	0	E	2	ffbc	65	75	4	-	St.Cu	7	-	7	2
Nairn	1016.2	+1	SSE	4	0	59	75	8	4000	St.Cu	10	-	10	1016.0	0	ENE	3	bc	64	-	-	-	-	-	-	-	-
Aberdeen	1016.2	+1	SSE	4	0	59	75	8	4000	St.Cu	10	-	10	1016.2	-1	SSE	2	0	56	75	8	2500	St	10	-	10	0
Malin Head	1015.5	0	ESE	2	co+	62	97	6	-	-	-	C.St	8	1013.2	-4	ESE	3	co-	59	97	6	-	-	-	C.St	7	1
Renfrew	1017.8	-1	NE	1	fb	69	55	5	-	-	0	C	6	1017.3	0	ENE	4	o+	65	65	6	2500	St.Cu	10	-	10	0
Leith (INCHKEITH)	1018.2	-1	SE	3	c	65	75	9	-	-	0	C.St	8	1017.7	-1	SE	3	b	62	85	9	-	St.Cu	1	C	3	3
Edinburgh	1017.6	0	SE	2	0	68	55	7	-	-	0	C.St	10	1017.4	0	NE	1	o/r	61	75	6	2500	St	10	-	10	0
Tynemouth	1020.0	0	SE	4	bc	60	75	8	-	-	0	C.St	4	1019.7	0	SSE	4	bc	57	85	8	-	-	0	A.Cu	4	3
Blacksod Point	1011.2	+1	SE	1	c	72	65	5	2500	St	8	-	8	1009.8	-2	N	1	c	70	75	6	2500	St	8	-	8	0
Donaghadee	1016.6	+1	SE	2	o/r	58	92	8	-	-	0	A.St	10	1016.4	-2	SE	2	b	60	85	8	-	-	0	A.Cu	2	0
Birr Castle	1012.2	0	SE	1	c	77	75	7	-	St.Cu	8	-	8	1011.7	-1	SE	2	c	74	75	7	2500	Cu	8	A.Cu	3	4
Baldonnell	1014.2	0	ENE	4	bc	72	65	6	7500	St.Cu	5	A.Cu	6	1013.5	-1	SSE	3	bc	71	65	8	4000	Cu	4	-	4	0
Holyhead	1015.4	+1	NNW	2	b	70	75	8	800	Nb	10	-	10	1015.3	0	N	2	o	69	85	8	4000	St.Cu	10	-	10	0
Liverpool (Bidston)	1016.2	-1	SE	1	o/r	64	85	4	800	Nb	10	-	10	1015.4	-1	SE/S	2	o/r	71	65	6	2500	St.Cu	10	-	10	4
Manchester (Alex Pk.)	1016.9	-1	ESE	4	0	73	45	8	4000	St	5	A.St	10	1016.3	-2	SSE	3	0	76	45	7	4000	St.Cu	9	-	9	0
Howden	1019.0	-2	EIN	4	c	69	75	9	4000	Cu	3	A.Cu	8	1018.9	0	ENE	4	o+	61	85	7	4000	St.Cu	8	A.St	10	0
Spurn Head	1011.2	0	SE	4	bc	64	75	9	-	-	0	Cu	4	1010.2	-1	ESE	5	bc	59	85	8	2500	St	3	A.Cu	5	2
Nottingham	1017.7	0	E	3	c	73	55	6	2500	St	3	C.St	8	1017.4	0	E	2	o/r	70	65	6	2500	Nb	7	C.St	2	0
Cranwell	1018.6	-2	ENE	4	c	71	55	8	7200	St	3	C.St	8	1018.0	0	ENE	3	o+	65	65	7	2500	St	10	-	10	0
Gorleston	1010.5	0	SSE	3	bc+	62	65	9	-	-	0	A.Cu	5	1008.3	0	SE	3	b	60	75	9	-	-	0	Cu	1	0
Pulham	1019.8	-1	ESE	2	b	69	65	9	5750	Cu	1	C	2	1019.6	0	E	2	c+	62	75	9	4000	St.Cu	8	-	8	0
Felixstowe	1020.3	0	ENE	3	c	63	65	8	-	-	0	C	7	1019.7	-1	NE	4	o+	60	75	8	5750	St.Cu	3	A.Cu	9	3
Valencia (Cahirciveen)	1010.6	0	SE	5	o+	69	65	8	2500	St.Cu	6	A.St	10	1010.0	-1	SSE	4	c	70	75	8	2500	St.Cu	5	A.Cu	7	0
Roche Point	1013.6	+1	SSE	4	c	71	75	8	1500	Cu.Nb	3	C.St	7	1012.8	-1	SSE	4	o/r	66	92	6	800	Nb	10	-	10	3
Pembroke (St. Ann's H.)	1015.7	+1	SE	3	b	67	85	8	5750	Cu	3	-	3	1015.5	0	SSE	1	b	65	85	8	5750	Cu	1	C	2	3
Ross-on-Wye	1016.8	+1	ESE	2	o/r	69	75	7	2500	Nb	7	A.Cu	10	1015.8	-1	SSE	1	bc+	75	55	7	4000	Cu	2	A.Cu	4	0
Benson	1016.6	0	SE	3	o/r	75	45	7	-	Cu.Nb	10	-	10	1016.9	0	E	3	c	70	65	7	-	Cu	7	-	7	0
S. Farnborough	1017.1	+1	ESE	4	o/r	74	55	8	4000	Nb	8	A.St	10	1017.4	0	E	3	o	69	65	8	4000	St.Cu	9	-	9	0
London	1017.6	0	E	4	o+	74	45	8	4000	St.Cu	5	A.St	10	1017.9	0	ENE	4	o/r	65	65	6	2500	Nb	5	A.Cu	5	0
Croydon	1017.6	0	ENE	3	o+	74	55	8	5750	St.Cu	7	A.St	10	1018.0	0	ENE	3	o/r	64	75	8	5750	St.Cu	12	A.St	10	0
Clacton-on-Sea	1019.5	+1	E	5	bc+	65	65	7	-	-	0	A.Cu	6	1019.1	-1	ENE	4	bc+	61	85	8	4000	Cu.Nb	4	A.Cu	6	0
Shoeburyness	1019.1	0	NE/E	5	c+	65	75	8	7200	St.Cu	8	-	8	1019.2	-1	NE	2	c	62	75	6	5750	Cu	3	A.Cu	7	0
Grain	1018.1	-1	EIN	4	c+	70	65	8	5750	St.Cu	4	A.Cu	7	1018.8	-1	ENE	5	o	62	85	8	5750	St.Cu	9	-	9	3
Lymington	1018.1	-1	EIN	4	c+	70	65	8	5750	St.Cu	4	A.Cu	7	1017.8	-1	NE/E	5	bc-	63	85	8	5750	St.Cu	3	A.Cu	6	0
Scilly (St. Mary's)	1014.6	+1	SSE	2	bc	71	85	8	4000	St.Cu	4	-	4	1014.2	0	SSE	2	o	66	92	8	4000	St.Cu	9	-	9	4
Falmouth	1015.3	+1	SSE	3	bc	72	75	7	-	Cu	4	-	4	1015.3	0	SSE	3	b	68	85	7	-	St.Cu	2	Cu	3	0
Plymouth	1016.4	+3	SSW	2	c	65	85	8	2500	St.Cu	8	-	8	1016.2	0	SSW	2	b	62	97	8	2500	St.Cu	2	Cu	3	0
Portland Bill	1016.0	+2	ENE	3	bc/r	65	85	7	-	-	0	A.Cu	5	1016.0	0	ENE	2	b	65	85	7	-	-	0	-	0	3
Calshot	1017.2	+2	ESE	4	c/r	69	75	8	-	-	0	A.St	8	1016.7	-1	SE/E	3	c	69	75	8	7200	St.Cu	5	A.Cu	7	0
Dungeness	1017.9	0	ENE	5	c+	66	75	9	5750	Cu	6	-	6	1017.2	-1	E	5	b	63	85	9	5750	-	0	A.Cu	3	5
Jersey	1017.1	0	NNW	3	b	70	75	7	-	-	0	-	0	1016.0	0	NE	2	b	69	75	8	-	-	0	-	0	0
LONDON OBSERVATIONS.														LONDON OBSERVATIONS.													
WEATHER.														WEATHER.													
TEMPERATURE.														TEMPERATURE.													
RAIN-FALL.														RAIN-FALL.													
SUNSHINE.														SUNSHINE.													
HUMIDITY.														HUMIDITY.													
ATMOSPHERIC POLLUTION.														ATMOSPHERIC POLLUTION.													
SOLAR RADIATION.														SOLAR RADIATION.													
POLAR STAR RECORD at Greenwich Obsy.														POLAR STAR RECORD at Greenwich Obsy.													
24 HOURS ENDED 0900 G.M.T. 15th														24 HOURS ENDED 1800 G.M.T. 15th													
Kew														Kew													
Croydon														Croydon													
Greenwich (Royal Obsy.)														Greenwich (Royal Obsy.)													
City (Banhill Row)														City (Banhill Row)													
Westminster (St. James' Plk.)														Westminster (St. James' Plk.)													
Regents Plk. (Botanical Gdns.)														Regents Plk. (Botanical Gdns.)													
Camden Sq. (Brit. Rainfall)														Camden Sq. (Brit. Rainfall)													
Kensington Palace														Kensington Palace													
Hampstead Observatory														Hampstead Observatory													
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.														TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.													
15th July 1921.														15th July 1921.													
STATIONS.														STATIONS.													
Yarmouth														Yarmouth													
Greenwich														Greenwich													
Wick														Wick													
Valencia														Valencia													
Sunrise.														Sunrise.													
Noon.														Noon.													
Sunset.														Sunset.													
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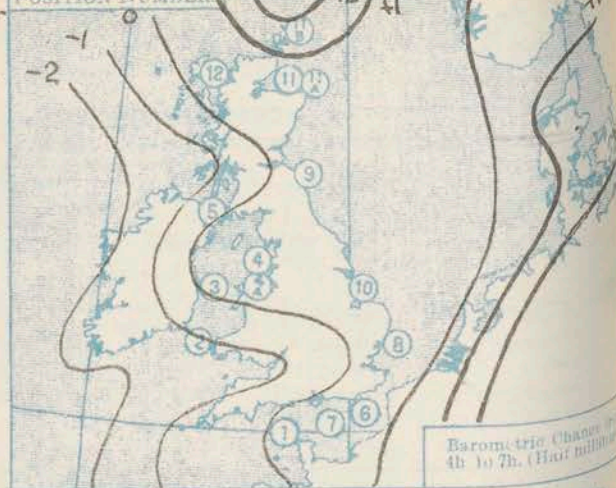
## SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN. Hours.
	7h-13h. 14h.	13h-19h. 14h.	18h-14h. to 1h 15h.	1h-7h. 15h.	MAX. Day. 7h-18h.	MIN. Night. 18h-7h.	MIN. on GRASS.	Day. 7h-18h.	Night. 18h-7h.	Precipitation began.	
Lerwick	oo	borbc	borbc	oo	52	44	.	-	-	-	15.0
Stornoway	borbc	borbc	borbc	c	64	49	.	-	-	-	
Wick	borbc	borbc	borbc	borbc	54	50	.	-	-	-	10.9
Castlebay	omm	cim	omm.	abcm	67	59	.	-	-	-	13.6
Nairn	bcq	bcq	bcnw	oo	68	47	.	-	-	-	1.8
Aberdeen	oo	oo	oo	oo	60	53	29.52	-	-	-	0.1
Malin Head	borbc	borbc	oo	oo	72	55	54	-	-	-	9.0
Renfrew	c	borbc	oo	oo	66	56	50	-	-	-	
Leith (ANCH KEITH)	c	borbc	oo	oo	69	52	50	Trace	2	1530	7.0
Eskdalemuir	oo	borbc	oo	oo	62	54	.	-	0.2	-	
Tynemouth	borbc	borbc	oo	oo	76	62	.	-	0.2	-	
Blacksod Point	c	borbc	borbc	p	62	56	.	3	0.4	0.530	
Donsghadee	omm	borbc	borbc	borbc	79	62	58	-	2	-	9.8
Birr Castle	c	c	c	c	77	58	52	2	-	-	8.4
Baldonnell	omm	borbc	omm	c	74	60	58	-	1	-	6.5
Holyhead	omm	borbc	omm	omm	75	60	55	0.5	-	1330	1.3
Liverpool (Bidston)	omm	borbc	omm	omm	80	61	55	-	-	-	
Manchester (Alex. Pt)	c	oo	oo	oo	70	56	52	-	0.2	2200	10.9.2
Howden	oo	c	p	oo	63	57	.	-	-	-	
Spurn Head	borbc	borbc	c	c	79	56	54	Trace	Trace	1730	5.3
Nottingham	c	c	c	c	72	54	53	-	1	-	6.9
Cranwell	c	c	p	p	63	57	57	-	-	-	13.8
Gorleston	borbc	borbc	omm	omm	68	56	54	-	-	-	10.7
Pulham	borbc	c	oo	oo	65	58	.	-	Trace	-	10.2
Felixstowe	borbc	c	c	p	72	62	58	1	2	1330	6.8
Valencia (Cahiroiveen)	borbc	borbc	omm	omm	72	63	.	0.1	9	1730	9.8
Roches Point	c	oo	ip	ip	68	62	.	-	-	-	
Pembroke (St. Ann's H.)	c	borbc	borbc	borbc	77	56	50	0.1	2	1100.630	2.4
Ross-on-Wye	omm	omm	omm	omm	80	58	48	0.1	-	1330	3.3
Benson	c	c	c	c	77	56	51	Trace	-	1230	5.3
S. Farnborough	c	c	c	c	75	60	57	-	-	1330	
London (Kew, OBS)	omm	omm	omm	omm	79	56	52	Trace	-	1330	
Croydon	omm	omm	omm	omm	65	59	58	-	-	-	7.2
Clacton-on-Sea	c	c	c	c	68	59	56	-	-	-	6.8
Shoeburyness	borbc	c	borbc	borbc	67	61	52	-	-	-	7.8
Grain	borbc	c	borbc	borbc	72	58	54	Trace	-	1530	7.7
Lymington	borbc	c	borbc	borbc	73	61	61	-	2	-	5.8
Scilly (St. Mary's)	borbc	c	c	p	74	63	61	-	-	-	12.9
Falmouth	borbc	c	c	p	70	60	58	-	Trace	-	8.3
Plymouth	c	borbc	p	p	67	59	.	1	0.3	0.530	
Portland Bill	omm	omm	omm	omm	71	61	58	Trace	-	-	2.4
Calshot	omm	c	c	c	67	60	.	Trace	-	1430	8.8
Durgeness	c	c	c	c	76	61	.	-	-	-	
Jersey	b	b	16-8f	bcq							

BALLOBAR

Friday, 15<sup>th</sup> July.

POSITION NUMBERS



Temperature reported from Cross Channel and Coastal Steamers

Position Number	1	2	3	4	5	6	7	8	9	10	11	12
Date	14 <sup>th</sup>											
Time G.M.T.	155											
Sea °F	59.5											
Air °F	60.0											

GENERAL INFERENCE.

A depression on the Atlantic some distance to the Southwestward of Ireland will cause some local rain or showers in our Western and Southwestern districts but the other districts will remain under anticyclonic influence and continue fair generally, with a moderately high temperature.

## Districts.

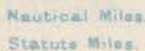
Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 15th July, 1921.

## Further Outlook

1. S.E. England Wind between South-East and North-East, light or moderate; fair. Visibility mainly good; rather high temperature inland.
2. E. England
3. E. Midlands
4. W. Midlands
5. S.W. England Wind South-East, light to moderate or fresh; cloudy or overcast, some local rain or showers; visibility fair or good. Moderate or rather high temperature.
6. South Wales
7. North Wales
8. N.W. England
9. N. Midlands
10. N.E. England Wind South-Easterly, light; fair. Visibility mainly good. Moderate temperature.
11. E. Scotland
12. S.W. Scotland
13. Isle of Man Wind East or South-East, light or moderate; mainly cloudy, some local showers or rain; visibility fair. Moderate temperature.
14. N. & N.W. Scotland
15. Hebrides
16. Orkneys and Shetlands Same as 9 - 11.
17. N.W. Ireland Wind East or South-East, moderate or fresh; much cloud generally, some rain or showers; visibility fair.
18. N.E. Ireland Temperature falling somewhat.
19. S.E. Ireland
20. S.W. Ireland

It appears probable that the conditions will become more favourable for rain over the country generally.





Bar Rising  
50 Cloudy (5) 11  
Slowly.

④ 46  
Fine

57 Bar. Rising  
(2) Fine  
1018  
(L) 57 (2) Fine L  
Slowly.

# HIGH

LOW

## Barometer

04 Fair 10  
Falling

65 (15) udy Slowly.

## Barometer



Shower

Scarcely

60 Fair (5) //

⑮ 62 Fair Ch

cast (5)

73 (2)  
Fine

100

## Changing

②

3  
ie

⑦ 70  
Fine

1


②  $\frac{1}{62}$   
Cloudy

2

66

Fine

(2)



A small sketch of a mountain range with a vertical line and the number 5.

70 (0)  
Fine

64  
Fine

66  
Fine

TIME

M.K.O.

M.K.O.

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

EXPLANATION

Direction is shown by arrows flying with the wind.  
The velocity is shown in miles per hour by figures in small circles

cloud: ☉ clear sky ☉ sky ☉ clouded ☉ sky  
 snow: ❄️  
 thunderstorm: ⚡️  
 hail: ⚡️  
 fog: ☁️  
 mist: ☁️  
 thunder: ⚡️

ROUGH: ~~~~~ Rough: ~~~~~ High:

Objects not visible at	50 metres or	35 yards.
very fog	800	220 "
very poor	500	550 "
poor	1,000	1,100 "
fair	2,000	12 miles.
moderately	4,500	25 "
good	7,000	43 "
very good	12,000	75 "
	36,000	185 "
Objects visible at	36,000 or beyond.	



## AIR MINISTRY.

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

Page 4.

BRITISH SECTION. FRIDAY, 15<sup>TH</sup> JULY, 1921.

No. 196.

STATIONS.	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.	Humidity.	Visibility.	Height of Low Cloud.	Cloud.			Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp.	Humidity.	Visibility.	Height of Low Cloud.	Cloud.					
			Direc.	Force						Form.	Amt.	Total Form.			Total Amt.	Sea.						Direc.	Force	Form.	Amt.	Upper Form.	Total Amt.
m.b.		0-12		°F	%	0-3	Feet	0-10	0-10	0-9	m.b.		0-12		°F	%	0-3	Feet	0-10	0-10	0-9	Form.	Amt.	Upper Form.	Total Amt.		
Lerwick	1023.4	0	-	0	6	46	97	8	-	-	0	1022.3	+2	ENE	2	cl	50	85	8	-	-	8	St. Cu	8	-	8	
Stornoway	1018.3	+	-	0	6	*	*	*	*	*	*	1018.6	0	SE	2	c	57	85	8	-	-	8	-	acu	8		
Wick	1020.0	0	SE	6	6	51	92	9	-	-	0	1019.7	0	SE	5	cl	53	92	8	7250	St. Cu	8	-	ast	5		
Castlebay												1014.7	0	ENE	4	ffbc	60	85	5	-	-	-	-	-	-		
Nairn												1017.4		-	0	bcm	56								8		
Aberdeen												1017.2	0	SE'S	3	c-	56	85	8	1500	St	8	-	-	8		
Malin Head												1018.2	-1	NE	3	PK	57	85	6	800	St	10	-	-	10		
Renfrew	1018.7	0	NE	4	0	55	75	6	1500	St.	10	-	10		1018.3	0	SE	2	0	57	85	8	-	St	10	-	
Leith (INCH KEITH)															1018.6	0	NNE	2	0	55	85	6	2500	St	10	ast	
Eskdalemuir	1019.0	0	NNE	3	0	55	85	6	2500	St.	10	-	10		1019.8	0	S	2	q/r	55	97	7	4000	St	4	ast	
Tynemouth	1020.0	0	SSE	2	0	55	85	8	-	-	7. St	10													10		
Blacksod Point	1009.8	0	ESE	1	bc	66	75	6	4000	cu	4	-	4		1008.9	-3	SE	3	bc/r	64	92	5	1500	St.	3	acu	
Donaghadee															1015.4	0	ESE	3	or	58	92	8	-	-	ast	9	
Birr Castle															1011.3		SE	1	PR+	63	97	7	2500	cuNb	9	-	
Baldonnell	1014.7	+1	S	3	bc	62	85	7	2500	St. Cu	4	-	4		1013.9	-1	E	3	0	63	85	8	1500	St	9	ast	
Holyhead	1015.2	0	-	0	6	*	*	6				-	0		1015.1	0	ESE	1	0	64	97	8	4000	St. Cu	9	acu	
Liverpool (Bidston)															1016.3	0	SE'E	4	cl	61	75	5	2500	cu	8	-	
Manchester (Alex. Pk.)															1017.7	0	ESE	4	0	64	55	9	2500	St. Cu	4	acu	
Howden	1019.9	+2	E	1	c-	56	97	6	2500	St	8	-	8		1019.6	0	ESE	3	0	59	92	8	2500	cu	7	A. St	
Spurn Head	1020.8	0	SE	5	0	59	75	9	1500	St	9	-	9		1021.2	0	SE	4	0	61	85	7	2500	St	4	A. Cu	
Nottingham															1018.6		E	2	bc-	60	75	6	-	-	acu	5	
Cranwell	1019.9	+1	E'S	4	0/r	56	85	7	1500	Nb	8	ast	10		1019.6	0	ENE	3	bc-	58	92	8	4000	St.	4	acu	
Gorleston	1020.2	0	SE	4	0	58	85	9	-	-	ast	10			1020.1	0	SE	4	0-	59	85	8	-	-	acu	8	
Pulham	1019.9	0	E	1	0	57	85	8	4000	St	9	-	9		1019.5	0	E'S	2	c-	61	85	8	4000	St. Cu	5	acu	
Felixstowe	1019.7	0	ENE	4	bc+	60	85	7	5750	St. Cu	5	-	5		1019.6	0	ENE	3	cl	60	85	8	4000	cuNb	8	-	
Valencia (Cahirciveen)	1010.0	0	NE	4	cl	62	92	8	5750	St. Cu	7	-	7		1007.3	-1	SE	4	c	65	75	9	1500	St. Cu	4	c. cu	
Roches Point															1010.8	-1	SSE	4	q/r	66	92	7	800	Nb	10		
Pembroke (St. Ann's H.)	1015.7	0	SSE	3	bc+	60	97	8	-	?	?	?	4		1014.6	-1	SE	3	0.4	62	92	8	5750	St. Cu	7	G. St	
Ross-on-Wye															1017.1	+1	ESE	1	q/r	59	75	9	4000	cuNb	8	A. St	
Benson															1016.7	-1	E	2	c	65	75	7	4000	cu	7	acu	
S. Faroborough															1016.6	0	E	3	c	64	75	8	4000	St. Cu	4	acu	
London	1018.3	0													1017.3	-1	ENE	4	bc+	65	85	6	-	-	acu	8	
Croydon	1018.3	0	ENE	3	b	57	92	8	-	-	-	acu	3		1017.8	-1	ENE	4	c-	64	85	8	-	-	acu	8	
Glacton-on-Sea															1018.8	0	ENE	4	bc	61	85	8	2500	cuNb	2	acu	
Shoeburyness															1018.8	0	ENE	4	b-	64	75	7	-	-	acu	4	
Grain															1017.8	0	ENE	5	bc	65	85	8	5750	St. Cu	3	ci	
Lympne	1018.2	+1	NE	6	b	60	85	8	-	-	-	c	3		1017.6	0	ENE	4	cl	63	75	9	4000	cu	7	-	
Scilly (St. Mary's)	1014.4	0	S'E	2	0	63	85	8	4000	St. Cu	9	-	9		1012.9	-2	SSE	2	b-	63	97	8	1500	cu	2	acu	
Falmouth	*	*	*	*	*	*	*	*	*	*	*	*	*		1013.7	0	SE	4	0	65	85	7	-	St	6	ast	
Plymouth	1019.2	-1	-	0	0	61	92	7	1500	St. Cu	9	-	9		1014.8	0	E	2	c	64	85	8	2500	St	2	A. St	
Portland Bill	1016.0	0	ENE	3	b	60	85	8	-	-	-	c. Cu	2		1015.7	-1	ENE	4	bc+	62	85	8	-	-	A. St	10	
Calshot	1016.9	0	ENE	1	bc+	61	85	8	5750	St. Cu	4	-	4		1016.0	0	E	4	0	65	75	8	7250	St. Cu	9	A. St	
Dungeness	1018.0	0	NE	4	c+	62	92	8	5750	St. Cu	7	-	7		1017.4	0	NE	4	c+	62	85	8	5750	St. Cu	8	-	
Jersey (Guernsey Is.)	1016.0	0	-	0	ifb	62	97	6	5750	St. Cu	3	a. St	7		1014.3	0	NE	2	0	67	75	8	4000	St	10	-	

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		Sunrise to Sunset. 13-15	Sunrise to Sunset. 13-15	
	Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night 17h-9h	Day 9h-17h	Sunrise to 17h.	Sunrise to Sunset.		Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night 17h-9h	Day 9h-17h			Sunrise to 17h.
					13-14	14-15	14-15	13-15						13-14	14-15			
					mm.	mm.	hr.	hr.						mm.	mm.	hr.	hr.	
Banff ... ..	c	cbcb	63	50	-	-	6.2	6.9	Paignton ... ..	bc cb	b	76	61	mm. trace	-	7.7	8.8	
Montrose ... ..	o	a	60	54	-	-	0.3	0.0	Ilfracombe ... ..	cbcb	bc b	70	63	0.1	-	7.2	7.2	
Llandudno ... ..	c	cb	78	60	2	-	5.3	12.4	Bude ... ..	c	b	75	61	-	-	8.6	2.7	
Colwyn Bay ... ..	b	b	78	61	-	-	5.8	12.6	Penzance ... ..	bc	b	71	61	-	-	9.7	10.1	
Rhyl ... ..	bc	bc bc	77	49	1	1	1.6	12.7	Torquay ... ..	bc. b	bm	73	62	†	-	7.8	12.5	
Southport ... ..	oco	stro	72	57	0.2	2	0.7	12.3	Weymouth ... ..	od	bc. b	72	62	2	1	3.7	-	
Blackpool ... ..	orc	ro	74	54	1	2	1.2	11.6	Bournemouth ... ..	o	abc b	73	62	0.3	-	2.5	13.2	
Harrogate ... ..	c	c	70	48	-	-	3.4	6.7	Portsmouth (S' theca)	bc	o	75	62	-	1	4.8	13.1	
Skegness ... ..	b	bo	64	56	-	-	9.0	13.6	Worthing ... ..	bc	rc	75	62	-	0.1	3.7	13.7	
Aberystwyth ... ..	oc	bc c	79	63	-	-	4.0	10.7	Brighton ... ..	bc. c	o	?	61	-	-	6.2	13.7	
Bath ... ..	ca tlr	oc	78	59	3	-	0.9	10.3	Eastbourne ... ..	b. bc	ca	73	61	-	-	7.0	13.0	
Leamington Spa ... ..	cb	a	74	53	-	-	2.3	12.0	Hastings ... ..	b bc	ca	73	59	-	-	8.0	13.0	
Lowestoft ... ..	bc b	b bc	64	56	-	-	12.3	14.0	Folkestone ... ..	b bc	ca	70	58	-	-	6.4	13.1	
Felixstowe ... ..	bc	cg	65	58	-	-	10.3	13.6	Tunbridge Wells ... ..	b. bc	bc c	78	57	-	-	8.0	12.6	
Southend ... ..	bc	c	68	54	-	-	7.5	13.6	Ramsgate ... ..	b	b o.	64	59	-	-	7.8	13.4	
									Margate ... ..	b	bc cb	65	59	-	-	8.7	-	
									Deal ... ..	b. b	b. bc	69	59	-	-	-	-	

\* Information for these columns not usually received

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

‡ For code see page 5.

§ See footnote page 1.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B.21786

SATURDAY 16<sup>TH</sup> JULY 1921.

Page 1.

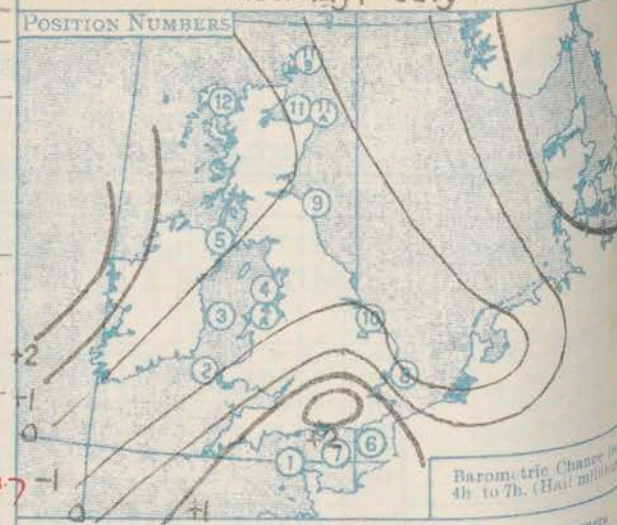
Observations at 1300 G.M.T. 13 <sup>50</sup>															Observations at 1800 G.M.T. 15 <sup>20</sup>														
STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity %.	Visibility 0-9	Height of Low Cloud. Feet	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity %.	Visibility 0-9	Height of Low Cloud. Feet	Cloud.			Sea.				
			Direc.	Force						Form.	Amt.	Form.			Amt.	Direc.						Force	Form.	Amt.		Form.	Amt.		
																												0-10	0-10
Lerwick	1022.2	0	E	1	bc-	52	85	8	-	St. Cu	5	-	5	1020.4	-2	ESE	1	b-	51	85	8	-	-	0	Cu. St	1	1		
Stornoway	1015.9	0	ENE	2	0	66	75	8	-	-	0	Cu. St	10	1015.0	-2	ENE	2	0	62	75	8	-	-	0	Cu. St	10	1		
Wick	1014.3	-1	ESE	5	bc	54	92	8	-	-	0	Cu. Cu	6	1018.7	+2	SE	5	bc	53	97	8	-	-	0	Cu. Cu	6	4		
Castlebay	1014.8	0	E	4	ffo	63	85	4	800	St	10	-	10	1012.8	0	E	4	ffo	64	75	6	7200	St	6	-	6	3		
Nairn	1014.8	0	-	-	-	-	-	-	-	-	-	-	-	1015.2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Aberdeen	1020.8	0	SE	3	C	61	65	8	1500	St	3	As. St	7	1019.6	-2	SE'S	3	0+	57	85	8	1500	St	10	-	10	0		
Malin Head	1011.7	0	E	3	co	61	97	6	-	-	-	Acu	9	1010.0	-2	E	4	co+	61	97	6	4000	St. Cu	3	Acu	6	1		
Renfrew	1017.5	-1	E	3	0	64	75	8	1500	St. Cu	10	-	10	1015.3	-2	NE	4	C	65	65	7	4000	St. Cu	8	-	8	-		
Leith (W.N.K.E.T.W.)	1017.8	-1	ESE	4	C	60	85	8	-	St. Cu	8	-	8	1014.7	-	E	4	0	59	92	8	-	-	0	Cu. Cu	6	Acu	9	-
Edinburgh	1016.6	-2	E	3	0	68	65	6	4000	St. Cu	3	Cu. St	10	1015.8	-2	E	2	0	64	75	6	4000	St. Cu	6	Cu. St	8	-		
Tynemouth	1019.2	-1	SSE	3	bc	63	75	8	-	-	0	Acu	4	1017.8	-2	SSE	3	C+	58	85	8	5750	Nb	4	Acu	8	-		
Blackhead Point	1007.6	-3	SE	3	C-	72	75	8	4000	Cu. Nb	8	-	8	1007.8	-3	SE	4	0+	68	75	7	1500	St	10	-	10	1		
Donaghadee	1014.5	-1	ESE	1	b	65	75	8	-	-	0	Cu. Cu	1	1013.0	-3	SW	1	0-	64	75	8	4000	Cu	9	-	9	0		
Birr Castle	1009.6	-3	SE	3	C-	73	75	7	2500	Cu	8	-	8	1008.0	-	SE	3	C-	71	85	7	4000	St. Cu	7	-	7	-		
Baldonnell	1012.5	-2	SE	5	bc	75	75	8	4000	Cu	2	As. St	4	1010.6	-2	ESE	3	C+	67	75	8	4000	St. Cu	8	As. St	8	-		
Holyhead	1013.5	-3	SSW	3	C+	75	65	8	4000	St. Cu	6	Acu	8	1012.6	0	SW	2	TLR	65	97	7	1500	Nb	10	-	10	0		
Liverpool (Bidston)	1014.3	-3	ESE	4	bc	72	55	6	1500	St	2	C	4	1012.6	0	SE	3	0+	72	55	5	800	Nb	10	-	10	4		
Manchester (Alex. Pk.)	1016.0	-3	E	3	0	72	45	8	2500	St	3	As. St	10	1014.4	-2	ESE	4	0	72	55	8	4000	St. Cu	8	As. St	10	-		
Howden	1018.4	-1	E'S	4	0+	67	75	7	5750	St. Cu	7	Acu	10	1016.2	-3	E'S	4	0	62	85	8	5750	St	8	Acu	10	-		
Spurn Head	1020.1	-1	SE	5	C	65	85	8	1500	Cu	7	-	7	1017.4	-3	SE	5	C	60	85	8	1500	St	2	Cu. Cu	7	2		
Nottingham	1016.9	-	E	2	C-	76	55	6	-	-	0	Cu	7	1015.2	-	ENE	2	0+	64	85	6	2500	Cu. Nb	7	Cu. St	10	-		
Cranwell	1017.6	-2	E'S	4	0	73	55	8	4000	Cu	6	As. St	9	1016.5	-1	E	3	0+	64	75	8	4000	Cu. Nb	8	As. St	10	-		
Garlestone	1019.8	-1	SE	4	b	62	75	8	-	-	0	Cu. Cu	1	1017.6	-3	ESE	4	bc+	61	85	7	-	0	Acu	6	4			
Fulham	1018.4	-2	NE	4	bc	65	75	8	-	-	0	Cu. St	4	1017.4	0	E	1	C+	65	75	8	5750	St. Cu	3	As. St	7	-		
Felixstowe	1018.4	-2	NE	4	bc	65	75	8	-	-	0	Cu. St	4	1016.4	-2	NE	5	0+	63	85	8	5750	St. Cu	2	As. St	9	3		
Valencia (Cabiriveen)	1005.4	-3	SE	5	C-	68	75	8	2500	St. Cu	8	-	8	1002.5	-4	SE	4	C-	66	75	8	2500	St. Cu	8	-	8	1		
Roche Point	1009.4	-2	SE	5	0+	68	92	8	800	Cu. Nb	10	-	10	1006.3	-4	SE	5	0+	65	97	6	800	Nb	10	-	10	6		
Pembroke (St. Ann's H.)	1013.5	-1	SE	3	0	64	92	8	5750	St. Cu	10	-	10	1011.4	-2	SSE	3	0+	61	97	8	4000	Nb	10	-	10	3		
Ross-on-Wye	1014.5	-2	EIN	3	C+	75	55	7	-	-	0	Cu. St	8	1012.7	-2	EIS	1	0+	70	75	8	4000	Cu. Nb	8	Cu. St	10	-		
Benson	1014.8	-3	E	3	0+	77	45	7	-	St	10	-	10	1014.0	-1	ESE	2	0+	68	65	6	-	Nb	10	-	10	-		
S. Farnborough	1014.4	-3	E	4	0	82	35	8	7200	St. Cu	1	Cu. St	10	1013.2	-2	ENE	3	0	68	65	7	2500	St. Cu	7	As. St	10	-		
London (Kew Obs.)	1015.6	-4	E	4	bc	76	45	8	-	-	0	Acu	6	1014.9	0	E	4	0+	68	55	6	2500	Nb	4	As. St	10	-		
Croydon	1015.9	-2	NE	4	C+	79	45	8	5750	Cu	4	Cu. St	6	1015.6	0	E	3	0	67	65	8	5750	St. Cu	5	As. St	10	-		
Clacton-on-Sea	1017.2	0	E	4	b	70	65	6	2500	Cu	1	Acu	3	1015.5	-2	ENE	4	0+	65	75	8	2500	Cu. Nb	3	As. St	10	0		
Shoeburyness	1017.2	0	E	4	b	70	65	6	2500	Cu	1	Acu	3	1015.2	-4	E'S	3	C	65	75	8	1500	St. Cu	4	As. St	8	-		
Grain	1016.7	-2	NE	5	b	69	75	7	-	-	0	Cu. Cu	2	1014.8	3	NE	5	C+	64	75	7	2500	St. Cu	7	-	7	3		
Lymington	1016.8	-3	NE'E	5	C+	75	55	8	5750	St. Cu	2	As. St	7	1015.4	+1	E	3	0+	62	97	8	1500	Nb	6	As. St	10	-		
Scilly (St. Mary's)	1011.4	-1	SES	3	bc+	71	75	8	5750	St. Cu	6	-	6	1009.0	-1	SE	3	C	66	85	7	2500	St. Cu	7	-	7	5		
Falmouth	1013.0	-1	SE	3	bc	70	75	6	-	Cu	3	Acu	4	1010.9	-4	SSE	3	bc	66	92	7	-	St. Cu	2	Cu. Cu	4	-		
Plymouth	1013.5	-1	E	3	C	73	65	7	4000	St. Cu	8	-	8	1017.2	-2	S	2	C	66	85	9	2500	St. Cu	6	As. St	7	-		
Portland Bill	1015.2	0	ENE	4	0+	64	85	7	-	-	0	As. St	10	1013.1	-2	ENE	4	bc	63	85	7	-	0	Cu. Cu	4	4			
Walsby	1015.7	-2	SWW	4	0+	64	85	8	5750	Cu. Nb	9	As. St	10	1013.1	-2	EIN	3	0	66	85	7	2500	St	9	-	9	0		
Dungeness	1015.5	-3	E	5	bc	69	75	8	-	-	0	Acu	4	1016.0	2	SE	2	0+	64	92	8	450	St	10	-	10	4		
Jersey	1014.5	0	S	2	0+	66	85	8	4000	Cu. Nb	10	-	10	1012.4	-1	ESE	2	bc+	70	75	8	4000	St. Cu	5	-	5	0		
LONDON OBSERVATIONS															WEATHER.		TEMPERATURE.			RAIN-FALL.	SUN-SHINE to Sunset.	HUMIDITY.		ATMOSPHERIC POLLUTION.		SOLAR RADIATION.		POLE STAR RECORD at Greenwich Obsy.	
															Morning.	Afternoon.	Night.	Max. °F.	Min. °F.	Min. on Grass °F.	15h. G.M.T. %.	9h. G.M.T. %.	Lib. of Solid Impurity per million cubic yards.		Vertical component per square centimetre.		Exposure from 15. to 16. h. 30 m.		
																							24 Hr. ended 1800 G.M.T. 15.5		During yesterday.		Stars. Expo. Record.		
																							South Kensington		South Kensington.		Polaris		
																							Max. Time. Min. Time.		Total. Average Rate.		h. m. h. m. %.		
																							0.6 1600 0.2 0100 15		999.7 joules		5.0 3.9 66		
																							1.0 0700 0.2 0100 15		17.2 Milliwatts.		Ursae		
																							Max. Time. Min. Time.		Maximum Rate		Minoris		
																							0.6 2200 0.2 0100 15		71 Milliwatts.		5.0 2.30 50		
																							0.8 0600 0.2 0100 15						
</																													



## SUMMARIES FOR THE PAST 24 HOURS.

ISALLOBARS Saturday, July 16th.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN. Hours.
	7h.-13h. 15 <sup>h</sup>	13h.-18h. 15 <sup>h</sup>	18h.-15 <sup>h</sup> to 1h. 16 <sup>h</sup>	1h.-7h. 16 <sup>h</sup>	MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	Day. 7h.-13h.	Night. 13h.-7h.	Precipitation began.	
Lerwick	c	b r b c	b r b c	c	54	46	.	-	-	-	.
Stornoway	oo	oo	b r b c	p	68	54	.	-	0.4	-	4.1
Wick	c	c	c	oo	54	46	.	-	-	-	.
Castlebay	b c m	o p c m	c o m m	o m l p	65	59	.	0.3	0.2	-	3.9
Nairn	b c b	b b c m	c m w	.	69	50	.	-	-	*	5.0
Aberdeen	c	oo	oo	.	61	55	54	-	-	-	4.7
Malin Head	.	.	c	o o r	66	55	.	-	0.4	-	5.8
Renfrew	o p r o	a c m	oo	o r m	67	55	53	5	5	-130	2.6
Leith (J.N.C.H. & E.H.)	c	c	r a d	.	62	57	54	-	4	-130	.
Esksdalemair	oo	oo	oo	r r r	72	50	50	-	6	-	3.6
Tynemouth	b r b c	b r b c	c o m	o i r	63	54	.	-	7	-22.00	.
Blackrod Point	b r b c	c	p	b r b c	72	59	.	-	0.3	-	.
Donaghadee	b m p	b c m	o i m p	o m i r	66	56	.	1	3	-	.
Birr Castle	p c	c	p c	.	75	62	55	0.5	1	-	5.6
Baldonnell	c	c	t l r	b r b c	75	59	57	Trace	3	0900	5.3
Holyhead	o b b c	c o p t e r	o p c o	o c	76	61	60	16	3	1730	3.7
Liverpool (Bidston)	p	o a t	o t r	p t l	78	57	55	-	2	-	2.4
Manchester (Alex. Pk.)	i r	oo	o t r	p o b c	79	59	55	-	1	-	.
Howden	c	oo	r a d	oo	71	55	50	-	1	-	3.2
Spurn Head	c	c	p	c	65	57	.	-	Trace	-	.
Nottingham	c	b	p	oo	79	57	55	1	0.5	1530	6.8
Cranwell	c	oo	i r	p	74	57	.	Trace	1	1730-2200	5.9
Gorleston	b r b c	b r b c	c o g o u	b r b c	63	59	58	-	0.3	-	8.5
Pulham	oo	oo	oo	c	72	59	56	-	Trace	-	8.5
Felixstowe	b r b c	c	oo	c	67	58	.	-	-	-	8.23
Valencia (Cahiriveen)	c o p	e p	o r	o r c p	70	61	58	11	4	-	2.2
Roches Point	b r b c	r a d	p	.	68	63	.	7	5	-	.
Pembroke (St. Ann's H.)	c	c o r	c	i r	70	60	.	0.6	3	1730	3.7
Ross-on-Wye	o p c b	b a y	c o c b c	c o p b c	77	60	55	3	0.4	1430-2300	3.1
Benson	c	i p e	c	.	79	54	48	0.1	Trace	1730	.
S. Farnborough	c	i r	oo	.	85	55	50	0.3	-	1530	3.2
London (K.E.W.)	b e z b	o y o p a t	o c b b	b m c m	77	60	53	Trace	-	1530	12.5
Croydon	c	b e z	b e z i m	c o b m	80	56	52	-	-	-	6.0
Clacton-on-Sea	c	b e c o	o c b c z	.	67	61	58	-	-	-	7.6
Shoeburyness	c	c	b e z	l o f f	71	56	55	-	-	-	9.1
Grain	b r b c	c	c	.	69	56	46	-	-	-	8.3
Lympne	b b c	c o r	r o c b c	b r b c	76	58	42	0.1	1	1530	8.6
Scilly (St. Mary's)	b r b c	c	p	c	71	62	.	-	0.6	2400	9.6
Falmouth	b c m	b e r g	p c	c o r	70	62	60	2	2	1430-1530	4.3
Plymouth	oo	oo	p	c	69	63	65	-	-	-	4.3
Portland Bill	oo	c	c	b r b c	65	60	.	-	-	-	.
Calshot	o t r r a	r a d	f o r m	b r b c	74	59	55	0.4	-	-	1.0
Dungeness	c	r o	oo	c	70	55	.	Trace	1	1730	.
Jersey	o p t o	o p b c	p	b c o	72	61	.	0.4	-	0900	0.8



Position Number	1	7	6
Date	15	16	16
Time (G.M.T.)	0530	0224	0200
Sea ° F	59	62	61
Air ° F	63	64	63

## GENERAL INFERENCE.

A depression is still indicated off the West of Ireland while a shallow secondary lies over the South-East of England and the Netherlands. Less fine weather is probable generally, with local rain and thunderstorms in many districts.

## Districts. Forecasts for the 24 hours commencing 15h. G.M.T. Saturday 16th July, 1921.

1. S.E. England	Wind mainly from S.E. to S or S.W, light or moderate; variable sky, some rain or thunderstorms; visibility fair; warm.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	Wind between East and South, light or moderate; mainly cloudy or overcast, some rain or showers, thunder locally; visibility fair or good. Rather warm.
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	Wind S or S.E, light or moderate; mainly dull, some rain, thunder locally; visibility fair. Warm.
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 with occasional rain or showers in many places, and thunder locally.

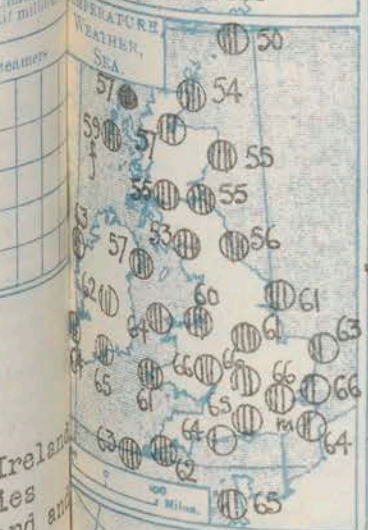


Geological map of the area around the town of S. Cu. 10. The map shows various geological units and their distribution. The units are labeled as follows:

- CuNb3
- St. Cu3
- St. 10
- St. 10
- St. 2
- CuNb8
- St. 10
- St. Cu. 10
- St. 10
- CuNb5
- St. 8
- CuNb2
- CuNb8
- Cu2
- St. Cu. 7
- CuNb2
- Cu. 5
- St. Cu. 1
- Cu. 2
- St. 6
- St. Cu. 8

The map also shows the town of S. Cu. 10 and the river S. Cu. 10.

Nautical Miles.  
Statute Miles.



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EXPLANATION

Isobars are drawn for intervals of two millibars.

Direction is shown by arrows flying with the wind.

on the scale 0-12, is indicated by the number of feathers.

velocity is shown in miles per hour by figures in small circles

TEMPERATURE is given in ° F

WIND SYMBOLS:

☉ clear sky    ☉ sky 1/4 clouded; ☉☉ sky 1/2 clouded; ☉☉☉ sky 3/4 clouded; ☉☉☉☉ overcast sky; ● rain falling; ▲ hail; = fog; ° mist; T thunder

ALPHABETIC CODE FOR SURFACE VISIBILITY (PP. 1 & 4).

Objects not visible at

Surface Condition	50 metres or 55 yards	200	250	500	1,000	1,100	12 miles.	2 1/2	4 1/2	7 1/2	18 1/2
Very fog	"	"	"	"	"	"	"	"	"	"	"
Path thick fog	"	"	"	"	"	"	"	"	"	"	"
Very bad	"	"	"	"	"	"	"	"	"	"	"
Bad	"	"	"	"	"	"	"	"	"	"	"
Very poor	"	"	"	"	"	"	"	"	"	"	"
Poor	"	"	"	"	"	"	"	"	"	"	"
Unsettled	"	"	"	"	"	"	"	"	"	"	"
Fair	"	"	"	"	"	"	"	"	"	"	"
Good	"	"	"	"	"	"	"	"	"	"	"
Very good	"	"	"	"	"	"	"	"	"	"	"

Objects visible at 30,000 or beyond.

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Director.



## AIR MINISTRY.

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

Page 4.

BRITISH SECTION: SATURDAY, 16 JULY, 1921.

No. 197.

STATIONS.	Observations at 0100 G.M.T. 15													Observations at 0700 G.M.T. 16												
	Barom. at M.S.L. Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.			Barom. at M.S.L. Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.						
		Direc.	Force						Form.	Amt.	Total Amt.		Direc.	Force						Form.	Amt.	Total Amt.				
																							0-12	0-10	0-10	0-10
Lerwick	1013.8	-2	-	0	b	47	97	8	-	-	-	1013.9	-1	SE	3	C+	50	95	4	7250	Str	8	10			
Stornoway	1015.7	-2	-	0	bc	57	97	7	-	-	-	1013.3	-1	-	0	Op	57	97	7	450	Str	10	10			
Wick	1016.5	-1	SSE	5	0+	53	92	8	-	-	-	1016.1	0	S	4	0	54	92	8	800	Str	10	10			
Castlebay												1012.4	0	E	4	ffo	59	92	4	5750	Str	10	10			
Nairn												1014.8	0	-	0	C	57	95	8	1500	Str	10	10			
Aberdeen												1018.0	0	SSE	2	0	55	85	8	1500	Str	10	10			
Malin Head	1013.3	0	ESE	4	bc	59	97	6	-	-	-	1013.1	0	E	3	Co+	58	97	6	4000	Str	10	10			
Renfrew	1015.0	-1	NE	2	0	57	95	6	2500	Str	2	10	1014.4	0	NE	3	0/r	55	97	6	800	Str	10	10		
Leith (UNCL. SE. IT. H.)												1015.1	0	SE	3	0/r	55	97	8	-	CuNb	10	10			
Eskdalemuir	1015.6	0	-	0	0	55	92	6	4000	Str	10	10	1015.5	0	NNE	2	0/r	53	85	6	2500	Str	10	10		
Tynemouth	1016.7	-1	SSE	2	Op	55	92	7	2500	CuNb	10	10	1015.8	-1	SE	2	0/r	56	92	8	5750	Str	10	10		
Blacksod Point	1004.7	-4	SE	3	C+	65	85	6	5750	Str	8	8	1005.3	+2	SE	3	C	63	95	7	2500	Str	8	10		
Donsghadee												1012.3	0	ESE	3	0/r	57	92	8	2500	Str	10	10			
Birr Castle												1006.6	0	SE	1	C+	62	97	7	4000	Str	5	10			
Baldonwell	1009.4	-2	ENE	3	0/r	62	92	5	800	Str	9	9	1008.6	0	SE	4	0+	64	75	8	1500	Str	9	10		
Holyhead	1010.3	-1	SSW	3	0/r	*	*	7	1500	Nb	10	10	1010.5	0	SE	3	bc	64	92	8	4000	Str	4	10		
Liverpool (Bidston)												1012.0	0	ESE	3	0/r	60	95	4	800	Str	10	10			
Manchester (Alex. Pk.)												1013.5	-1	E	3	bc/r	62	75	5	5750	Str	5	10			
Howden	1015.5	-2	E	2	0/r	56	97	4	800	Nb	10	10	1014.0	-1	E	2	0	58	97	6	800	Str	10	10		
Spurn Head	1015.0	-4	E	3	Op	58	92	9	450	Str	10	10	1015.1	-1	ESE	3	C	61	85	7	1500	Str	7	10		
Nottingham												1013.4	0	E	1	0	61	92	5	2500	CuNb	8	10			
Cranwell	1015.4	-1	EN	3	C/r	57	97	8	1500	Nb	6	10	1014.0	-1	E	2	0/r	59	92	6	800	Cu	10	10		
Gorleston	1016.0	-2	ESE	4	0+	60	92	8	4000	CuNb	10	10	1015.1	-1	SE	3	C/r	63	85	9	-	-	10	10		
Pulham	1014.6	-2	ENE	2	0	60	97	8	4000	Str	10	10	1013.9	0	E	1	0+	63	85	7	4000	Str	10	10		
Felixstowe	1015.0	-2	NE	2	0	61	95	8	2500	Str	7	10	1014.4	0	NE	3	bc	66	85	7	-	-	10	10		
Valencia (Cahiroiveen)	1002.0	+2	SSE	5	bc+	63	*	6	-	Nb	6	6	1003.6	+1	SSE	3	C	64	92	8	1500	Str	6	10		
Roche's Point												1005.9	-1	SSW	4	C	65	92	8	800	Cu	7	10			
Pembroke (St. Ann's H.)	1009.9	-1	SSE	3	bc	60	97	8	-	CuNb	6	6	1010.0	-1	SW	3	0/r	61	97	6	4000	Nb	10	10		
Ross-on-Wye												1012.5	0	SSE	2	C+	66	75	7	4000	Cu	2	10			
Beneon												1013.2	+2	ESE	1	C	66	85	7	-	Str	7	10			
S. Farnborough												1013.3	+2	WSW	2	C	65	75	8	4000	Str	1	10			
London (KEW. 633 ft.)	1014.1	-1	-	-	63	95	5	4000	Str	7	7	1013.9	+2	SSW	1	for	66	75	5	5750	Cu	3	10			
Croydon	1014.3	+2	-	0	C	58	93	7	4000	Str	7	7	1014.0	+1	NNW	1	bc	67	75	5	5750	Cu	3	10		
Clacton-on-Sea												1013.4	0	E	3	bc	66	85	6	4000	CuNb	2	10			
Shoeburyness												1013.5	0	-	0	bc	69	75	6	5750	Cu	2	10			
Grain												1013.7	0	SE	1	bc	68	75	5	5750	Str	2	10			
Lympne	1013.8	-1	ENE	2	bc	60	95	8	-	-	-	1013.5	0	-	0	bc	68	85	8	4000	Cu	2	10			
Scilly (St. Mary's)	1009.1	0	S	3	C	63	97	8	4000	Str	7	7	1009.0	0	S	3	C+	63	92	8	5750	Str	9	10		
Falmouth												1010.6	+1	SW	3	0	62	97	5	1500	Nb	10	10			
Plymouth	1011.9	0	SE	4	C	64	85	8	2500	Str	7	7	1011.6	0	SE	3	C	64	85	7	1500	Str	8	10		
Portland Bill	1013.1	0	E	3	C+	60	85	9	1500	Str	8	8	1013.1	0	SSW	3	b	64	75	7	-	-	10	10		
Calshot	1012.8	-1	SE	3	b	64	92	8	4000	Str	2	3	1013.7	+2	-	0	C+	65	92	7	4000	Cu	3	10		
Dungeness	1013.7	+1	SW	1	0	59	92	5	-	-	-	1013.5	0	-	0	bc	64	97	8	-	-	-	10	10		
Jersey (Guernsey 1h.)	1013.5	0	SW	3	off	65	92	6	5750	Cu	9	9	1014.5	+1	S	2	C	65	85	8	4000	Str	8	10		

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 15 JULY																	
STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Fore-noon.	After-noon.	Max. Day.	Min. Night.	Night 12h-6h.	Day 6h-12h.	Sunrise to 17h.	Sunrise to Sunset.		Fore-noon.	After-noon.	Max. Day.	Min. Night.	Night 12h-6h.	Day 6h-12h.	Sunrise to 17h.	Sunrise to Sunset.
Banff	c bc	bc	63	50	-	-	5.1	9.3	Paignton	c bc	oc	69	59	trace	6	2.7	8.1
Montrose	c	c	59	53	-	-	0.4	9.3	Ilfracombe	oc bc	oc/r	76	63	0.1	1	3.7	9.6
Llandudno	rcd	cpo	76	62	2	0.7	3.9	6.0	Bude	o	op	78	59	-	1	3.6	10.8
Colwyn Bay	bc cor	bcro	78	62	1	2	4.5	6.9	Penzance	oprc	bc	72	64	-	1	3.5	8.5
Rhyl	cp	bc cr	78	58	0.6	3	2.6	1.8	Torquay	b bc	bc	68	66	-	-	2.6	5.9
Southport	oc	oco	79	57	0.3	-	3.3	0.8	Weymouth	cp	c	75	60	0.4	1	1.5	5.2
Blackpool	oc cog	ag	77	57	0.7	-	3.3	1.2	Bournemouth	?	?	69	58	1	1	2.0	3.3
Harrogate	obc b	bc op	73	53	0.2	-	3.6	3.6	Portsmouth (S'thaca)	bc	r tl	78	61	-	-	7.0	5.8
Skegness	b bc	b bc	65	56	2	-	8.6	9.0	Worthing	bc	ctro	74	60	-	-	7.2	6.2
Aberystwyth	o	o	78	62	3	-	3.0	4.0	Brighton	b bc	cop	84	62	-	-	6.7	7.0
Bath	tr bc	bc cut	78	59	2	-	2.9	1.0	Eastbourne	bc	co	74	62	-	-	7.5	7.6
Leamington Spa	o	d	78	56	-	2	0.0	2.3	Hastings	bc b	bcgt	77	59	-	-	8.1	6.1
Lowestoft	c bc	bc co	65	61	-	-	8.0	12.3	Folkestone	bc	o	75	59	-	-	5.7	8.3
Felixstowe	m	om	66	58	-	-	8.3	10.3	Tunbridge Wells	b	bc co	81	57	-	-	7.5	7.8
Southend	b	co	74	60	-	-	8.5	8.5	Ramsgate	bc	bc	67	58	-	-	7.2	8.7
									Margate	b	b bc	68	59	-	-	8.3	
									Deal	b bc	bc	71	60	-	-		

## WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 15 JULY

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		Sunrise to 17h.	Sunset to 17h.
	Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night 17h-9h.	Day 9h-17h.	Sunrise to 17h.	Sunset to 17h.		Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night 17h-9h.	Day 9h-17h.		
					14-15.	15-16.								14-15.	15-16.		
					mm.	mm.	hr.	hr.					min. trace	mm.	hr.	hr.	
Banff ... ..	c bc	bc	63	50	-	-	5.1	9.3	Paignton ... ..	c bc	bc	69	59	0.1	6	2.7	8.1
Ilfracombe ... ..	c	c	59	53	-	-	0.4	0.3	Ilfracombe ... ..	c bc	c bc	76	63	-	1	3.7	10.8
Bude ... ..									Bude ... ..	o	op	78	59	-	1	3.6	8.5
Penzance ... ..									Penzance ... ..	op bc	bc	72	64	-	-	3.5	5.9
Torquay ... ..									Torquay ... ..	b bc	bc	68	66	-	-	2.6	
Weymouth ... ..									Weymouth ... ..	cp	c	75	60	0.4	1		5.2
Bournemouth ... ..									Bournemouth ... ..	?	?	69	58	1	1	1.5	3.3
Portsmouth (S'thca) ... ..									Portsmouth (S'thca) ... ..	bc	r tl	78	61	-	1	2.0	5.8
Worthing ... ..									Worthing ... ..	bc	c tro	74	60	-	0.1	7.0	4.4
Brighton ... ..									Brighton ... ..	b bc	cop	84	62	-	-	7.2	6.2
Eastbourne ... ..									Eastbourne ... ..	bc	co	74	62	-	-	6.7	7.0
Hastings ... ..									Hastings ... ..	bc b	bc agt	77	59	-	-	7.5	9.6
Folkestone ... ..									Folkestone ... ..	bc	o	75	59	-	-	8.1	6.3
Tunbridge Wells ... ..									Tunbridge Wells ... ..	b	bc co	81	57	-	-	5.7	8.3
Ramsgate ... ..									Ramsgate ... ..	b	bc	67	58	-	-	7.5	7.8
Margate ... ..									Margate ... ..	b	b bc	68	59	-	-	7.7	8.3
Deal ... ..									Deal ... ..	b bc	bc	71	60	-	-		
Aberystwyth ... ..	o	o	78	62	3	-	3.0	4.0									
Bath ... ..	tr bc	bc cot	78	59	2	-	2.9	1.0									
Leamington Spa ... ..	o	d	78	56	-	2	0.0	2.3									
Lowestoft ... ..	c bc	bc co	65	61	-	-	8.0	12.3									
Felixstowe ... ..	m	om	66	58	-	-	8.3	10.3									
Southend ... ..	b	co	74	60	-	-	8.5	8.5									

\* Information for these columns not usually received

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

§ For code see page 5.

; See footnote page 1.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B 2787

Sunday, 17<sup>th</sup> July, 1921.

Page 1.

Observations at 1300 G.M.T. 16 <sup>th</sup>															Observations at 1800 G.M.T. 16 <sup>th</sup>														
STATIONS.	Barom. at M.S.L. Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.			Sec.	Barom. at M.S.L. Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.			Sec.					
		Dirac.	Force						Form.	Amt.	Form.			Amt.	Form.						Amt.								
																						0-12	0-10		0-10	0-10	0-10	0-10	0-10
Lerwick	1019.3	0	S	2	bc	55	85	9	-	-	4.5	4	1018.9	0	S	3	bc	52	85	9	-	-	5	5	2				
Stornoway	1013.2	1	ESE	1	0	64	75	8	-	-	4.5	10	1013.7	0	ESE	1	0	64	85	8	-	-	4.5	10	0				
Wick	1015.8	0	SE	5	0	52	92	8	-	-	4.5	10	1015.9	0	SE	3	0	54	97	8	5750	St. Cu	8	-	8	3			
Castlebay	1014.8	0	E	4	0	78	85	3	800	Nb	10	-	1013.1	0	ESE	3	0	60	85	5	1000	Nb	10	-	10	2			
Nairn	1012.8	0	E	1	0	58	75	8	1500	St.	5	A. St.	10	1017.5	0	SE	2	0	58	85	8	1500	St.	10	-	10	0		
Aberdeen	1017.5	0	SE	3	0	58	75	8	1500	St.	5	A. St.	10	1017.5	0	SE	2	0	58	85	8	1500	St.	10	-	10	0		
Malin Head	1008.9	0	ESE	4	bc/r	63	97	6	4000	cu	6	-	6	1009.5	0	SE	3	0	65	92	6	5750	cu	4	A. cu	8	1		
Benfrew	1013.8	0	NE	3	0	64	75	8	1500	St. Cu	9	-	9	1014.4	0	NE	4	0	61	85	7	1500	St. Cu	10	-	10	0		
Leith (Inchkeith)	1012.9	-1	ESE	4	0	59	92	8	-	St. Cu	6	A. cu	7	1013.3	0	SE	3	0	59	97	6	-	cu	5	A. cu	8	0		
Exisdalemuir	1013.6	0	ESE	2	0	64	75	6	2500	St.	10	-	10	1013.3	0	ESE	2	0	65	75	6	4000	cu	5	A. cu	10	0		
Tynemouth	1015.1	-1	SE	2	0	59	92	7	5750	St. Cu	10	-	10	1014.8	0	E	1	0	60	92	7	-	-	-	4.5	3	0		
Blackad Point	1008.4	0	SE/E	2	0	71	65	8	2500	St. Cu	8	-	8	1008.6	1	SW	2	bc	67	75	8	4000	cu	3	4.5	5	0		
Donaghadee	1012.0	0	ESE	3	0/r	60	92	8	2500	St.	10	-	10	1012.4	1	ESE	1	0	60	92	8	2500	St.	10	-	10	1		
Birr Castle	1006.1	0	SE	1	0	69	92	8	4000	cu	6	A. cu	8	1008.7	0	SE	2	0	70	85	7	4000	St. Cu	6	4.5	9	0		
Baldonnell	1009.4	0	ESE	3	0	65	85	8	2500	St. Cu	6	A. St.	10	1012.7	2	S/E	3	0/r	65	75	8	2500	St. Cu	7	A. St.	9	0		
Holyhead	1011.5	1	SE	4	0	85	97	8	4000	St. Cu	10	-	10	1012.4	1	SW	4	bc	68	85	8	5750	St. Cu	3	4.5	6	1		
Liverpool (Bidston)	1011.6	-1	SE	2	0	75	55	6	1500	cu	4	4.5	7	1012.9	1	SW	2	0/r	64	85	9	800	cu	10	-	10	1		
Manchester (Alex. Pk.)	1012.9	-1	ESE	3	0	76	45	8	4000	cu	9	-	9	1013.4	1	SW	2	0	68	75	5	2500	St.	4	A. St.	10	0		
Howden	1013.5	-1	ESE	2	0	72	75	6	2500	St.	4	A. cu	8	1013.7	-1	E/S	2	0	75	75	7	1500	St. Cu	5	A. cu	8	0		
Spurn Head	1015.1	0	ESE	3	0	66	85	7	1500	cu	2	4.5	7	1015.1	0	E	2	0	63	85	7	1500	St.	3	A. cu	6	2		
Nottingham	1012.9	0	E	1	0	77	55	6	2500	cu	8	-	8	1012.0	0	S	2	0	78	35	6	4000	cu	3	4	8	0		
Cranwell	1013.4	-1	SE	1	0	74	65	8	2500	cu	7	A. St.	9	1013.4	0	SE	3	0	76	65	8	4000	cu	6	A. St.	9	0		
Gorleston	1015.7	0	SE	3	bc	66	85	7	-	-	A. cu	5	-	1015.7	0	S	1	0	65	85	7	-	-	-	A. cu	3	2		
Pulham	1012.7	0	ESE	2	0	81	55	7	7250	St.	4	A. cu	7	1013.7	1	SW	2	0	73	75	8	7250	St.	7	-	7	0		
Felixstowe	1014.4	0	E	2	bc	74	55	7	5750	St. Cu	5	A. cu	6	1014.7	0	SW	2	0	74	75	8	-	-	-	4	2	1		
Valencia (Cahiroiveen)	1006.2	1	S	4	bc	70	65	8	2500	cu	5	A. cu	6	1007.2	1	SE	3	0	68	75	9	2500	St. Cu	8	A. cu	9	0		
Roches Point	1008.5	1	SW	4	0	67	85	8	1500	cu	5	A. St.	10	1009.2	0	S	5	0/r	65	92	7	800	Nb	8	9	9	6		
Pembroke (St. Ann's H.)	1011.8	1	SW	3	0	66	85	8	5750	cu	3	4.5	7	1012.9	1	SW	3	0	62	92	8	-	-	-	A. St.	10	4		
Ross-on-Wye	1012.4	-1	SW	4	bc	79	45	7	4000	cu	4	4.5	6	1013.4	1	SW	4	0	71	65	8	4000	cu	2	A. cu	9	0		
Benson	1013.4	-1	SW	3	0	77	55	8	-	cu	7	-	7	1014.1	1	SW	3	0	73	65	9	-	cu	5	4	7	0		
S. Farnborough	1013.7	0	SW	4	0	80	45	8	4000	cu	5	4	7	1014.3	0	SW	5	0	78	65	8	4000	St. Cu	1	4	7	0		
London (Kew Obsy.)	1013.7	-1	SW	3	0	78	55	8	5750	cu	8	-	8	1014.3	1	SW	3	0	78	55	8	5750	cu	1	4	3	0		
Croydon	1013.9	0	SW	3	0	80	45	8	5750	cu	6	4	7	1014.6	1	SW	3	0	75	55	9	5750	cu	1	4	3	0		
Clacton-on-Sea	1013.4	0	SE	1	0	83	45	7	5750	cu	2	-	2	1013.4	0	SE	2	bc	71	85	6	2500	cu	2	A. cu	4	0		
Shoeburyness	1013.2	0	SE	1	0	83	45	7	5750	cu	2	-	2	1013.6	1	SW	2	bc	79	45	7	-	-	-	A. cu	1	0		
Grain	1013.0	0	SE	1	0	83	45	7	5750	St. Cu	5	-	5	1013.9	1	SW	4	bc	77	55	9	5750	cu	1	A. cu	6	0		
Lympe	1014.0	0	S	3	bc	76	65	8	5750	cu	4	A. cu	5	1014.5	1	SW	4	bc	74	65	9	4000	cu	1	4.5	3	0		
Scilly (St. Mary's)	1011.1	1	S	2	0	66	85	8	1500	St.	10	-	10	1012.3	0	SE/S	3	0	63	97	8	4000	St. Cu	9	-	9	5		
Falmouth	1012.9	1	SE	4	0	68	85	6	-	St. Cu	9	-	9	1013.0	-1	SE	2	0	64	92	6	-	cu	7	A. cu	9	0		
Plymouth	1013.6	1	S	3	0	68	75	8	1500	St.	8	4	9	1013.7	-1	SE	2	bc	66	85	8	1500	St.	4	A. cu	6	0		
Portland Bill	1013.9	1	SW	4	0	64	85	8	-	-	4.5	3	-	1013.9	0	SW	4	bc	64	85	8	-	-	-	A. cu	5	3		
Calshot	1014.7	0	SW	3	bc	70	75	8	4000	cu	2	4	5	1314.7	-1	S/E	2	0	70	75	8	7250	St. Cu	1	4	8	0		
Dungeness	1014.9	1	SW	2	bc	70	85	8	5750	cu	4	4.5	6	1015.0	0	SW	3	0	67	85	8	-	-	-	-	0	3		
Jersey	1015.2	0	ESE	2	0	71	75	8	-	-	4	-	4	1015.4	0	WNW	2	0	72	75	8	-	-	-	4.5	8	0		

LONDON OBSERVATIONS.										ATMOSPHERIC POLLUTION.				SOLAR RADIATION.		POLE STAR RECORD at Greenwich Obsy.	
WEATHER.			TEMPERATURE.			RAIN-FALL mm.	SUN-SHINE to Sunset hrs.	HUMIDITY.		Lbs. of Solid Impurity per million cubic yards.	Vertical component per square centimetre.	Pole Star Record at Greenwich Obsy.					
Morn-ing.	After-noon.	Night.	Max. °F.	Min. °F.	Min. on Grass. °F.			15h. G.M.T. %	5h. G.M.T. %								
24 HOURS ENDED 0900 G.M.T. 17 <sup>th</sup>										24 Hrs. ended 1800 G.M.T. 17 <sup>th</sup>				During yesterday.		Exposure from to. h. m.	
Kew										South Kensington				South Kensington.		Stars. Expos-ure. Record.	
Orodon	bz bz	bz bz	bc bc	87	57	47	-	10.2	36	55	Max. Time. Min. Time.		Total. Average Rate.		h. r. h. m. %		
Greenwich (Royal Obsy.)	c bz	b	bc bc	87	57	47	-	10.2	36	55	Max. Time. Min. Time.		Total. Average Rate.		h. r. h. m. %		
City (Bunhill Row)	.	.	.	83	60	-	-	9.9	44	52	Max. Time. Min. Time.		Total. Average Rate.		h. r. h. m. %		
Westminster (St. James' Pk.)	.	.	.	83	60	-	-	9.9	44	52	Max. Time. Min. Time.		Total. Average Rate.		h. r. h. m. %		
Regents Pk. (Botanical Gdns.)	.	.	.	83	60	-	-	9.9	44	52	Max. Time. Min. Time.		Total. Average Rate.		h. r. h. m. %		
Camden Sq. (Brit. Museum)	c bz	bc	.	87	60	57	-	9.9	44	52	Max. Time. Min. Time.		Total. Average Rate.		h. r. h. m. %		
Kensington Palace	bc	bc	.	83	59	53	-	9.6	50 (18)	54	Max. Time. Min. Time.		Total. Average Rate.		h. r. h. m. %		
Hampton Observatory	.	.	.	81	59	51	-	9.6	50 (18)	54	Max. Time. Min. Time.		Total. Average Rate.		h. r. h. m. %		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.				DEAUFORT 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 33 feet above the ground.				Beaufort No. Statute miles per hour. Metres per second.																	
17 <sup>th</sup> July, 1921.				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"; bc = cloud 0-5; co = cloud 6-10.				SEA DISTURBANCE.				Beaufort No. Statute miles per hour. Metres per second.																	
STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.	b	bc	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z
Tarmouth	3.50	11.59	8.7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Greenwich	3.51	11.59	8.6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Wick	4.5	12.6	8.7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Valencia	3.39	12.18	9.1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	3.35	12.18	9.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	4.41	12.47	8.52	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	4.42	12.47	8.51	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ For code see page 2.



## SUMMARIES FOR THE PAST 24 HOURS.

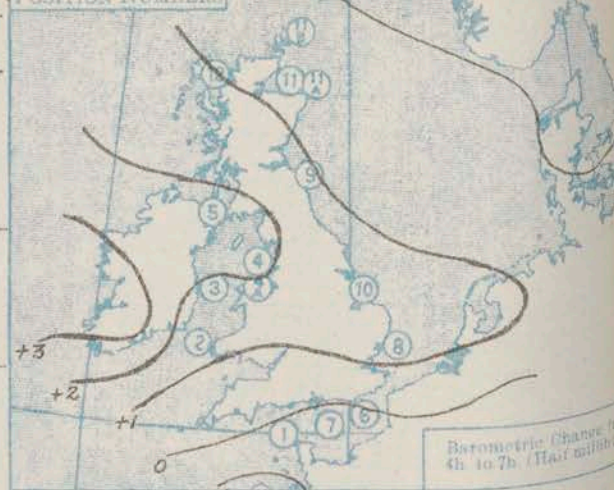
STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN.
	7h-12h.	12h-18h.	18h-7h.	1h-7h.	Max. Day.	Min. Night.	Min. on GRASS.	Day.	Night.	Precipitation began.	Hours.
Lerwick	barbc	C	00	00	55	49	*	-	-	-	1.5
Stornoway	00	C	barbc	00	67	56	*	-	0.4	-	*
Wick	00	0.0	C	00	56	52	*	-	0.3	0.430	*
Castlebay	0.0	0.0	C	00	63	58	*	4	0.2	13.30	0.0
Nairn	0.0	0.0	C	00	71	55	*	-	-	*	1.2
Aberdeen	0.0	C	00	00	62	55	55	-	-	-	2.8
Malin Head	barbc	barbc	00	00	66	57	57	3	4	22.00	1.7
Reufrew	0.0	0.0	0.0	0.0	62	56	55	trace	0.3	-	-
Leith	0.0	0.0	0.0	0.0	69	54	53	1	2	-	2.0
Exkdalemuir	0.0	0.0	0.0	0.0	64	56	*	-	1	22.00	-
Tynemouth	0.0	0.0	0.0	0.0	64	56	*	-	1	22.00	-
Blacksd Point	barbc	barbc	barbc	barbc	71	58	*	-	-	-	*
Donsghades	0.0	0.0	0.0	0.0	62	56	*	-	0.3	0.330	*
Birr Castle	0.0	0.0	0.0	0.0	74	58	50	0.4	0.1	13.20	5.4
Baldonnell	0.0	0.0	0.0	0.0	70	56	51	4	-	-	1.8
Holyhead	0.0	0.0	0.0	0.0	69	60	58	0.2	1	11.00 22.00	3.3
Liverpool (Bidston)	0.0	0.0	0.0	0.0	76	62	56	1	-	15.30	4.0
Manchester (Alex. Pk.)	0.0	0.0	0.0	0.0	82	60	58	-	0.1	-	6.2
Howden	0.0	0.0	0.0	0.0	78	53	50	1	-	17.30	5.5
Spurn Head	0.0	0.0	0.0	0.0	68	56	*	0.4	-	-	-
Nottingham	0.0	0.0	0.0	0.0	82	60	54	-	-	-	5.7
Cranwell	0.0	0.0	0.0	0.0	79	57	54	0.6	-	-	4.9
Gorleston	0.0	0.0	0.0	0.0	66	59	57	-	-	-	10.8
Pulham	0.0	0.0	0.0	0.0	84	58	51	-	-	-	6.4
Felixstowe	0.0	0.0	0.0	0.0	75	63	*	-	-	-	11.4
Valencia (Cahircivean)	0.0	0.0	0.0	0.0	72	62	57	5	0.1	07.00 22.30	4.2
Roches Point	0.0	0.0	0.0	0.0	69	62	*	5	5	0.130	*
Pembroke (St. Ann's H.)	0.0	0.0	0.0	0.0	66	61	*	0.4	0.5	0.130	1.9
Ross-on-Wye	0.0	0.0	0.0	0.0	80	58	53	-	-	-	3.3
Benson	0.0	0.0	0.0	0.0	81	52	44	-	-	-	-
S. Farnborough	0.0	0.0	0.0	0.0	82	53	48	-	-	-	9.0
London	0.0	0.0	0.0	0.0	83	59	50	-	-	-	9.4
Croydon	0.0	0.0	0.0	0.0	82	55	53	-	-	-	-
Clacton-on-Sea	0.0	0.0	0.0	0.0	73	60	58	-	-	-	8.7
Shoeburyness	0.0	0.0	0.0	0.0	85	58	49	-	-	-	11.3
Grain	0.0	0.0	0.0	0.0	83	55	47	-	-	-	10.8
Lympe	0.0	0.0	0.0	0.0	79	57	54	-	-	-	13.5
Scilly (St. Mary's)	0.0	0.0	0.0	0.0	67	60	*	0.5	1	15.30 22.00	1.9
Falmouth	0.0	0.0	0.0	0.0	72	61	57	1	0.5	17.30 22.00	1.9
Plymouth	0.0	0.0	0.0	0.0	69	61	67	1	trace	14.30 22.00	3.6
Portland Bill	0.0	0.0	0.0	0.0	65	58	*	-	-	-	-
Calshot	0.0	0.0	0.0	0.0	71	61	59	-	-	-	11.9
Dungeness	0.0	0.0	0.0	0.0	71	55	*	-	-	-	*
Jersey	0.0	0.0	0.0	0.0	74	62	*	-	1	05.30	5.0

ISALLOBAR.

0

Sunday, July 17th 1921.

## POSITION NUMBERS



Temperature reported from Cross Channel and Coastal Steamers

Position Number	76
Date	17th 17th
Time (M.T.)	0152000
Sea °F	60 61
Air °F	63 64

## GENERAL INFERENCE.

The general character of the pressure distribution remains unchanged and rather variable weather is likely to continue especially in the West, and considerable fair periods in most districts.

## Districts.

Forecasts for the 24 hours commencing 15h. GMT. Sunday 17th July 1921.

## Further Outlook.

1. S.E. England
2. E. England
3. E. Midlands
4. W. Midlands

Light variable winds, cloudy, local rain or showers, fair periods. Visibility good. Warm.

5. S.W. England
6. South Wales
7. North Wales
8. N.W. England
9. N. Midlands

Light to moderate S.E. to S. winds. Cloudy, local rain or showers, fairer intervals. Visibility fair to good. Warm.

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

Variable weather with occasional rain or showers in places.



July 17



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Director

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# AIR MINISTRY.

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

Page 4.

BRITISH SECTION *Sunday, 17<sup>th</sup> July*

1921.

No. *198*

STATIONS.	Observations at 0100 G.M.T. 17 <sup>th</sup>													Observations at 0700 G.M.T. 17 <sup>th</sup>													
	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.			Sec.	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.				
			Direc.	Force						Form.	Amt.	Total Form.				Total Amt.	Direc.						Force	Form.	Amt.	Total Form.	Total Amt.
Lerwick ...	1019.8	0	S	2	0	51	85	7	7200	St. G.	10	-	10	1019.9	0	SSE	1	C	53	92	8	-	-	0	A. St.	6	
Stornoway ...	1015.7	+2	-	0	0	5	-	-	-	-	-	-	-	1016.3	+1	-	0	0	59	92	7	450	St	10	-	10	
Wick ...	1017.0	+1	SSE	3	0	54	97	8	800	St	10	-	10	1016.1	0	S	2	ffo	54	97	5	800	St	10	-	10	
Castlebay ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1015.8	+1	E	4	0	60	92	5	2500	St	9	-	9	
Nairn ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1016.5	-	-	0	cgm	59	-	-	-	-	-	-	9	
Aberdeen ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1018.0	+1	-	0	0	60	92	7	1500	St	9	-	9	
Malin Head ...	1011.7	+4	SE	3	C	57	97	7	400	St. G.	8	-	8	1014.0	+3	S	2	bc	63	97	7	5750	Cu	3	C. G.	4	
Benfrew ...	1016.1	+2	NE	2	0/r	57	97	6	1500	St	10	-	10	1017.3	+2	NE	1	ffo	58	97	3	225	St	10	-	10	
Leith (Inchkeith) ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1017.8	+2	ENE	2	ffo	56	97	3	-	St	10	-	10	
Edinburgh ...	1016.2	+1	NNW	2	0	57	92	6	2500	St. G.	8	A. G.	10	1017.3	+2	-	0	0	60	85	6	4000	St. G.	10	-	10	
Tynemouth ...	1016.2	-1	SE	2	0/r	57	92	6	2500	Cu. Nb	10	-	10	1016.6	+1	NW	1	ffo	58	97	2	2500	Cu. Nb	10	-	10	
Blackod Point ...	1010.4	0	-	0	0	62	92	5	-	-	0	C	2	1012.7	+3	SE	2	b	64	85	8	-	-	0	C	2	
Dunghadde ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1015.8	+3	SSW	1	0/r	59	92	8	4000	St. G.	10	-	10	
Birr Castle ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1013.6	-	SE	2	C	63	92	7	4000	Cu. Nb	8	-	10	
Baldonnell ...	1013.7	+1	SSE	1	0	60	85	8	4000	St. G.	7	-	7	1014.7	+2	E	2	0	62	85	7	800	St. G.	9	A. St.	10	
Holyhead ...	1014.4	+1	SSE	3	0	-	-	7	800	Nb	10	-	10	1015.7	+2	E	1	0	63	97	9	4000	St. G.	7	A. St.	10	
Liverpool (Bidston) ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1015.8	+1	-	0	bc	66	85	8	-	-	0	C. G.	10	
Manchester (Alex. Pk.) ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1016.2	+2	ESE	2	bc	68	75	6	-	-	0	A. G.	10	
Howden ...	1015.5	+1	-	0	0	57	97	6	4000	St	5	A. G.	8	1016.2	+1	-	0	bc	60	92	6	-	-	0	A. G.	10	
Spurn Head ...	1016.8	+1	ESE	2	0	56	75	7	1500	St	4	A. G.	7	1017.2	+1	WNW	2	bc	60	92	7	1500	St	3	A. G.	10	
Nottingham ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1015.9	-	S	1	C	66	85	4	-	-	0	C. St.	10	
Cranwell ...	1015.8	+1	WNW	2	bc	62	92	6	-	-	0	A. St.	5	1016.4	+1	NW	2	bc	63	85	6	4000	St	2	A. St.	10	
Gorleston ...	1015.3	+1	NW	2	bc	61	92	8	-	-	0	C. G.	4	1016.4	+1	NW	2	bc	67	75	7	-	-	0	C. G.	10	
Pulham ...	1015.5	+1	-	0	0	59	97	8	-	-	0	A. G.	2	1016.1	+1	W	1	bc	67	85	8	-	-	0	C. G.	10	
Felixstowe ...	1016.0	+1	WNW	1	bc	65	85	8	-	-	0	C	2	1016.7	+1	WNW	2	b	66	75	8	-	-	0	C. G.	10	
Valencia (Cahirovee) ...	1009.7	+3	SE	4	C	64	-	-	-	-	-	-	-	1011.2	+3	SE	2	b	66	65	8	2500	Cu	1	-	10	
Roches Point ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1012.8	+3	SSE	4	0/r	64	97	6	800	Nb	10	-	10	
Pembroke (St. Ann's H.) ...	1014.3	0	SSE	3	0/r	60	97	8	-	-	-	-	10	1015.1	+1	SE	3	0	61	92	8	5750	St. G.	10	-	10	
Boss-on-Wye ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1016.0	+1	E	1	0	66	85	7	-	-	0	A. St.	10	
Benson ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1016.3	+1	-	0	0	63	45	8	-	St. G.	10	-	10	
S. Farnborough ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1016.6	+1	-	0	0	63	85	6	-	-	0	A. G.	10	
London (Kew Obsy.) ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1016.5	+1	-	0	0	66	75	6	5750	St. G.	3	A. G.	10	
Croydon ...	1016.5	+1	SW	1	bc	60	92	7	-	-	0	A. G.	6	1016.7	0	-	0	0	66	75	7	-	-	0	A. G.	10	
Clacton-on-Sea ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1016.4	+2	WNW	2	bc	64	85	8	-	-	0	C. G.	10	
Shoeburyness ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1016.5	0	-	0	b	68	75	7	-	-	0	A. G.	10	
Grain ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1016.5	+1	-	0	C	68	75	7	-	-	0	A. St.	10	
Lympne ...	1016.6	+2	-	0	bc	59	85	8	-	-	0	C	5	1016.7	+1	-	0	0	67	85	8	-	-	0	A. St.	10	
Scilly (St. Mary's) ...	1012.1	+1	SSE	1	0/r	62	97	8	1500	St	10	-	10	1012.8	0	SE'E	3	C	63	92	8	4000	St. G.	8	-	10	
Falmouth ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1013.8	+1	SSE	3	b	65	85	8	-	-	0	A. St.	10	
Plymouth ...	1014.9	0	E	3	0	63	92	7	1500	St	10	-	10	1014.6	0	-	0	0	63	92	7	1500	St	7	-	10	
Portland Bill ...	1016.1	+1	ESE	3	bc	60	85	7	-	-	0	A. G.	5	1016.1	0	ESE	3	bc	60	85	8	1500	St. G.	6	-	10	
Calshot ...	1016.5	0	-	0	0	63	97	8	4000	St. G.	10	-	10	1016.4	0	NE'E	3	0	65	85	8	4000	St. G.	10	-	10	
Dungeness ...	1016.5	+2	-	0	bc	62	92	9	-	-	0	A. G.	5	1016.8	+1	-	0	C	65	85	7	4000	St. G.	8	-	10	
Jersey 7th ...	1016.1	+1	SE	1	C	64	92	8	5750	St. G.	8	-	8	1014.9	-1	NE	3	0/r	65	85	7	1500	Nb	10	-	10	
Guernsey 1st ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		Source to 17th 16th
	Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night 17th-16th	Day 16th-15th	Sunrise to 17th	Sunset to 15th		Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night 17th-16th	Day 16th-15th	
					mm.	mm.	hr.	hr.						mm.	hr.	
Banff ...	o.c. bc		61	55	-	-	0.5	5.1	Paignton ...	0	o.p. 0	71	60	-	-	1.6
Montrose ...	o.c. c		60	54	0.3	0.4	2.8	0.4	Ilfracombe ...					-	-	1.3
Llandudno ...	co	o.p. c	73	61	1	2	3.4	3.9	Bude ...	o.c. 0	o.c. r	74	63	-	-	2.3
Colwyn Bay ...	b	b	72	61	-	-	2.3	4.5	Penzance ...	o.p. bc	c.o. c	70	63	3	4	1.9
Rhyl ...	r. bc r		74	57	4	1	3.1	2.6	Torquay ...	bc o.p.	c.p.	68	63	-	-	3.0
Southport ...	o.c. bc c	bc c	77	57	2	2	3.2	3.3	Weymouth ...	o.c.	c. 0	72	61	-	-	3.0
Blackpool ...	o.c. o.c. r		77	57	4	4	3.1	3.3	Bournemouth ...	bc	bc. 0	74	59	-	-	9.2
Harrogate ...	o. bc	bc b	75	53	1	-	4.4	3.6	Portsmouth (St. Thea) ...	b	b	75	60	-	-	11.1
Skewness ...	c. bc	bc. b	67	59	1	-	5.3	8.6	Worthing ...	b	b	79	61	-	-	11.8
Aberystwyth ...	c. b. 0	c. o. 0	71	63	-	-	1.0	3.0	Brighton ...	b	b	72	61	trace	-	10.0
Bath ...	bc bc	bc c	77	60	-	-	4.5	2.9	Eastbourne ...	bc	bc. b	75	59	-	-	-
Leamington Spa ...	c. b	c. b	80	56	0.2	-	4.5	0.0	Hastings ...					-	-	10.5
Lowestoft ...	c. bc	bc							Folkestone ...					-	-	9.9
Felixstowe ...	bc	bc	73	60	-	-	9.8	8.3	Tunbridge Wells ...	b. bc	bc. b	81	56	-	0.1	10.6
Southend ...	bc. b	b	85	60	-	-	9.5	8.8	Ramsgate ...	b	b	78	60	-	-	11.2
									Margate ...	b	b	81	61	-	-	-
									Deal ...	b. bc	b	81	57	-	-	-





## AIR MINISTRY.

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

BRITISH SECTION.

No. B21788

MONDAY, 18<sup>th</sup> JULY, 1921.

Page 1.

BRITISH SECTION. No. BA.7.5.9. (S. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 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LONDON OBSERVATIONS.	WEATHER.			TEMPERATURE.			RAIN-FALL mm.	SUN-SHINE to Sunset hrs.	HUMIDITY.		ATMOSPHERIC POLLUTION. Lbs. of Solid Impurity per million cubic yards.	SOLAR RADIATION. Vertical component per square centimetre.	POLE STAR RECORD at Greenwich Obsy.		
	Morning.	Afternoon.	Night.	Max. °F.	Min. °F.	Min. on Grass. °F.			15h. G.M.T. %.	9h. G.M.T. %.			Exposure from 17 <sup>th</sup> 21 <sup>st</sup> 30 <sup>th</sup> m.	Stars.	Exposure.
	24 hours ended 0600 G.M.T. 18 <sup>th</sup>	24 hours ended 0600 G.M.T. 18 <sup>th</sup>	24 hours ended 0600 G.M.T. 18 <sup>th</sup>	24 hours ended 0600 G.M.T. 18 <sup>th</sup>	24 hours ended 0600 G.M.T. 18 <sup>th</sup>	24 hours ended 0600 G.M.T. 18 <sup>th</sup>			YESTERDAY.	TO-DAY.	24 Hr. ended 1800 G.M.T. 17 <sup>th</sup>	During yesterday.			
Kew	0.03	0.03	0.03	88	59	48	1	2.3	73	47	South Kensington	South Kensington.	17 <sup>th</sup> 21 <sup>st</sup> 30 <sup>th</sup> m.	Stars.	Exposure.
Croydon	0.03	0.03	0.03	88	59	48	1	2.3	73	47	Max. Time. Min. Time.	Total 1663 Joules	to 18 <sup>th</sup> 21 <sup>st</sup> 30 <sup>th</sup> m.	Stars.	Exposure.
Greenwich (Royal Obsy.)	0.03	0.03	0.03	88	59	48	1	2.3	73	47	Max. Time. Min. Time.	Average Rate	to 18 <sup>th</sup> 21 <sup>st</sup> 30 <sup>th</sup> m.	Stars.	Exposure.
City (Sunhill Row)	0.03	0.03	0.03	88	59	48	1	2.3	73	47	Max. Time. Min. Time.	28.7 Milliwatts.	to 18 <sup>th</sup> 21 <sup>st</sup> 30 <sup>th</sup> m.	Stars.	Exposure.
Westminster (St. James' Pk.)	0.03	0.03	0.03	88	59	48	1	2.3	73	47	Max. Time. Min. Time.	Maximum Rate	to 18 <sup>th</sup> 21 <sup>st</sup> 30 <sup>th</sup> m.	Stars.	Exposure.
Regents Pk. (Botanical Obsy.)	0.03	0.03	0.03	88	59	48	1	2.3	73	47	Max. Time. Min. Time.	78 Milliwatts.	to 18 <sup>th</sup> 21 <sup>st</sup> 30 <sup>th</sup> m.	Stars.	Exposure.
Canons Sq. (Brit. Rainfall)	0.03	0.03	0.03	88	59	48	1	2.3	73	47	Max. Time. Min. Time.	78 Milliwatts.	to 18 <sup>th</sup> 21 <sup>st</sup> 30 <sup>th</sup> m.	Stars.	Exposure.
Kensington Palace	0.03	0.03	0.03	88	59	48	1	2.3	73	47	Max. Time. Min. Time.	78 Milliwatts.	to 18 <sup>th</sup> 21 <sup>st</sup> 30 <sup>th</sup> m.	Stars.	Exposure.
Hamstead Observatory	0.03	0.03	0.03	88	59	48	1	2.3	73	47	Max. Time. Min. Time.	78 Milliwatts.	to 18 <sup>th</sup> 21 <sup>st</sup> 30 <sup>th</sup> m.	Stars.	Exposure.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.				BRAUFORT NOTATION OF WEATHER.		THE BRAUFORT SCALE OF WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.		Beaufort No.	Statute miles per hour.	Metres per second.			
1252-1253 JULY 1821.				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"; b(r) = "bail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.  Capital letters indicate intensity, and repetition of letters continuity, thus:— R = heavy rain. rr = continuous moderate rain. rco = continuous light rain.		SEA DISTURBANCE.							
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, or fine rain. f fog. h hail. KQ line squall. l lightning. m mist. o overcast sky. p passing showers. r rain. rs sleet, i.e., rain and snow together. s snow. t thunder. x dust haze; the turbid atmosphere of dry weather.	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.	Calra or aligns sea. Moderate sea.	0 1 2 3 4 5 6 7 8 9 10 11 12	Less than 1. 1-3 4-7 8-13 13-18 18-24 25-31 32-38 39-46 47-54 55-63 64-75 Above 75	Less than 0.5 0.5-1.5 1.6-3.3 3.4-5.4 5.5-7.7 7.8-10.7 10.8-13.9 13.9-17.1 17.2-20.7 20.8-24.4 24.5-28.4 28.5-33.5 33.6 or above	
Farmouth	G.M.T. 3.51	G.M.T. 11.59	G.M.T. 8.6										
Greenwich	3.52	11.59	8.5										
Wick	4.5 4.7	12.6 12.6	8.6 8.6										
Valencia	3.35 3.37 4.42 4.44	12.18 12.18 12.47 12.47	9.0 8.59 8.50 8.50										

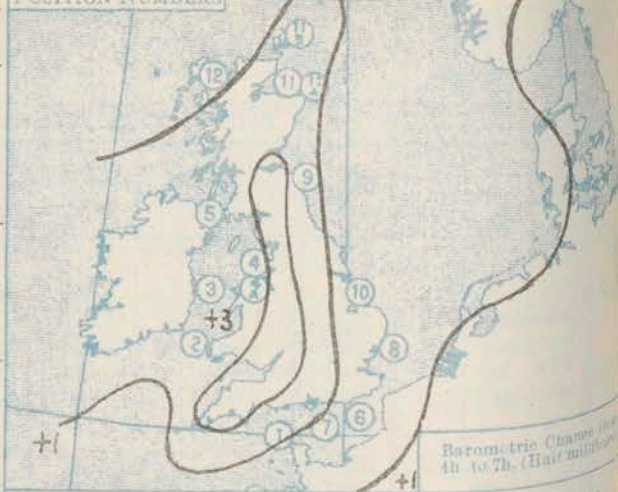


## SUMMARIES FOR THE PAST 24 HOURS.

ISALLOBAIS

Monday, 18th July

POSITION NUMBERS



Temperature reported from Cross Channel and Coastal Stations

Position Number	7
Date	17th
Time (G.M.T.)	0152
Sea °F	60
Air °F	63

## GENERAL INFERENCE.

An anticyclonic belt is now established over the Kingdom and the barometer continues to rise. Weather is likely to be fine and very warm for two or three days but there is still some possibility of thundery showers in the South.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN.
	7h-13h.	13h-18h.	18h-15h.	15h-7h.	MAX. Day.	MIN. Night.	MIN. on GRASS.	Day.	Night.	Precipitation began.	
Lerwick	borbc	borbc	borbc	borbc	60	52					
Stornoway	e	borbc	borbc	borbc	71	53					9.5
Wick	oe	om	form	bcm	60	48					
Castlebay	o.d. om	o.bcm	bmm	bmm	64	57					8.6
Nairn	cg	cm	omco		70	51					2.2
Aberdeen	oim.bc	borbc	borbc		66	47	44				3.9
Malin Head	borbc	borbc	borbc	c	69	57					10.1
Renfrew	eff	cm.bc	borbc	bmoff	74	54	46				4.5
Leith (INCH KEITH)	form	form			69	55	51				
Eskdalemuir	oe	borbc	borbc	borbc	77	53	48				7.5
Tynemouth	borbc	borbc	borbc	mmif	63	55					
Blacksod Point	borbc	borbc	borbc	borbc	77	57					
Donsghadee	bcm	bim	bm	bm	68	56					
Birr Castle	c	c	c	c	77	60	53				5.5
Baldonnell	oa	c	form	borbc	74	50	46	0.2		9.0	4.2
Holyhead	c	borbc	borbc	borbc	73	58	50				7.4
Liverpool (Bidston)	borbc	borbc	borbc	borbc	74	60	53				10.3
Manchester (Alex.Pk.)	c	c	b.f		83	58	52				
Howden	c	c	borbc	form	83	48	52				9.4
Spurn Head	borbc	borbc	borbc								
Nottingham	c	c	borbc		86	56	50				8.0
Cranwell	c	c	borbc	borbc	84	53	50				10.6
Gorleston	borbc	borbc	borbc	ffw o	74	58	54				12.5
Palham	c	c	borbc	oo	86	52	46				11.2
Felixstowe	borbc	borbc	c	borbc	77	57	*				9.5
Valencia (Cahirciveen)	c	cpo.bc	bc.b	bcm	74	55	51	0.1		11.00	6.0
Roches Point	Ro.o.c	borbc	borbc		70	61	*	1			*
Pembroke (St. Ann's H.)	oo	borbc	borbc	borbc	73	61					8.3
Ross-on-Wye	c.bc.c	bcy cy	cpo.cgm	ocb	82	63	56				5.6
Benson	oo	or	c		84	57	50	0.3	trace	15.30	*
S. Farnborough	c	IR	o.o		83	58	53	1.0	trace	17.30	2.2
London (KEW OBS.)	ca. o.c	o.c	o.c	o.c	84	61	56	1		15.30	2.3
Croydon	o.c	o.c	o.c	o.c	83	60	55	0.1		11.00	*
Clacton-on-Sea	bc.	c2	c.bcz	bc3	74	60	56				6.5
Shoeburyness	borbc	c	form		80	57	48				5.5
Grain	c	c	borbc		76	61	48				5.3
Lymington	c	c	c	borbc	81	61	57				6.1
Scilly (St. Mary's)	c	c	borbc	c	73	63					7.5
Falmouth	b.bcz	b2.bcz	bc13	oim	72	63	59				9.0
Plymouth	borbc	oa	borbc	borbc	76	64	*	0.2		15.30	4.5
Portland Bill	borbc	borbc	c	oo	70	63					*
Calshot	p	oa	rand	ford	75	65	63	trace	3	11.00	0.8
Dungeness	c	borbc	c	c	75	63					
Jersey	or	c.o	c	c	78	63		3		11.00	2.0

## Districts.

Forecasts for the 24 hours commencing 15h.G.M.T. Monday 18th July, 1921.

Further Outlook.

1. S.E. England
2. E. England
3. E. Midlands
4. W. Midlands
5. S.W. England
6. South Wales

Light North or North-East wind; fine but possibility of local thundery showers; visibility mainly good, local haze; very warm.

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 variable winds; fine; visibility mainly good, local haze; very warm.

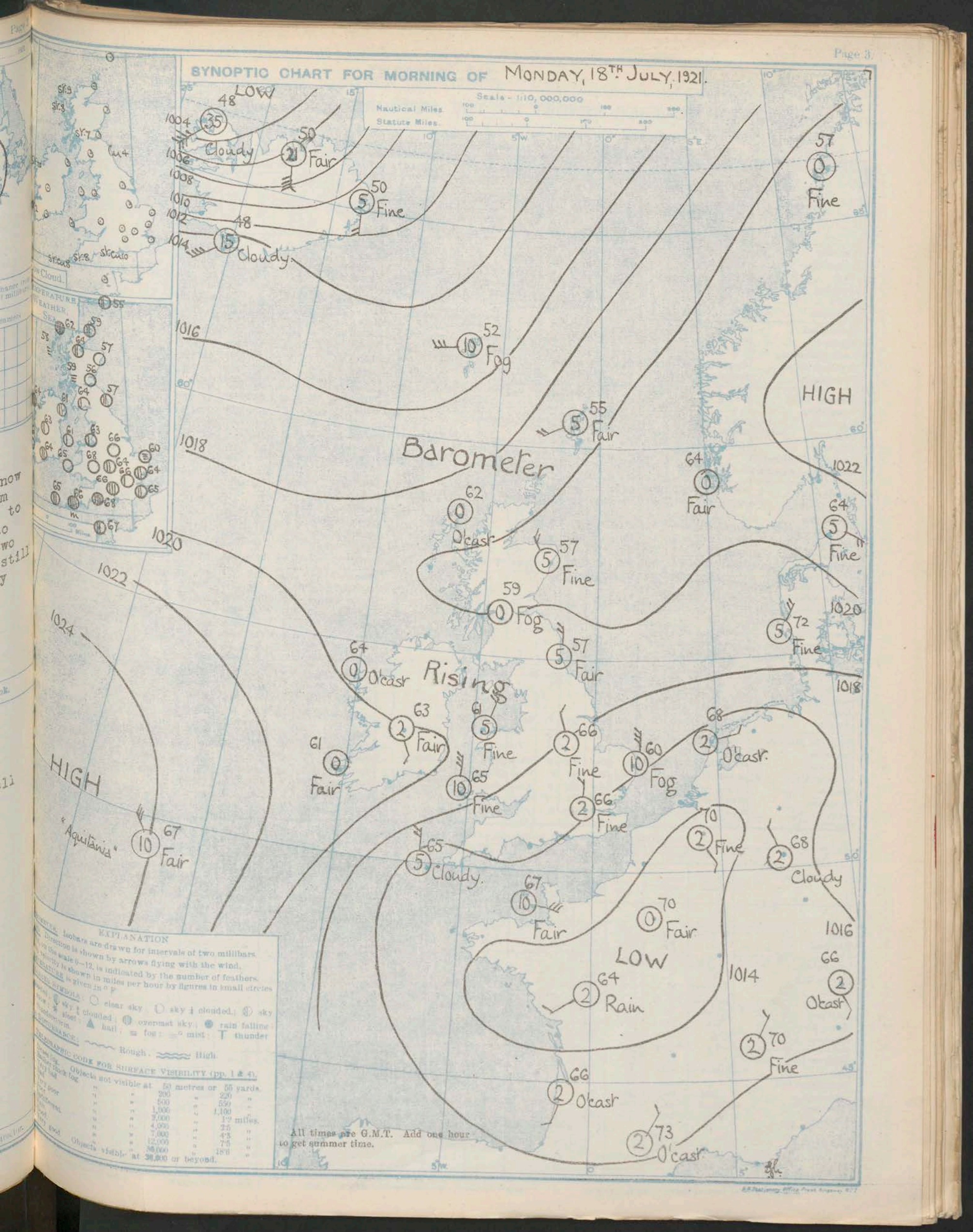
Renewed spell of fine dry weather.



# SYNOPTIC CHART FOR MORNING OF MONDAY, 18<sup>TH</sup> JULY, 1921.

Nautical Miles  
Statute Miles

Scale - 1:10,000,000



Barometer

Rising

LOW

HIGH

HIGH

## 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 number in small circles is given in miles per hour by figures in small circles.

SYMBOLS	Meaning
○	clear sky
◐	sky 1/4 clouded
◑	sky 1/2 clouded
◒	overcast sky
☂	rain falling
☃	hail
☄	fog
☁	mist
⚡	thunder

Rough. High.

CODE FOR SURFACE VISIBILITY (pp. 1 & 4)

Objects not visible at	50 metres or 50 yards
Very poor	200 "
Poor	500 "
Fair	1,000 "
Good	2,000 "
Very good	4,000 "
Excellent	7,000 "
Perfect	12,000 "
Objects visible at 30,000 or beyond	18,000 "

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 18<sup>TH</sup> JULY 1921.

No. 199

STATIONS.	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. m.b.	Change in 3 Hours	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.				
			Direc.	Force						Form.	Amt.	Total Amt.			Direc.	Force						Form.	Amt.	Total Amt.		
																									0-13	0-10
Lerwick ...	1020.1	0	SSW	2	b	54	85	8	-	-	-	0	1019.8	+1	SW	2	bc	55	92	8	-	-	-	-		
Stornoway ...	1019.7	+3	-	0	b	*	*	6	*	*	*	*	1019.4	0	-	0	bc	59	97	6	800	St.	9	A.C.	4	
Wick ...	1018.3	0	-	0	bc	51	97	7	-	-	-	4	1019.1	+1	-	0	bc	58	97	5	5750	St.	8	A.S.	9	
Castlebay ...	...	...	...	...	...	...	...	...	...	...	...	...	1019.3	...	...	...	bc	64	...	...	...	...	...	...		
Nairn ...	...	...	...	...	...	...	...	...	...	...	...	...	1019.3	...	...	...	bc	64	...	...	...	...	...	...		
Aberdeen ...	...	...	...	...	...	...	...	...	...	...	...	...	1020.1	+1	NW	2	b	57	85	8	-	-	-	-		
Malin Head ...	1018.6	+1	SSW	1	b+	60	97	7	-	-	-	0	1019.1	+2	W	1	C+	64	97	6	-	-	0	A.C.	8	
Renfrew ...	1019.2	+1	-	0	fb	55	92	4	2500	St.	1	-	1020.0	+2	-	0	fb	59	92	2	800	St.	7	A.C.	10	
Leith (Inchkeith) ...	...	...	...	...	...	...	...	...	...	...	...	...	1019.8	+3	-	0	fb	56	97	0	-	-	-	-	-	
Reddalemuir ...	1019.5	0	N	1	b	55	85	6	-	-	-	1	1019.7	+1	-	0	b	64	85	7	-	-	-	-	-	
Tynemouth ...	1018.9	0	NNW	1	b	58	85	5	-	-	-	0	1019.6	+1	N	2	bc/f	57	92	6	4000	Cl.	4	A.C.	6	
Blackpool Point ...	1017.9	+3	-	0	p	61	92	7	-	-	-	10	1019.6	+2	-	0	o	64	92	7	450	St.	10	A.C.	4	
Donaghadee ...	...	...	...	...	...	...	...	...	...	...	...	...	1019.5	+2	-	0	bc	61	85	8	-	-	-	-	-	
Birr Castle ...	...	...	...	...	...	...	...	...	...	...	...	...	1019.7	...	SE	1	bc	63	92	7	-	-	-	-	-	
Baldonnell ...	1019.3	...	...	...	fb+	54	97	3	-	-	-	0	1020.2	+1	-	0	bc	61	85	8	-	-	-	-	-	
Holyhead ...	1018.2	0	N	1	b	*	*	8	-	-	-	0	1019.8	+2	NNE	2	b+	61	97	8	-	-	-	-	-	
Liverpool (Bidston) ...	...	...	...	...	...	...	...	...	...	...	...	...	1018.5	+2	NW	2	b	63	85	7	-	-	-	-	-	
Manchester (Alex.Pk.) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	SSE	1	fb	64	65	4	-	-	-	-	-	
Howden ...	1018.3	+1	-	0	b/f	50	97	7	-	-	-	0	1018.2	+2	-	0	fb	61	75	5	-	-	-	-	-	
Spurn Head ...	1018.2	+1	N	4	b	59	75	7	-	-	-	0	1018.6	0	N	4	fb+	59	92	0	450	St.	10	-	-	
Nottingham ...	...	...	...	...	...	...	...	...	...	...	...	...	1018.0	...	NNW	1	b	66	65	5	-	-	-	-	-	
Cranwell ...	1018.0	0	NNW	3	b	57	92	7	-	-	-	1	1018.4	+1	NW	3	b	61	85	6	-	-	-	-	-	
Gorleston ...	1017.0	0	N	1	bc	59	92	7	-	-	-	4	1018.7	0	N	3	fb	60	92	2	-	-	-	-	-	
Pulham ...	1016.3	0	-	0	b	57	92	6	-	-	-	3	1016.5	0	N	1	o	63	85	6	2500	St.	6	A.C.	9	
Felixstowe ...	1017.0	0	N	2	bc	60	85	8	5750	St.	6	6	1016.7	0	N	2	bc	63	85	7	-	-	St.	1	A.C.	5
Valencia (Cahiroiveen) ...	1019.9	+4	-	0	b	63	*	8	-	-	-	3	1020.8	+2	-	0	bc	61	97	7	450	St.	2	A.C.	7	
Roches Point ...	...	...	...	...	...	...	...	...	...	...	...	...	1020.5	+2	NNW	2	c	64	85	8	-	-	-	-	-	
Pembroke (St. Ann's H.) ...	1017.5	0	N	3	b	63	85	5	-	-	-	0	1018.5	+2	N	3	b	65	85	8	-	-	-	-	-	
Ross-on-Wye ...	...	...	...	...	...	...	...	...	...	...	...	...	1017.8	+3	N	1	b	68	65	6	-	-	-	-	-	
Benson ...	...	...	...	...	...	...	...	...	...	...	...	...	1017.1	+3	N	2	bc	64	85	6	-	-	-	-	-	
S. Farnborough ...	...	...	...	...	...	...	...	...	...	...	...	...	1016.7	+2	ENE	2	c	66	85	8	-	-	-	-	-	
London (Kew Obsy.) ...	...	...	...	...	...	65	*	*	-	-	-	...	1017.2	+3	N	1	b	66	75	6	-	-	-	-	-	
Croydon ...	1016.1	0	-	0	C+	62	85	8	-	-	-	8	1017.0	+2	NE	2	c	66	65	5	-	-	-	-	-	
Clacton-on-Sea ...	...	...	...	...	...	...	...	...	...	...	...	...	1015.9	0	NW	3	bc	64	75	6	-	-	-	-	-	
Shoeburyness ...	...	...	...	...	...	...	...	...	...	...	...	...	1016.2	0	NNE	1	fb-w	65	65	5	-	-	-	-	-	
Grain ...	...	...	...	...	...	...	...	...	...	...	...	...	1016.7	+1	NNE	3	bc	67	75	7	-	-	-	-	-	
Lymington ...	1015.3	0	ENE	2	c	63	85	8	2500	St.	5	7	1015.5	+1	NNE	4	bc	66	85	6	-	-	-	-	-	
Scilly (St. Mary's) ...	1015.8	+1	NNE	2	b	64	97	8	-	-	-	1	1015.1	+1	N	2	C+	65	97	7	4000	St.	8	A.C.	9	
Falmouth ...	...	...	...	...	...	...	...	...	...	...	...	...	1016.7	+4	NW	2	fb	66	85	6	2500	St.	8	A.C.	6	
Plymouth ...	1015.6	0	-	0	o	64	85	8	2500	St.	4	7	1016.2	+2	-	0	bc	70	75	8	5750	St.	5	A.C.	10	
Portland Bill ...	1014.8	0	E	4	bc	63	85	8	1500	St.	5	5	1016.3	+3	NE	4	o+	68	85	8	4000	St.	10	A.C.	8	
Calshot ...	1014.7	-2	NW	3	o	67	85	9	2500	St.	10	10	1016.1	+2	NW	2	c	70	85	8	-	-	-	-	-	
Dungeness ...	1014.9	+1	N	2	c	65	85	9	4000	Cl.	8	8	1015.4	+1	N	1	bc	65	85	7	-	-	-	-	-	
Jersey 7h ...	1014.6	+1	NNE	3	c	62	92	8	7250	St.	4	8	1014.5	0	ESE	3	bc	67	85	8	-	-	-	-	-	
Guernsey 1h ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 17<sup>TH</sup> JULY

STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.	
		Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night 12h-17h.	Day 17h-17h.	Sunrise to 17h.	Sunrise to Sunset.			Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night 12h-17h.	Day 17h-17h.	Sunrise to 17h.	Sunrise to Sunset.
						mm.	mm.	hr.	hr.							mm.	mm.	hr.	hr.
Banff ...	...	o.c. bc	c	74	55	-	-	2.0	1.3	Paignton ...	...	bc.c	o.bc	71	61	-	-	4.5	2.3
Montrose ...	...	c.	bc	62	55	0.5	-	4.6	2.8	Hilfracombe ...	...	o.c. bc	bc.c.o	69	63	0.1	-	2.9	1.3
Llandudno ...	...	c. bc	b	73	61	1	-	6.6	4.7	Bude ...	...	c	p	75	61	1	0.4	7.0	2.5
Golwyn Bay ...	...	b	b	72	60	-	-	7.4	3.0	Penzance ...	...	bc	bc	74	62	-	-	3.2	4.2
Rhyl ...	...	c. bc	b	72	59	0.4	-	7.8	3.6	Torquay ...	...	b. bc.	c	71	62	-	-	5.1	3.0
Southport ...	...	bc.c. bc	bc. b	73	58	-	-	9.2	3.2	Weymouth ...	...	bc	bc	79	61	-	-	1.0	1.0
Blackpool ...	...	c. bc	b	79	59	0.2	-	8.3	3.1	Bournemouth ...	...	o	o	77	58	-	-	1.0	1.0
Harrogate ...	...	bc	bc.c	80	56	3	-	9.2	4.4	Portsmouth (S. Shees.) ...	...	o	o	78	61	-	-	3.8	1.3
Skegness ...	...	b.	b	70	54	-	-	10.2	6.5	Worthing ...	...	c. bc	bc	78	60	-	-	3.3	1.6
Aberystwyth ...	...	b. bc.c.c.	o.c.	81	58	-	-	1.8	4.5	Brighton ...	...	o. bc.	o. bc.	76	61	-	-	1.6	1.3
Bath ...	...	bc	bc	74	60	-	-	10.5	?	Eastbourne ...	...	c	o.c.o	74	60	-	-	1.4	1.3
Leamington Spa ...	...	bc	bc	76	61	-	-	9.5	11.6	Hastings ...	...	o. bc.c	o.o	78	61	-	-	7.3	1.3
Lowestoft ...	...	b. bc	bc	76	59	-	-	8.5	11.8	Folkestone ...	...	bc.	bc	78	56	-	-	3.5	1.3
Felixstowe ...	...	b. bc	bc	76	59	-	-	8.5	11.8	Tunbridge Wells ...	...	o.c.	bc. b	82	56	-	-	7.8	1.3
Southend ...	...	b. bc	bc	76	59	-	-	8.5	11.8	Ramsgate ...	...	b	b	76	59	-	-	7.4	1.3
										Margate ...	...	bc. b.	b. bc.c	75	60	-	-	-	-
										Deal ...	...								

\* Information for these columns not usually received

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

‡ For code see page 1.

§ See footnote page 1.



## AIR MINISTRY.

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

BRITISH SECTION.

No. B.21739.

TUESDAY 19th JULY 1921.

Page 1.

STATIONS.	Observations at 1500 G.M.T. 18th JULY													Observations at 1800 G.M.T. 18th JULY																		
	Barom. at M.S.L. Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. Miles.	Height of Low Cloud. Feet.	Cloud.			Sea.	Barom. at M.S.L. Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. Miles.	Height of Low Cloud. Feet.	Cloud.			Sea.								
		Dirac.	Force.						Form.	Amt.	Form.			Amt.	Form.						Amt.	Form.	Amt.									
																									0-12	0-10	0-10	0-10	0-10	0-10	0-10	0-10
m.b.	0-12	0-10	0-10	0-9	0-9	0-9	0-9	0-10	0-10	0-9	m.b.	0-12	0-10	0-10	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9									
Lerwick	1019.8	+1	SW	2	bc	60	85	8	-	-	ASR	4	1020.6	0	W	1	orl	57	92	7	5750	CuNb	10	-	10	0						
Stornoway	1020.3	0	SW	1	bc	64	86	8	225	SK	10	1020.9	0	SW	1	orl	60	97	8	450	SK	10	-	10	0							
Wick	1020.4	+2	-	0	c	62	92	6	-	-	ASR	8	1020.9	+1	NW	1	orl	59	97	6	800	SK	10	-	10	0						
Castlebay	1021.6	0	-	0	pi	60	92	8	2500	SK	10	1021.8	0	-	0	orl	60	97	3	450	Nb	10	-	10	0							
Nairn	1020.7	0	E'S	2	bc	67	75	8	-	-	-	2	1020.5	-	-	0	Y	61	-	-	-	-	-	-	-	-						
Aberdeen	1020.7	0	E'S	2	bc	67	75	8	-	-	-	2	1020.2	-1	E'S	1	orl	61	85	8	4000	SK	9	-	9	0						
Malin Head	1021.1	+2	NW	1	0	64	97	7	4000	St.Cu	9	-	1021.2	0	-	0	orl	62	97	7	450	SK	10	-	10	0						
Renfrew	1019.6	-2	WNW	2	bc	77	55	7	1500	CuNb	1	-	1019.9	0	ENE	3	0	71	65	8	2500	SK	8	ASR	10	0						
Leith (Inchkeith)	1019.8	0	NE	1	bc	64	75	7	-	-	-	2	1019.9	-1	NE	3	bc	60	92	9	-	-	-	-	-	2						
Edinburgh	1019.0	-1	SE	1	bc	78	45	7	4000	Cu	5	-	1018.8	0	-	0	0	76	55	7	4000	Cu	10	-	10	0						
Tynemouth	1019.9	0	NNE	2	bc	62	85	2	-	-	-	0	1019.4	0	-	0	b/f	65	75	7	-	-	-	-	0	0						
Blackod Point	1021.1	+2	W	1	0	68	85	5	450	SK	10	-	1021.3	0	SW	1	bc	66	92	5	450	SK	10	-	10	0						
Donaghadee	1020.1	0	NNE	2	bc	70	65	8	-	-	-	2	1020.4	0	WNW	2	orl	62	75	8	-	-	-	-	-	1						
Birr Castle	1020.4	0	W	1	bc	78	75	7	4000	SK	5	-	1020.4	0	W	1	orl	77	75	7	4000	SK	9	-	9	0						
Baldonnell	1020.3	-2	NW	2	bc	73	65	8	4000	Cu	5	-	1020.7	0	-	0	0	76	55	8	4000	Cu	3	ASR	9	0						
Holyhead	1020.3	0	NW	2	bc	64	92	8	-	-	-	7	1020.1	0	NW	2	bc	66	85	8	-	-	-	-	-	0						
Liverpool (Bidston)	1019.4	-1	WNW	2	bc	68	75	7	-	-	-	6	1019.1	0	WNW	3	bc	68	75	7	-	-	-	-	-	3						
Manchester (Alex.Pk.)	1019.4	-1	NW	1	bc	84	45	6	4000	Cu	8	-	1019.7	0	W	2	bc	77	55	6	4000	Cu	7	-	7	0						
Howden	1018.0	0	ENE	3	bc	83	35	7	-	-	-	1	1018.1	0	NE	2	bc	77	55	7	4000	SK	1	ASR	3	0						
Spurn Head	1019.2	+1	N	4	bc	85	85	7	-	-	-	4	1019.0	0	N	5	bc	66	85	8	-	-	-	-	-	1						
Nottingham	1019.2	0	NE	2	bc	83	45	6	4000	Cu	1	-	1019.1	0	NE	3	bc	78	45	6	4000	Cu	1	ASR	2	0						
Gravelly	1019.3	-1	N'E	3	bc	80	45	7	4000	Cu	1	-	1019.7	0	N'E	3	bc	75	45	8	4000	Cu	1	-	1	0						
Gorleston	1019.4	+1	NE	4	bc	67	75	7	-	-	-	10	1019.0	-1	NE	3	bc	70	65	8	-	-	-	-	-	0						
Pulham	1019.2	0	NE	2	bc	80	55	8	5750	SK	4	-	1019.3	0	NE	3	bc	74	65	8	-	-	-	-	-	0						
Felixstowe	1018.8	-1	N'E	3	bc	70	75	7	5750	Cu	1	-	1018.1	0	NNE	3	bc	76	55	8	-	-	-	-	-	1						
Valencia (Cahirciveen)	1022.6	+1	NW	3	bc	72	75	9	4000	Cu	1	-	1022.8	0	NW	3	bc	71	65	9	-	-	-	-	-	0						
Roche's Point	1021.5	0	NW	2	bc	78	65	8	1500	Cu	7	-	1021.4	0	NW	2	bc	76	65	8	-	-	-	-	-	0						
Pembroke (St. Ann's H.)	1019.7	0	N	3	bc	76	65	9	-	-	-	5	1019.9	0	N	3	bc	75	65	9	-	-	-	-	-	0						
Rose-on-Wye	1019.1	-1	NE	3	bc	85	45	7	4000	Cu	2	-	1018.5	-1	NNE	4	bc	82	55	7	4000	Cu	3	-	3	0						
Benson	1019.4	-2	N	3	bc	85	35	8	-	-	-	0	1018.5	-1	NNE	3	bc	84	35	8	-	-	-	-	-	0						
S. Farnborough	1018.8	0	NE	2	bc	83	35	8	-	-	-	4	1018.7	-1	NNE	2	bc	83	35	8	4000	Cu	1	-	1	0						
London (Kew Obsy.)	1018.2	-1	NNE	3	bc	82	35	8	-	-	-	0	1018.6	0	NNE	3	bc	83	35	8	-	-	-	-	-	0						
Croydon	1018.9	-1	N	3	bc	82	35	7	5750	Cu	2	-	1018.2	-1	N	3	bc	82	35	6	5750	Cu	1	-	1	0						
Clacton-on-Sea	1018.3	0	E'S	2	bc	76	55	6	5750	SK	1	-	1018.5	-2	NE	3	bc	72	55	6	5750	SK	1	-	1	0						
Shoeburyness	1018.0	0	ENE	3	bc	77	55	7	-	-	-	4	1018.9	+1	ENE	4	bc	70	75	8	4000	CuNb	3	-	3	0						
Grain	1018.2	0	NNE	4	bc	79	55	8	7250	SK	3	-	1018.8	-1	NNE	5	bc	76	65	7	-	-	-	-	-	0						
Lymington	1019.4	+1	N'E	3	bc	70	85	8	-	-	-	1	1019.3	+1	N'E	2	bc	71	75	8	-	-	-	-	-	0						
Scilly (St. Mary's)	1019.9	+2	NW	2	bc	82	55	7	-	-	-	4	1018.3	0	NW	3	bc	76	55	7	-	-	-	-	-	0						
Plymouth	1017.2	-1	S	1	bc	73	65	8	-	-	-	2	1017.2	-1	S	1	bc	73	65	8	-	-	-	-	-	0						
Portland Bill	1016.7	+1	WSW	1	bc	70	75	7	-	-	-	2	1016.7	0	-	0	bc	70	75	7	-	-	-	-	-	0						
Calshot	1016.4	0	ENE	1	bc	74	65	7	-	-	-	4	1016.9	-1	NW	3	bc	84	35	8	-	-	-	-	-	0						
Dunegesa	1016.3	0	N	5	bc	70	75	8	-	-	-	9	1016.4	0	N	2	bc	76	55	8	-	-	-	-	-	0						
Jersey	1016.3	0	N	5	bc	70	75	8	-	-	-	9	1016.4	0	N	2	bc	76	55	8	-	-	-	-	-	0						

LONDON OBSERVATIONS.	WEATHER.		TEMPERATURE.		RAIN-FALL.	SUNSHINE.	HUMIDITY.		ATMOSPHERIC POLLUTION.	SOLAR RADIATION.	POLE STAR RECORD at Greenwich Obsy.
	Morning.	Afternoon.	Max.	Min.			15h.	Ph.			
	24 HOURS ENDED 0900 G.M.T.	24 HOURS ENDED 0900 G.M.T.	°F.	°F.	Day.	Night.	to Sunset.	G.M.T.	Lbs. of Solid Impurity per million cubic yards.	Vertical component per square centimetre.	Exposure from 18th 21st h. 30 m.
Kew	bc by	bc	88	61	53	-	12.4	33	45	During yesterday.	18th 21st h. 30 m.
Croydon	bc by	bc	88	61	53	-	12.5	33	45	South Kensington.	19th 21st h. 30 m.
Greenwich (Royal Obsy.)	bc	bc	88	61	53	-	12.7	37	43	Total 2258 joules	Stars Exposure Record.
City (Bankhill Bow)	bc	bc	87	63	57	-	11.5	35	43	Average Rate	h. m. h. m. %
Westminster (St. James' Pk.)	bc	bc	89	61	58	-	35 (18h)	46	0.4	Maximum Rate	Polaris 5.0 4.12 84
Regents Pk. (Botanical Gdns.)	bc	bc	87	60	55	-	38 2	46	0.9	12.20 Milliwatts.	Ursae 5.0 3.49 75
Camden Sq. (Brit. Rainfall)	bc	bc	87	60	55	-	14.0	45	0.9	12.20 Milliwatts.	Minoris
Kensington Palace	bc	bc	87	60	55	-	14.0	45	0.9	12.20 Milliwatts.	
Hamstead Observatory	bc	bc	87	60	55	-	14.0	45	0.9	12.20 Milliwatts.	

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.				BEAUFORT NOTATION OF WEATHER.				SEA DISTURBANCE.			
STATIONS.	Sunrise.	Noon.	Sunset.	b	bc	c	d	0	1	2	3
Yarmouth	3.52	11.59	8.5	blue sky (not more than a quarter covered).	blue sky partly cloudy (one half covered).	generally cloudy (three-quarters covered).	drizzle, or fine rain.	no swell	mod. swell	heavy swell	very heavy swell
Greenwich	3.54	11.59	8.4	hail. KQ line squall. lightning.	mist.	passing showers.	sleet. i.e. rain and snow together.	calm or slight sea.	mod. swell	heavy swell	very heavy swell
Wick	3.57	12.18	8.59	rain.	thunder.	thunder.	thunder.	moderate sea.	mod. swell	heavy swell	very heavy swell
Valencia	3.39	12.19	8.57	thunder.	thunder.	thunder.	thunder.	rough sea.	mod. swell	heavy swell	very heavy swell
	4.04	12.47	8.50	thunder.	thunder.	thunder.	thunder.	very rough sea.	mod. swell	heavy swell	very heavy swell
	4.06	12.47	8.49	thunder.	thunder.	thunder.	thunder.	mountainous sea.	mod. swell	heavy swell	very heavy swell

\* Information for these columns not usually recorded.

† The barometric change is ex. rounded to half millibars.

‡ For code see page 5.



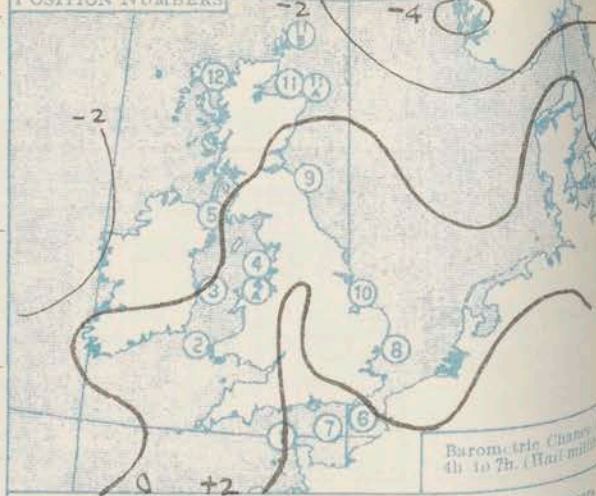
## SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN. Hours.
	7h-13h.	13h-18h.	18h-13h.	1h-7h.	MAX. Day.	MIN. Night.	MIN. on GRASS.	Day. 7h-13h.	Night. 13h-7h.	Precipi- tation began.	
	19th.	19th.	to 19th.	19th.	7h-13h.	13h-7h.					
Lerwick ...	ba bc	oo cl	oo	6-8 f	62	51	0	-	4	-	0
Sornoway ...	ra id	ra id	ra id	form	65	57	0	5	4	-	0.7
Wick ...	ba bc	ra id	form	6-8 f	66	53	0	1	8	1730	0.0
Castlebay ...	oipom	pm m	pm m	6-8 f	62	57	0	3	1	1330	0.0
Nairn ...	bunc	cpnu	ra id	mo	76	58	0	8	0	0	6.1
Aberdeen ...	ba bc	c	ra id		69	57	55	-	1	2200	9.7
Malin Head ...	c	ra id	oo	oplm	80	60	0	3	0	1230	
Renfrew ...	ba bc	ra id	oo	oplm	80	60	59	-	TRACE	2400	7.4
Leith (UNCLERED) ...	form	ba bc	oo	oo	72	56	56	-	2	0230	
Eskdalemuir ...	ba bc	oo	oo	oido	73	59	59	-	0.1	0530	7.9
Tynemouth ...	bemf	bf	form	ivom	67	58	0	-	TRACE	0530	
Blackrod Point ...	oo	oo	oo	ra id	70	62	0	Trace	0.5	1700	0
Donaghadee ...	ba im	ba	omp		71	57	0	-	0.4	-	0
Birr Castle ...	c	p	c o		81	63	60	0.2	-	1530	5.8
Baldonnell ...	c	oo	ita	oo	80	63	62	-	0.2	-	5.8
Holyhead ...	ba c	c	com o	opco	67	59	58	-	0.4	-	12.1
Liverpool (Bidston) ...	ba bc	ba bc	c		76	60	56	-	-	-	12.0
Manchester (Alex.Pk.) ...	bba c	c	ita	ra id	85	69	55	-	0.1	0530	
Howden ...	ba bc	ba bc	ba bc	oo	83	51	43	-	-	-	13.9
Spurn Head ...	ba bc	ba bc	ba bc	ba bc	66	57	0	-	-	-	13.9
Nottingham ...	ba bc	ba bc	oo		85	57	53	-	-	-	13.2
Cranwell ...	lm	ba bc	ba bc	c	80	55	48	-	-	-	6.2
Gorleston ...	qbcm	ba bc	c	bcumc	73	57	55	-	-	-	10.7
Pulham ...	ba bc	ba bc	p	oo	82	56	55	-	-	-	8.6
Felixstowe ...	ba bc	ba bc	c	ba bc	80	58	55	-	-	-	
Valencia (Cahirciveen) ...	ba bc	ba bc	ba bc	ba bc	73	59	55	-	-	-	11.4
Roches Point ...	c	c	c		79	63	0	-	-	-	
Pembroke (St. Ann's H.) ...	ba bc	ba bc	ba bc	c	76	60	0	-	-	-	12.2
Ross-on-Wye ...	ba bc	ba bc	ba bc	ba bc	88	61	55	-	-	-	11.3
Benson ...	ba bc	ba bc	ba bc		87	54	47	-	-	-	12.1
S. Farnborough ...	ba bc	ba bc	ba bc	ba bc	85	55	50	-	-	-	12.4
London (Mare Street) ...	ba bc	ba bc	ba bc	ba bc	86	61	51	-	-	-	
Croydon ...	ba bc	ba bc	ba bc	ba bc	84	58	53	-	-	-	
Clacton-on-Sea ...	ba bc	ba bc	ba bc	ba bc	76	59	58	-	-	-	10.0
Shoeburyness ...	ba bc	ba bc	ba bc	ba bc	79	58	52	-	-	-	12.2
Grain ...	ba bc	ba bc	ba bc	ba bc	77	57	45	-	-	-	12.7
Lymington ...	ba bc	ba bc	c	ba bc	80	61	56	-	-	-	12.9
Scilly (St. Mary's) ...	ba bc	ba bc	ba bc	ba bc	72	61	0	-	-	-	11.0
Falmouth ...	ba bc	ba bc	ba bc	ba bc	83	63	58	-	-	-	8.1
Plymouth ...	ba bc	ba bc	ba bc	ba bc	80	63	0	-	-	-	8.6
Portland Bill ...	ba bc	ba bc	ba bc	ba bc	73	63	0	-	-	-	
Calshot ...	ba bc	ba bc	ba bc	ba bc	89	63	62	-	-	-	11.1
Dungeness ...	ba bc	ba bc	c	ba bc	77	61	0	-	-	-	5.7
Jersey ...	ba bc	ba bc	ba bc	ba bc	76	65	0	-	-	-	

IN ALLOBARIS

19th July

POSITION NUMBERS



Temperature reported from Cross Channel and Coastal Steamers

Position Number	1	6
Date	18th 19th	
Time G.M.T.	137 0215	
Sea °F	59	61
Air °F	50	64

## GENERAL INFERENCE.

The belt of high pressure crossing the British Isles will maintain fine and very warm weather over the Southern districts. In the North small secondary depressions will cause further local rain or showers.

## Districts.

Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday 19th July, 1921.

## 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

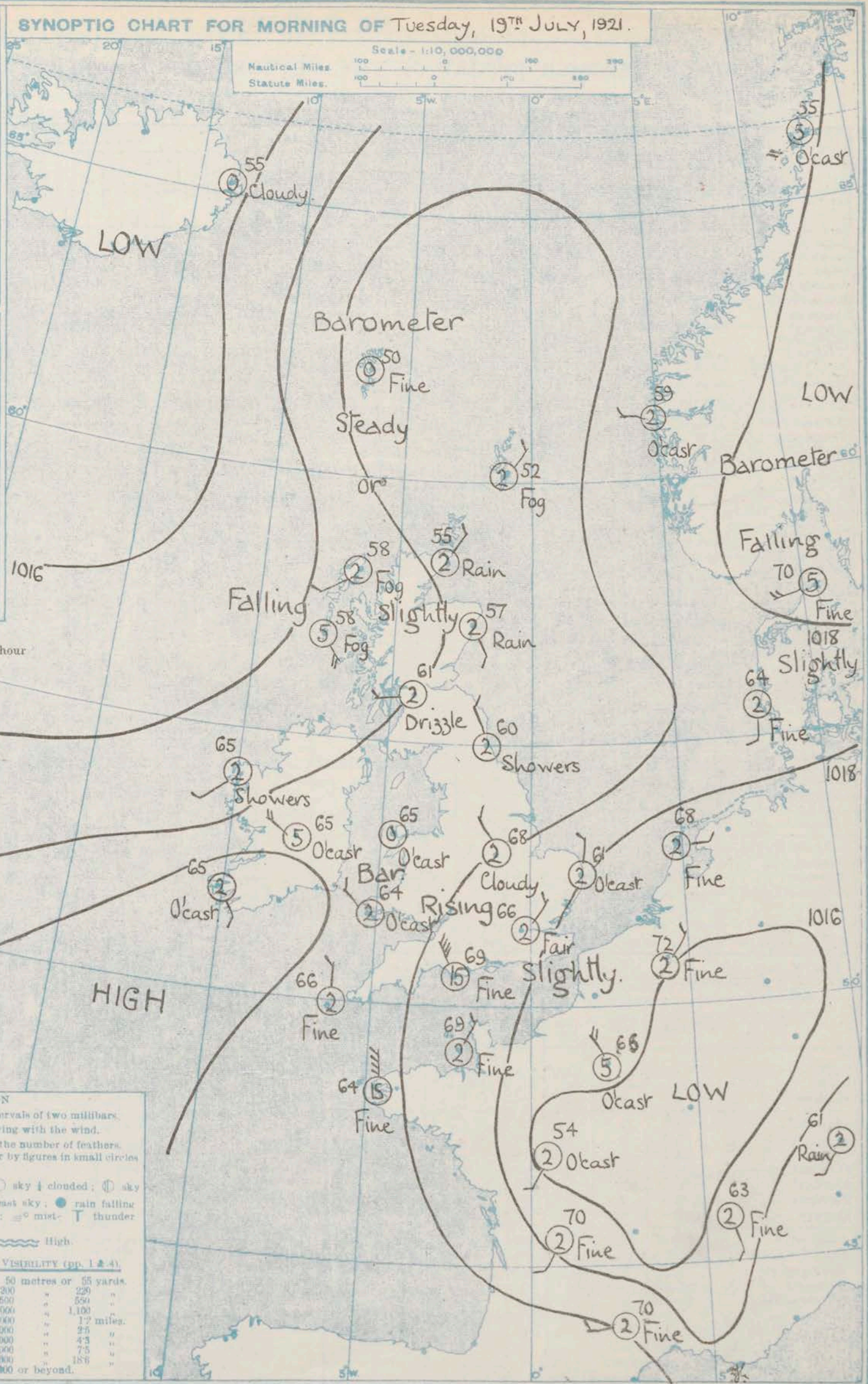
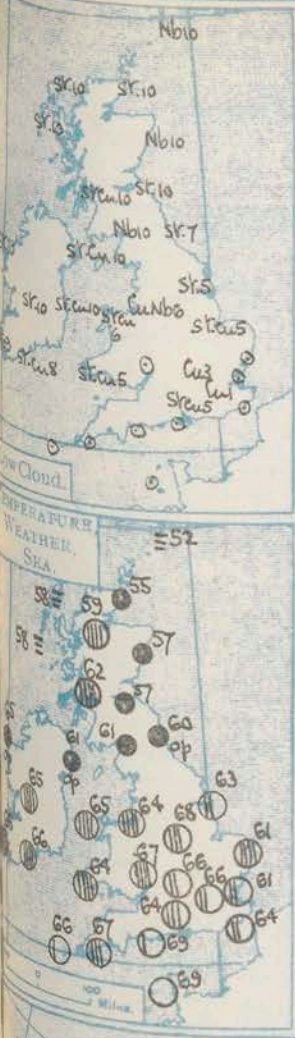
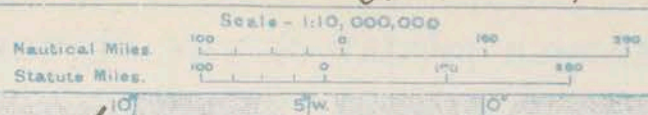
Light Northerly winds; fine; visibility mainly good; very warm.

Wind light Southwesterly or variable; cloudy, local showers or slight rain; visibility fair but local mist; temperature lower.

Continuing fine and very warm in the South; outlook doubtful for the North.



# SYNOPTIC CHART FOR MORNING OF Tuesday, 19<sup>th</sup> July, 1921.



**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 & clouded    ☉ sky & clouded

☉ sky & clouded    ☉ overcast sky    ☉ rain falling

☉ rain falling    ☉ hail    ☉ fog    ☉ mist    ☉ thunder

**TELEGRAPHIC CODE FOR SURFACE VISIBILITY (pp. 1 & 4).**

Objects not visible at	50 metres or 55 yards.
"	300 "
"	500 "
"	1,000 "
"	2,000 "
"	4,000 "
"	7,000 "
"	12,000 "
"	20,000 "
Objects visible at	30,000 or beyond.



## AIR MINISTRY.

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

Page 4.

BRITISH SECTION. TUESDAY 19TH JULY

1921.

No. 200.

STATIONS.	Observations at 0100 G.M.T., 19TH JULY.													Observations at 0700 G.M.T., 19TH JULY.												
	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. of.	Humidity. %	Visibility. 0-8	Height of Low Cloud. Feet	Cloud.			Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. of.	Humidity. %	Visibility. 0-8	Height of Low Cloud. Feet	Cloud.				
			Direc.	Force						Form.	Amt.	Form.			Amt.	Direc.						Force	Form.	Amt.		
																									0-12	0-10
Lerwick	1020.2	0	-	0	fo	55	97	4	-	Nb	10	-	10	1020.5	-2	NE	1	fo	52	97	1	1500	Nb	10	-	10
Stornoway	1022.4	0	-	0	o/r	55	97	4	-	Nb	10	-	10	1019.9	-1	SW	1	fo	58	97	3	450	St	10	-	10
Wick	1020.7	0	-	0	fo	57	97	4	450	St	10	-	10	1020.1	-1	NE	1	fo	55	97	2	450	St	10	-	10
Castlebay	1020.7	0	-	0	fo	57	97	4	450	St	10	-	10	1019.2	0	SE	2	fo	58	97	4	800	St	10	-	10
Nairn	1020.7	0	-	0	fo	57	97	4	450	St	10	-	10	1018.7	0	-	0	oam	59	97	4	800	St	10	-	10
Aberdeen	1020.7	0	-	0	fo	57	97	4	450	St	10	-	10	1020.9	0	SSE	1	oam	57	85	7	1500	Nb	10	-	10
Malin Head	1020.7	0	-	0	o	62	92	8	2500	St	8	A. St	10	1020.3	0	WNW	1	o	62	85	6	1500	St	10	-	10
Renfrew	1020.7	0	-	0	o	62	92	8	2500	St	8	A. St	10	1020.2	0	E	1	o	57	97	6	-	St	10	-	10
Leith (Inchkeith)	1020.7	0	-	0	o	62	92	8	2500	St	8	A. St	10	1020.4	0	W	1	o	61	85	6	1500	Nb	10	-	10
Eskdalemuir	1020.6	0	-	0	o	63	85	6	4000	St	10	-	10	1020.4	0	W	1	o	61	85	6	1500	Nb	10	-	10
Tynemouth	1020.2	0	-	0	fo	62	92	4	-	-	-	A. St	10	1020.3	+1	NNW	1	o	60	85	5	4000	St	7	A. St	10
Blacksod Point	1021.0	-1	SW	2	pt	65	92	5	450	St	10	-	10	1018.6	-3	SW	1	o	65	97	4	450	St	10	-	10
Donsghadee	1021.0	-1	SW	2	pt	65	92	5	450	St	10	-	10	1020.4	0	-	0	o	61	97	8	4000	St	10	-	10
Birr Castle	1021.0	-1	SW	2	pt	65	92	5	450	St	10	-	10	1021.9	0	WNW	2	o	65	97	7	450	St	10	-	10
Haldonuell	1022.3	+1	-	0	o	65	92	5	1500	St	10	-	10	1021.9	0	SW	2	o	65	85	8	1500	St	10	-	10
Holyhead	1021.2	+1	N'E	3	o	65	92	5	1500	St	10	-	10	1021.1	0	-	0	o	65	85	8	4000	St	6	A. St	10
Liverpool (Bidston)	1021.2	+1	N'E	3	o	65	92	5	1500	St	10	-	10	1020.5	+1	WNW	3	o	64	75	9	1500	St	6	A. St	10
Manchester (Alex. Pk.)	1021.2	+1	N'E	3	o	65	92	5	1500	St	10	-	10	1020.4	+2	SW	2	o	64	92	4	-	-	-	-	-
Howden	1020.1	+1	-	0	bc	51	85	6	-	-	-	A. St	4	1019.7	+1	NW/N	1	o	64	65	6	4000	St	5	A. St	10
Spurn Head	1019.9	0	N	3	b	57	85	7	-	-	-	-	0	1020.6	+1	N	1	bc	63	85	7	1500	St	2	A. St	10
Nottingham	1019.9	0	N	3	b	57	85	7	-	-	-	-	0	1019.8	0	NNW	1	bc	68	85	5	2500	St	5	A. St	10
Cranwell	1020.1	0	NW/N	4	b	57	85	8	-	-	-	-	0	1020.1	+1	NW/N	3	c	61	65	7	4000	St	4	A. St	10
Gorleston	1017.4	0	N	3	o	60	92	7	-	-	-	A. St	10	1017.9	0	N	1	c	61	92	6	-	-	-	-	-
Pulham	1017.8	0	NNW	1	b/r	60	97	6	4000	St	1	-	1	1018.1	0	NNW	1	bc	65	75	7	4000	St	3	A. St	10
Felixstowe	1017.5	0	NW	2	bc	63	75	8	2500	St	5	-	5	1018.3	+1	NNW	3	bc	65	75	8	-	-	-	-	-
Valencia (Cahirciveen)	1024.6	0	-	0	bc	64	85	8	-	-	-	-	-	1022.7	0	SE	1	o	65	92	8	800	St	10	-	10
Roche Point	1024.6	0	-	0	bc	64	85	8	-	-	-	-	-	1023.0	+1	NW	2	o	66	85	8	4000	St	5	A. St	10
Pembroke (St. Ann's H.)	1021.6	+1	NNW	3	bc	62	85	9	-	-	-	A. St	4	1021.7	+1	NNW	1	c	64	92	8	7250	St	5	A. St	10
Ross-on-Wye	1021.6	+1	NNW	3	bc	62	85	9	-	-	-	A. St	4	1020.3	+1	NE	1	o	67	75	7	-	-	-	-	-
Beneen	1021.6	+1	NNW	3	bc	62	85	9	-	-	-	A. St	4	1019.3	+1	NNE	2	bc	66	65	8	-	-	-	-	-
S. Farnborough	1021.6	+1	NNW	3	bc	62	85	9	-	-	-	A. St	4	1019.5	+3	NNW	2	c	64	65	8	4000	St	5	A. St	10
London (Kew Obsy.)	1021.6	+1	NNW	3	bc	62	85	9	-	-	-	A. St	4	1019.4	+1	NE	1	bc	66	55	7	4000	St	1	A. St	10
Croydon	1018.5	0	-	0	b	63	75	7	-	-	-	A. St	1	1018.4	+1	NNW	2	bc	65	65	7	-	-	-	-	-
Clacton-on-Sea	1018.5	0	-	0	b	63	75	7	-	-	-	A. St	1	1018.0	+3	NW	3	bc	61	85	7	-	-	-	-	-
Shoeburyness	1018.5	0	-	0	b	63	75	7	-	-	-	A. St	1	1018.2	+2	N	1	bc	64	75	5	-	-	-	-	-
Grain	1018.5	0	-	0	b	63	75	7	-	-	-	A. St	1	1018.7	+2	WNW	3	b	64	85	8	-	-	-	-	-
Lympne	1016.5	0	N'E	3	c	63	85	8	4000	St	8	-	8	1017.7	+3	N	4	bc	65	85	7	-	-	-	-	-
Seilly (St. Mary's)	1021.0	+1	-	0	b	64	97	8	-	-	-	-	0	1021.3	0	N	1	b	66	97	8	-	-	-	-	-
Falmouth	1021.0	+1	-	0	b	64	97	8	-	-	-	-	0	1021.2	+1	NW	3	c	67	75	7	-	-	-	-	-
Plymouth	1019.8	0	-	0	b	66	65	8	-	-	-	-	0	1020.4	+1	-	0	c	67	75	8	5750	St	15	-	-
Portland Bill	1019.5	+2	NNE	4	b	67	85	7	-	-	-	-	0	1018.5	+2	N	4	b	69	75	7	-	-	-	-	-
Calshot	1018.0	+2	NW	2	b	67	85	8	-	-	-	-	0	1019.3	+2	NNW	2	c	68	65	8	-	-	-	-	-
Dungeness	1016.7	0	NNE	3	bc	64	85	8	-	-	-	A. St	5	1017.8	+2	N	2	bc	64	85	8	-	-	-	-	-
Jersey Th.	1018.4	+1	NNW	4	fb	67	75	6	-	-	-	-	0	1018.7	+1	NE	1	b	69	75	8	-	-	-	-	-
Guernsey Th.	1018.4	+1	NNW	4	fb	67	75	6	-	-	-	-	0	1018.7	+1	NE	1	b	69	75	8	-	-	-	-	-
WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR MON. JULY 18TH.																										
STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.										
	Fore-noon.	After-noon.	Max. Day.	Min. Night.	Night 12h-9h.	Day 9h-12h.	Sunrise to 17h.	Sunset to 17h.		Fore-noon.	After-noon.	Max. Day.	Min. Night.	Night 12h-9h.	Day 9h-12h.	Sunrise to 17h.	Sunset to 17h.									
Banff	bc	co	71	52	-	-	9.1	2.0	Paignton	bc	bc	83	64	0.3	-	8.5	3.1									
Montrose	b	b	65	45	-	-	10.0	6.7	Ilfracombe	b	b	75	62	-	-	10.6	5.7									
Llandudno	b	b	67	54	-	-	11.5	8.9	Bude	b	b	83	60	-	-	8.2	9.4									
Colwyn Bay	b	b	76	57	-	-	11.3	9.2	Penzance	bc	bc	79	65	-	-	6.8	4.0									
Rhyl	bbc	b	72	54	-	-	10.5	8.3	Torquay	o2c	bc2r	83	69	0.3	-	6.7	6.6									
Southport	bbc	bbc	72	59	-	-	10.6	11.5	Weymouth	bc	bc2	88	65	0.4	-	-	-									
Blackpool	b2	bbc	73	58	-	-	10.9	9.6	Bournemouth	ob	b	88	63	2	-	10.4	1.0									
Harrogate	b	b	81	56	-	-	11.1	9.3	Portsmouth (S'absea)	b	b	88	65	4	-	8.9	5.3									
Skegness	cb	b	68	57	-	-	9.6	12.2	Worthing	b	b	85	64	3	-	8.9	1.0									
Aberystwyth	cb	b	76	60	-	-	11.3	4.5	Brighton	bc	bc	85	64	4	-	11.1	-									
Bath	b	b	87	60	-	-	10.2	1.9	Eastbourne	b	bc	82	64	2	-	-	1.6									
Leamington Spa	b	b	87	59	-	-	12.0	8.0	Haslemere	b	b	85	64	0.1	-	11.1	7.6									
Lowestoft	o2bc	bc	71	67	-	-	7.2	11.3	Folkestone	bc	bc	83	63	-	-	9.5	8.6									
Felixstowe	bc2	b	76	57	-	-	7.8	9.5	Tunbridge Wells	bbc	bc	85	62	-	-	10.4	8.3									
Southend	b	b	53	60	-	-	11.2	14.4	Ramsgate	b	bc	75	61	-	-	9.2	5.6									
									Margate	bc	b	69	63	-	-	11.0	-									
									Deal	b	b	78	60	-	-	-	-									

## WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR MON. JULY 18TH

STATIONS.	WEATHER.		TEMPERATURE		RAINFALL†		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE		RAINFALL†		Sunrise to 17h.	Sunset to 17h.
	Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night 17h.-9h.	Day 9h.-17h.	Sunrise to 17h.	Sunset to 17h.		Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night 17h.-9h.	Day 9h.-17h.		
					17-18h.	18h.-19h.	18h.	17h.						17-18h.	18h.		
Banff ... ..	bcc	co	71	52	-	-	9.1	2.0	Paignton ... ..	cbc	bcb	83	64	0.3	-	6.4	5.7
Montrose ... ..	b	b	65	45	-	-	10.0	6.7	Ilfracombe ... ..	b	b	75	62	-	-	8.9	9.4
Llandudno ... ..	b	b	67	54	-	-	11.5	8.9	Bude ... ..	b	b	83	60	-	-	10.6	8.2
Colwyn Bay ... ..	b	b	76	57	-	-	11.3	9.9	Penzance ... ..	bc	bcb	79	65	-	-	6.8	5.6
Rhyl... ..	bbc	b	72	54	-	-	10.5	8.3	Torquay ... ..	o2c	bc2r	83	69	0.3	-	6.7	6.6
Southport ... ..	bbc b	bbc	72	59	-	-	10.6	11.5	Weymouth ... ..	cbc	bcb2	88	65	0.4	-	-	-
Blackpool ... ..	b2	bbc	73	58	-	-	10.9	9.6	Bournemouth ... ..	oblu	b	88	63	2	-	8.5	1.0
Harrogate ... ..	b	b	81	56	-	-	11.1	9.3	Portsmouth (S'absea)	b	b	88	63	4	-	8.9	5.3
Skegness ... ..	cb	b	68	57	-	-	9.6	12.2	Worthing ... ..	b	b	85	64	3	-	8.9	1.6
Aberystwyth ... ..	cb	b	76	60	-	-	11.3	4.5	Brighton ... ..	bc	bc	85	64	4	-	11.1	-
Bath ... ..	b	b	87	60	-	-	10.2	1.9	Eastbourne ... ..	b	b bc	82	64	2	-	-	-
Leamington Spa ... ..	b	b	87	59	-	-	12.0	8.0	Hastings ... ..	b	b	85	64	0.1	-	11.1	7.5
Lowestoft ... ..	o2bc	bc	71	67	-	-	7.2	11.3	Folkestone ... ..	bc	cbc	83	63	-	-	9.0	8.5
Felixstowe ... ..	bc2	b	76	57	-	-	7.8	9.3	Tanbridge Walls ... ..	bbc	bcb	85	62	-	-	9.5	8.3
Southend ... ..	b	b	53	60	-	-	11.2	14.4	Ramsgate ... ..	b	bc	75	61	-	-	10.4	9.3
									Margate ... ..	bc b	b	69	63	-	-	9.2	8.5
									Deal ... ..	b	b	78	60	-	-	11.0	-



# AIR MINISTRY.

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

BRITISH SECTION.

No. B.21,790

Wednesday, 20th July, 1921.

Page 1.

STATIONS.	Observations at 1300 G.M.T. 19 <sup>th</sup>													Observations at 1800 G.M.T. 19 <sup>th</sup>												
	Barom. at M.S.L. Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity %.	Visibility in Miles.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. Change in 3 Hours.	Wind.	Weather.	Temp. °F.	Humidity %.	Visibility in Miles.	Height of Low Cloud. Feet.	Cloud.			Sea.				
		Dir.	Force.						Form.	Amt.	Form.								Amt.	Total Amt.	Form.		Amt.	Total Amt.		
																									0-10	0-10
Lerwick	1019.6	-3	2	0	55	92	7	-	Hb	9	-	9	1016.3	-4	S	2	10	97	5	5750	Hb	10	-	10	1	
Stornoway	1016.8	-3	SW	3	55	92	7	800	St	6	aCu	8	1014.7	-4	SW	4	10	97	7	800	St	10	-	10	3	
Wick	1018.0	-2	-	0	57	97	6	450	St	10	-	10	1014.7	-4	S	1	10	97	6	5750	Hb	6	aCu	8	0	
Castell Bay	1016.6	-2	SE	3	59	97	2	225	Hb	10	-	10	1015.5	0	WSW	4	10	97	4	800	St	10	-	10	3	
Nairn	1016.6	-2	SE	3	59	97	2	225	Hb	10	-	10	1014.0	0	E	1	10	97	4	800	St	10	-	10	0	
Aberdeen	1019.2	-2	SSE	3	63	65	8	4000	StCu	4	-	4	1016.6	-4	SSE	3	10	97	8	4000	StCu	8	-	8	0	
Main Head	1017.3	0	W	3	60	97	7	450	St	7	-	7	1018.0	0	SW	2	10	97	7	450	St	10	-	10	2	
Renfrew	1019.1	-1	SW	3	60	85	7	1500	StCu	10	-	10	1017.8	-1	WSW	3	10	97	8	2500	StCu	9	-	9	0	
Leith (Inchkeith)	1019.1	-3	E	1	59	92	8	-	StCu	4	aSt	10	1017.3	-2	W	4	10	97	8	-	St	10	-	10	0	
Balldalemuir	1019.3	-1	WSW	3	67	75	7	4000	StCu	9	-	9	1018.6	-1	SSW	3	10	97	8	2500	St	10	-	10	0	
Tynemouth	1019.5	-1	SW	1	65	65	8	2500	St	10	-	10	1018.1	-1	SSE	1	10	97	8	4000	StCu	7	-	7	0	
Blackad Point	1019.3	0	WSW	2	69	85	7	1500	St	6	-	6	1019.3	0	SW	2	10	97	7	450	St	10	-	10	1	
Donaghadee	1019.0	-2	WSW	1	71	75	8	5750	StCu	10	-	10	1018.0	-3	H	1	10	97	8	5750	StCu	8	-	8	0	
Birr Castle	1021.1	0	WNW	1	72	85	7	2500	StCu	8	-	8	1018.6	0	WNW	2	10	97	8	4000	St	4	aCu	7	0	
Baldonell	1020.7	-2	SW	3	74	75	8	2500	StCu	9	-	9	1020.0	0	WSW	4	10	97	8	2500	St	5	aSt	8	0	
Holyhead	1021.4	-1	SW	3	67	85	8	4000	StCu	10	-	10	1020.3	-1	SSW	4	10	97	8	4000	StCu	9	-	9	1	
Liverpool (Bidston)	1020.7	0	WNW	1	69	65	7	2500	StCu	10	-	10	1019.8	-1	WNW	2	10	97	8	1500	St	10	-	10	3	
Manchester (Alex.Pk.)	1020.4	0	W	4	77	45	8	2500	StCu	10	-	10	1021.0	0	W	3	10	97	8	4000	StCu	9	-	9	0	
Howden	1018.9	-1	WSW	3	61	45	6	4000	St	7	aSt	9	1018.7	0	WNW	2	10	97	8	4000	StCu	5	aSt	10	0	
Spurn Head	1020.6	0	N	3	69	97	8	2500	StCu	8	-	8	1020.1	0	NNE	1	10	97	8	1500	StCu	9	-	9	0	
Nottingham	1019.0	0	W	2	69	45	6	-	aCu	6	-	6	1018.7	0	W	2	10	97	8	2500	Hb	7	aSt	6	0	
Gravelly	1019.5	-1	WNW	2	69	35	7	7250	StCu	5	aCu	8	1019.0	0	WNW	3	10	97	8	4000	StCu	9	-	9	0	
Gurleston	1018.4	0	NE-E	5	69	55	8	-	aCu	4	-	4	1018.6	0	NE-E	3	10	97	8	7250	StCu	2	aCu	6	0	
Palham	1018.0	-1	-	0	69	35	8	-	aCu	3	-	3	1018.1	0	-	0	10	97	8	7250	St	3	aCu	6	0	
Pelham	1018.8	0	SE-E	2	69	65	8	-	aCu	6	-	6	1019.2	0	E	2	10	97	8	7250	StCu	4	aCu	7	1	
Valencia (Cahirciveen)	1022.9	0	SW	3	68	85	8	450	St	10	-	10	1022.9	0	WSW	3	10	97	7	450	St	10	-	10	0	
Roches Point	1022.7	-2	SSW	3	72	85	8	4000	StCu	1	aCu	6	1022.4	0	WSW	3	10	97	8	800	St	1	aCu	4	3	
Pembroke (St. Ann's H.)	1022.3	0	NW	2	70	75	8	-	aCu	5	-	5	1022.0	0	W	2	10	97	9	-	-	aCu	2	7	0	
Rose-on-Wye	1019.7	-1	WNW	4	69	35	9	5750	StCu	1	aCu	5	1019.1	0	NW	3	10	97	8	4000	StCu	5	aCu	8	0	
Benson	1019.3	-1	WNW	3	68	35	8	-	aCu	2	aCu	3	1018.2	-1	NW	2	10	97	8	-	aCu	7	-	7	0	
S. Farnborough	1018.9	-1	WNW	3	68	35	8	-	-	aSt	3	3	1018.3	0	WNW	2	10	97	8	4000	StCu	4	aSt	10	0	
London (Kew Obsy.)	1018.9	-2	NW	3	68	35	8	-	-	aCu	1	1	1018.2	-1	WNW	1	10	97	8	-	-	aCu	3	-	0	
Croydon	1018.9	-1	NW	2	68	35	7	-	-	aCu	5	5	1018.3	0	WNW	1	10	97	8	-	-	aSt	2	-	0	
Clacton-on-Sea	1018.7	0	-	0	68	45	7	-	-	-	-	-	1018.8	+1	E	3	10	97	8	-	-	aCu	5	0	0	
Shoeburyness	1018.7	0	SE	1	68	45	7	-	-	aCu	5	5	1018.9	0	SE	1	10	97	8	-	-	aCu	4	-	0	
Grain	1018.4	-1	E-N	2	68	45	8	-	-	aCu	7	7	1019.0	+2	NE-E	4	10	97	8	-	-	aCu	4	0	0	
Lympne	1018.0	0	NW	3	68	45	8	-	-	aCu	2	2	1018.4	0	SE	2	10	97	8	7250	StCu	3	aCu	6	0	
Scilly (St. Mary's)	1022.2	0	NW	2	68	35	8	-	-	aCu	8	8	1022.8	0	WNW	1	10	97	8	-	-	aCu	4	2	0	
Falmouth	1021.7	0	NW	3	68	35	7	-	-	aCu	3	3	1022.2	0	NW	3	10	97	8	-	-	aCu	6	-	0	
Plymouth	1020.8	0	W	3	68	35	8	5750	St	1	aCu	3	1021.1	+1	NW	3	10	97	8	-	-	aCu	3	-	0	
Portland Bill	1021.0	+3	W	2	68	35	7	-	-	-	-	-	1021.0	0	WSW	2	10	97	8	-	-	aSt	2	2	0	
Calshot	1019.3	-1	WNW	3	68	35	8	-	-	aCu	6	6	1018.7	0	SSW	2	10	97	8	-	-	aCu	3	0	0	
Dungeness	1018.3	0	SSW	2	68	35	7	4000	StCu	4	-	4	1018.7	0	SW	1	10	97	8	5750	StCu	6	-	6	2	
Jersey	1020.9	+1	H	2	78	55	8	-	-	-	-	-	1020.8	0	NW	2	10	97	8	-	-	-	-	-	0	

LONDON OBSERVATIONS.	WEATHER.			TEMPERATURE.			RAIN-FALL. in.	SUN-SHINE to Sunset. hrs.	HUMIDITY.		ATMOSPHERIC POLLUTION. Lbs. of Solid Impurity per million cubic yards.	SOLAR RADIATION. Vertical component per square centimetre.	POLE STAR RECORD at Greenwich Obsy.		
	Morn- ing.	After- noon.	Night.	Max. °F.	Min. °F.	Min. on Grass. °F.			Day.	Night.				15h. G.M.T. %	9h. G.M.T. %
	24 HOURS ENDED 0900 G.M.T. 20 <sup>th</sup>						YESTERDAY.		TO-DAY.		24 Hr. ended 1800 G.M.T. 19 <sup>th</sup>	During yesterday.	Exposure from 19 <sup>th</sup> 21 <sup>st</sup> 30 m. to 20 <sup>th</sup> 2 <sup>nd</sup> 30 m.		
Kew															
Croydon (24 hours ended 0700)	6.45 to 6.45	6.45 to 6.45	6.45 to 6.45			?	-	-	11.2						
Greenwich (Royal Obsy.)	6.45 to 6.45	6.45 to 6.45	6.45 to 6.45	91	60	51	-	-	12.5	27	51				
City (Bankhill Row)									11.8	27	53				
Westminster (St. James' Pk.)				90	65	59			11.7						
Regents Pk. (Botanical Obsy.)									11.1	28	56				
Canter Sq. (Brit. Rainfall)	6	6		92	64	61				33 (15)	55				
Kennington Palace	6	6		90	69	59					59				
Rampstead Observatory				89	67	58			12.0						
TABLE															

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			BEAUFORT NOTATION OF WEATHER.			SEA DISTURBANCE.		
STATIONS.	Sunrise.	Noon.	Sunset.	b	c	d	e	f
Farnmouth	4.54	12.59	8.4	b	c	d	e	f
Greenwich	4.56	12.59	8.2	b	c	d	e	f
Wick	4.9	12.6	8.3	b	c	d	e	f
Valencia	4.39	12.18	8.37	b	c	d	e	f
	4.41	12.18	8.38	b	c	d	e	f
	4.46	12.47	8.44	b	c	d	e	f
	4.47	12.47	8.48	b	c	d	e	f

\* Information for these columns not usually received.

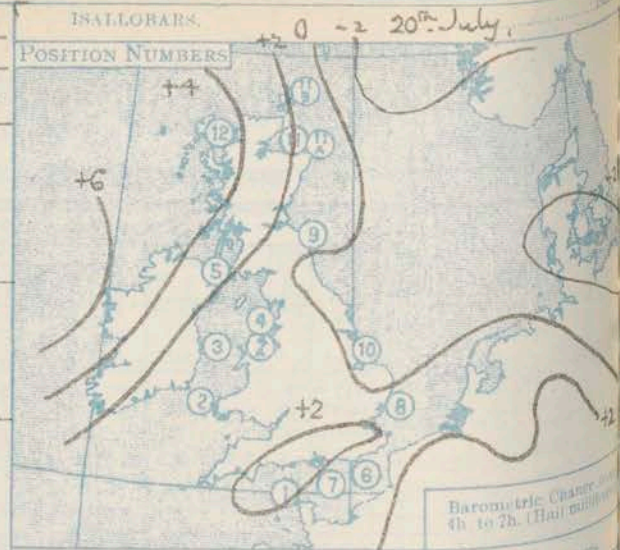
† The barometric change is expressed in half millibars.

‡ For code see page 3.



## SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN.
	7h-12h.	12h-18h.	18h-19h.	19h-7h.	MAX. Day.	MIN. Night.	MIN. on GRASS.	Day.	Night.	Precipitation began.	
Lerwick	oo	mfe	6-8f.	ff. 10	57	52	.	Trace	4	01.30	.
Stornoway	form	p	form	oo	62	52	.	Trace	1	12.30	2.0
Wick	F	borbc	oo	pmidg	59	55	.	0.4	1	04.30	0.0
Castlebay	to 6-8f.	of. am	mid 6-8f.	af. 0	60	55	.	0.5	0.7	-	3.5
Nairn	o.c.m.	cgm	c	c	71	58	.	0.4	-	-	6.2
Aberdeen	to 6-8f.	of. am	mid 6-8f.	af. 0	66	56	53	0.4	-	-	6.2
Malin Head	140	16-8f.	ffe.	fodocq	67	55	.	0.5	0.6	3.30	0.7
Renfrew	ampd	op. d.	c.o.	c.o.	69	57	60	Trace	-	12.30	1.8
Leith (Inchkeith)	form	oo	c	c	64	51	.	0.3	Trace	15.30	.
Eskdalemuir	oo	oo	oic. mo.	oid. 0	68	59	56	0.1	0.1	-	0.1
Tynemouth	oo	c	c	bgme	66	63	.	0.2	0.2	05.30	.
Blacksod Point	Tord	Tord	rord	p	69	58	.	0.2	0.1	-	.
Donaghadee	cmp.	bc	bcamp	c	78	60	.	0.2	Trace	11.00.430	.
Birr Castle	c	p	rord	c	74	62	61	Trace	1	15.30.530	1.7
Baldonnell	oo	c	c	adm	78	62	43	Trace	Trace	-	4.9
Holyhead	of. p.	o.c.o.	borbc	c.o.	71	59	58	0.6	+	11.00	3.0
Liverpool (Bidston)	borbc	c	c	c	72	63	60	-	+	-	4.2
Manchester (Alex.Pk.)	c	oo	id.	c	80	60	53	-	-	-	.
Howden	c	c	borbc	c	81	52	48	-	-	-	3.3
Spurn Head	borbc	c	borbc	form	72	60	.	-	-	-	.
Nottingham	c	c	c	c	85	63	58	Trace	-	9.0	4.0
Cranwell	c	c	prim	im	84	61	56	-	0.1	-	6.6
Gorleston	borbc	c	bccov	borbc	79	61	61	-	-	-	8.1
Fulham	c	c	c	borbc	86	60	56	-	-	-	8.3
Felixstowe	borbc	borbc	ciz	c	83	62	58	-	-	-	11.43
Valencia (Cahiroiveen)	amp. p.	ad. c.o.	adp	op. c	70	62	61	0.2	1	-	0.0
Roches Point	c	borbc	oo	c	79	63	55	-	0.1	06.30	.
Pembroke (St. Ann's H.)	borbc	borbc	borbc	c	75	61	.	-	-	-	9.3
Rose-on-Wye	op. c. bccov	op. c. bccov	op. c. bccov	op. c. bccov	90	61	55	-	0.1	04.30	5.6
Benson	borbc	borbc	c	c	88	62	55	-	-	-	9.4
S. Farnborough	c	borbc	c	c	89	63	58	-	-	-	11.2
London (Kew, Obs.)	borbc	by	cybecb.	cybecb.	88	66	?	-	-	-	.
Croydon	borbc	by	borbc	cybecb.	87	61	57	-	-	-	.
Olaeton-on-Sea	borbc	borbc	c. bz	bccg	82	61	57	-	-	-	10.0
Shoeburyness	borbc	borbc	c	c	88	60	51	-	-	-	12.6
Grain	borbc	borbc	c	c	84	57	45	-	-	-	11.9
Lympne	borbc	borbc	borbc	cim	83	60	51	-	-	-	13.2
Scilly (St. Mary's)	c	borbc	o.o	o.o	75	61	.	-	-	-	11.4
Falmouth	b. by	b. by	bc	c	81	65	64	-	-	-	9.3
Plymouth	borbc	borbc	c	o.o	83	66	63	-	-	-	10.0
Portland Bill	borbc	borbc	c	c	80	67	.	-	-	-	.
Calshot	borbc	borbc	borbc	c	88	65	64	-	-	-	11.5
Dungeness	borbc	c	borbc	cim	81	61	.	-	-	-	.
Jersey	b	b	borbc	b.o	81	63	.	-	-	-	13.8



Position Number	3	1	7	6
Date	18.7.21	19.7.21	20.7.21	21.7.21
Time G.M.T.	12.00	12.00	12.00	12.00
Sea °F	57	60	60	61
Air °F	62	63	65	64.5

## GENERAL INFERENCE.

The barometer is rising again over the Kingdom generally and for the next 24 hours precipitation will be confined to local showers in the North-West districts. A large anticyclone is moving in from the Atlantic and a further period of fine dry weather seems probable.

## Districts.

Forecasts for the 24 hours commencing 15 h. G.M.T. Wednesday 20th July, 1921.

## Further Outlook.

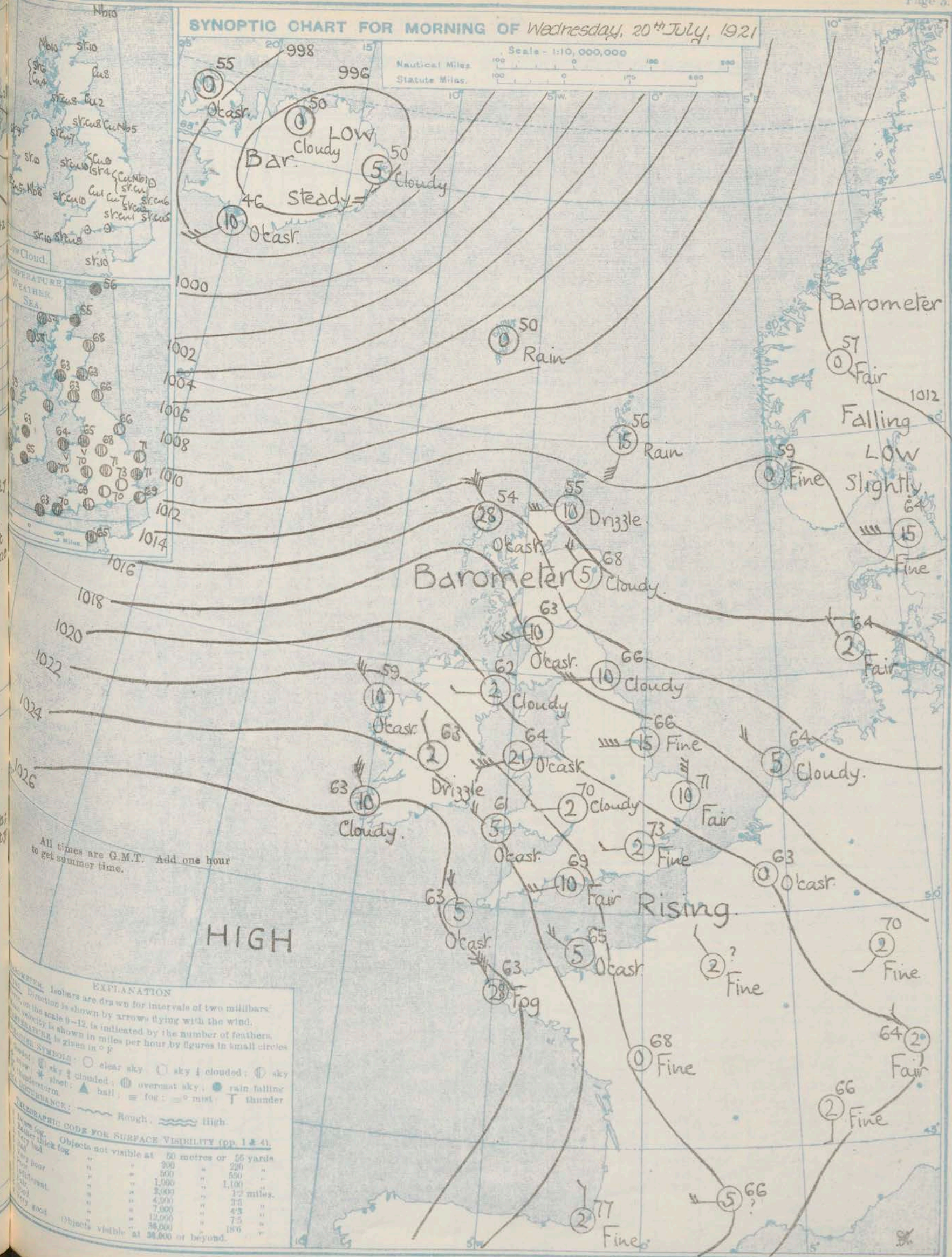
1. S.E. England	Wind mainly North-West light or moderate; fine; visibility mainly good but some haze, very warm.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Wind West or North-West moderate to fresh; cloudy early then fair or fine; visibility mainly good; very warm.
6. South Wales	
7. North Wales	
8. N.W. England	Wind West or North-West moderate to fresh; cloudy with slight showers early then fair or fine; visibility mainly good; warm.
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	Wind West or North-West moderate to fresh, strong at times; cloudy, some showers, then becoming fair; visibility mainly good; moderate temperature.
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	As for 7 - 13.
19. S.E. Ireland	
20. S.W. Ireland	

Mainly fine for next few days; continuing very warm in the South; little probability of appreciable rain in any part of the Kingdom.



# SYNOPTIC CHART FOR MORNING OF Wednesday, 20<sup>th</sup> July, 1921

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



## 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 1/4 clouded; ○ sky 1/2 clouded; ○ sky 3/4 clouded; ○ overcast sky; ● rain falling; ▲ hail; = fog; = mist; T thunder.

**WIND FORCE:** ~~~~~ Rough; ~~~~~ High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (pp. 1 & 4).		
Very poor	Objects not visible at 50 metres or 55 yards	
Poor	" "	
Med. poor	" "	
Med. good	" "	
Good	" "	
Very good	" "	
Excellent	" "	
Perfect	" "	
Objects visible at 30,000 or beyond.		



## AIR MINISTRY.

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

Page 4.

BRITISH SECTION Wednesday, 20<sup>th</sup> July 1921.

No. 201.

STATIONS	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	Height of Low Cloud. Feet	Cloud.			Sea.	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.			
			Direc.	Force						Low.	Upper.	Total.				Direc.	Force						Low.	Upper.	Total.	
																										Form.
Lerwick	1012.4	-4	SSW	2	ff.	53	97	2	5750	Nb	10	-	10	1010.2	-3	SSW	4	of.c	56	97	3	1500	Nb	10	-	10
Stornoway	1014.1	-2	SW	3	0	*	*	5	*	*	*	*	*	1016.5	+5	NW	6	0	54	85	7	1500	Nb	10	-	10
Wick	1012.3	-1	S	1	0	58	97	8	5750	St. Cu	10	-	10	1013.7	+3	W	3	of.c	55	97	7	800	St	10	-	10
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	1014.9	*	W	2	of.c	55	85	6	4000	St	10	-	10
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	1014.9	*	W	2	of.c	61	*	*	*	*	*	*	8
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	1014.8	+1	W/N	2	of.c	68	75	8	2500	cu	8	-	8
Malin Head	1017.3	-4	WSW	4	ff.	59	97	1	450	St.	10	-	10	1020.5	+5	WNW	4	of.c	58	75	8	1000	St. Cu	3	Acu	7
Renfrew	1017.5	0	SW	1	0	62	85	8	1500	St. Cu	9	-	9	1017.8	+1	WSW	3	0	63	85	8	1500	St. Cu	8	Acu	7
Leith (Buchkeith)	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.5	+1	WNW	4	0	63	92	9	-	cu	2	Acu	9
Redalemnir	1018.0	-1	WSW	2	0	63	85	6	2500	St. Cu	10	-	10	1018.0	0	W	3	0	63	85	6	2500	St. Cu	8	Acu	8
Tynemouth	1017.4	-1	W	1	0	65	85	8	5750	St. Cu	10	-	10	1018.9	0	W	3	0	66	85	7	1500	cu	5	Acu	8
Blacksod Point	1020.3	0	SW	2	of.	63	92	6	450	St.	10	-	10	1023.5	+6	NW/W	3	of.	57	75	8	2500	St	9	-	9
Donsghades	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.7	+2	W	1	0	62	85	8	5750	St. Cu	7	-	7
Bier Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.4	*	NW/W	1	of.	63	92	7	450	St.	10	-	10
Baldonnell	1021.5	+1	WSW	3	0	64	85	8	2500	St. Cu	10	-	10	1021.9	0	W	3	of.c	65	97	5	1500	St	10	-	10
Holyhead	1020.3	0	W	4	0	*	*	8	-	-	Acu	3	-	1021.3	+1	WSW	5	of.	64	92	9	1500	St. Cu	10	-	10
Liverpool (Bidston)	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.4	+1	W	4	of.	65	85	9	800	cu	10	-	10
Manchester (Alex. Pk.)	*	*	*	*	*	*	*	*	*	*	*	*	*	1202	+2	W	3	0	66	85	6	1500	St	10	-	10
Howden	1019.0	-1	-	0	ff.	57	97	2	4000	St.	3	Acu	5	1018.7	0	W/S	3	of.	68	85	5	2500	St	8	Acu	8
Spurn Head	1019.9	-1	W	2	0	60	85	7	-	-	-	-	0	1019.9	0	W	4	0	66	85	7	800	cu	1	Acu	3
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.0	*	SW	1	0	68	75	5	2500	cu	3	Acu	5
Cranwell	1020.3	0	W/S	1	0	64	92	6	-	-	Acu	2	-	1019.9	0	W	3	of.	68	75	7	4000	St. Cu	4	Acu	4
Gorleston	1018.8	0	NW	2	0	65	55	9	-	-	Acu	4	-	1019.1	0	N	3	of.	71	65	7	-	-	Acu	3	
Fulham	1019.2	0	-	0	0	65	65	7	4000	-	-	-	-	1019.4	0	-	0	0	71	9	6	5750	St.	1	Acu	7
Felixstowe	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.1	+1	NW	2	0	71	75	7	4000	St. Cu	6	Acu	7
Valencia (Cahiroiveen)	1022.0	0	-	0	of.	64	*	5	*	*	*	*	*	1025.7	+3	NW	3	0	63	85	8	800	St. Cu	5	Acu	7
Reches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	1024.9	+2	WNW	2	of.	65	97	6	800	Nb	8	Acu	10
Pembroke (St. Ann's H.)	1022.5	0	W	1	0	63	97	8	-	-	Acu	4	-	1023.7	+1	WNW	2	of.	61	97	8	5750	St. Cu	10	-	10
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	1021.2	+1	W	1	0	70	75	8	4000	cu	1	Acu	7
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.6	+1	-	0	0	71	75	8	-	cu	7	Acu	2
S. Farnborough	*	*	*	*	*	70	*	*	*	*	*	*	*	1020.8	+2	W	2	0	70	75	8	5750	St. Cu	2	Acu	3
London (Kew Obsy.)	*	*	*	*	*	70	*	*	*	*	*	*	*	1021.0	+2	WSW	1	0	73	65	6	5750	St. Cu	2	Acu	3
Croydon	1019.9	+1	-	0	0	66	75	5	-	-	Acu	4	-	1020.8	+1	W/S	1	0	72	55	6	-	-	Acu	7	
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.1	+1	NW	2	0	71	65	8	7250	St. Cu	4	Acu	7
Skeeburness	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.4	+1	NNW	1	0	70	55	7	5750	cu	7	-	8
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.8	+1	WSW	2	0	72	55	7	5750	St. Cu	8	Acu	7
Lympne	1019.6	0	-	0	0	64	85	8	-	-	Acu	3	-	1020.1	+1	NW	2	0	70	75	7	7250	St. Cu	5	Acu	10
Soilly (St. Mary's)	1024.1	+1	WNW	2	0	64	97	8	1500	St.	10	-	10	1024.9	+1	NNW	2	0	63	97	9	1500	St.	10	-	10
Falmouth	*	*	*	*	*	*	*	*	*	*	*	*	*	1024.1	+2	NW	3	of.	70	75	8	4000	St. Cu	9	-	9
Plymouth	1021.6	+1	NNW	2	0	67	85	8	2500	St. Cu	8	-	8	1023.3	+1	NW	3	0	68	85	8	2500	St.	9	Acu	6
Portland Bill	1021.0	0	WSW	2	0	67	85	8	-	-	Acu	5	-	1022.2	+3	WSW	3	of.	69	75	8	-	-	Acu	4	
Calshot	1020.4	+1	W	3	0	70	75	8	5750	St. Cu	7	-	7	1021.7	+1	NW	3	0	69	75	8	-	-	Acu	6	
Dungeness	1019.5	+1	-	0	0	64	85	8	-	-	Acu	2	-	1020.3	+1	NE	2	0	69	65	6	-	-	Acu	10	
Jersey 7th	1022.5	+2	WNW	3	0	69	75	8	-	-	-	-	0	1023.1	+1	WNW	2	0	65	85	8	2500	St.	10	-	10
Guernsey 1st	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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.	Sun to Sunset.		
	Fore-noon.	After-noon.	Max. Day.	Min. Night.	Night	Day	Sunrise	Sunrise		Fore-noon.	After-noon.	Max. Day.	Min. Night.	Night	Day			Sunrise to 17h.	Sun to Sunset.
					12h-6h.	6h-12h.	to 17h.	to Sunset.						12h-6h.	6h-12h.				
					mm.	mm.	hr.	hr.											
Barf ...	bc	bc	72	57	11	-	4.6	9.1	Paignton ...	b.bc	b	87	66	-	-	8.0	6.7		
Montrose ...	o.c.bc	bc	64	53	3	-	3.7	10.9	Ilfracombe ...	o.c	c.bc.b	73	63	-	-	8.3	9.8		
Llandudno ...	b.o.	c	76	62	0.1	-	2.8	13.2	Bude ...	o.c.bc	b	75	60	-	-	9.6	7.4		
Colwyn Bay ...	b	b	75	62	-	-	4.5	13.5	Penzance ...	b.bc	bc	81	64	-	-	9.0	8.6		
Rhyl ...	c.bc	c.bc	72	54	-	-	3.8	12.6	Torquay ...	bay bc	by	86	67	-	-	10.5	9.5		
Southport ...	o.c.bc	c.op.cd	72	64	-	-	1.5	12.7	Weymouth ...	bz	bz	87	65	-	-	10.0	9.5		
Blackpool ...	o.c	o.	72	63	-	-	1.6	12.5	Bournemouth ...	b	b	89	62	-	-	11.1	10.5		
Harrrogate ...	bc	bc.o	81	59	0.1	-	5.5	13.8	Portsmouth (S'thsea) ...	b	b	89	64	-	-	11.0	10.0		
Skegness ...	o.b.bc	o.bc.o	71	55	-	-	6.3	11.1	Worthing ...	b	b	87	63	-	-	11.2	12.1		
Aberystwyth ...	o.c	bc.c	74	62	0.3	-	5.0	13.7	Brighton ...	bc	b	87	65	-	-	12.0	12.1		
Bath ...	b.bc.c	b.bc.c	87	63	-	-	5.5	10.2	Eastbourne ...	b	b	84	65	-	-	11.4	9.8		
Leamington Spa ...	c.bc	c	87	60	-	-	6.7	13.5	Hastings ...	b	b.bc	82	64	-	-	11.0	10.7		
Lowestoft ...	bc	bc	71	58	-	-	8.3	8.7	Folkestone ...	b	bc	81	64	-	-	11.5	11.9		
Felixstowe ...	b	bc	81	58	-	-	9.6	8.7	Tunbridge Wells ...	b	b	90	60	-	-	10.9	10.3		
Southend ...	b	b	85	60	-	-	10.5	12.2	Ramsgate ...	bc	b	79	61	-	-	11.4	10.7		
									Margate ...	b	b	75	63	-	-				
									Deal ...	b.bc	b.bc	83	59	-	-				





## AIR MINISTRY.

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

BRITISH SECTION.

No. B.21,791

Thursday... 21<sup>st</sup> July, 1921.

Page I.

BRITISH SECTION. No. B.21,791 Thursday... 21st July, 1921. Page 1.																												
STATIONS.		Observations at 1300 G.M.T. 20 <sup>th</sup>												Observations at 1800 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	Height of Low Cloud. Feet	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.			Sea.		
				Direc.	Force						Form.	Amt.	Upper Form.			Total Amt.	Direc.						Force	Form.	Amt.		Upper Form.	Total Amt.
Lerwick	1013.1	+4	W	4	o/r	54	75	8	-	StrCu	9	ASr	9	1015.0	+3	W	4	c	53	85	7	7250	Cu	2	ASr	7	3	
Stornoway	1019.4	+3	NW	6	opr.	57	65	7	1500	Mo	9	-	9	1020.2	+1	NW	6	c	56	75	7	1500	Mo	9	-	9	0	
Wick	1017.5	+3	NW	3	c/r	57	75	8	2500	CU	8	-	8	1018.5	+2	NW	2	c	57	97	8	5750	StrCu	9	-	9	4	
Castletay	1022.4	+3	NW	5	c	58	65	7	4000	Sc	7	-	7	1024.0	+1	NW	5	o/r	57	75	8	5750	StrCu	9	-	9	4	
Nairn	1018.0	+3	NW	5	b	67	45	8	4000	Cu	2	-	2	1020.8	+4	NW	4	b	62	55	8	4000	StrCu	4	-	4	0	
Aberdeen	1018.0	+3	NW	5	b	67	45	8	4000	Cu	2	-	2	1020.8	+4	NW	4	b	62	55	8	4000	StrCu	4	-	4	0	
Malin Head	1024.5	+3	NW	4	c	58	75	8	4000	StrCu	4	ACu	7	1025.5	+4	WNW	4	c	58	75	8	4000	StrCu	5	ACu	8	5	
Renfrew	1021.6	+3	WSW	4	c	65	75	8	2500	StrCu	8	-	8	1024.3	+3	W	4	b	60	55	9	4000	Cu	5	Ci	6	0	
Leith (Inchkeith)	1018.3	+5	WNW	5	b	63	75	9	4000	Cu	2	-	2	1022.3	+3	W	5	b	61	65	9	4000	Cu	3	ACu	5	0	
Eskdalemuir	1021.5	+3	WNW	5	b	62	55	7	4000	Cu	4	ASr	6	1024.2	+3	WNW	2	b	60	55	8	4000	StrCu	5	Ci	6	0	
Tynemouth	1018.4	+1	W	3	b	70	55	8	4000	Cu	3	Ci	6	1021.3	+2	WNW	1	b	69	45	8	-	-	-	-	-	0	
Blackhead Point	1026.9	+5	NW	3	b/r	62	65	8	-	Cu	5	-	5	1028.2	+3	NW	3	b/r	62	65	7	-	Cu	4	-	4	1	
Donaghadee	1024.4	+4	N	2	c	60	65	8	4000	CU	7	-	7	1026.0	+2	WNW	2	b	61	65	8	5750	StrCu	3	ACu	5	?	
Birr Castle	1026.0	-	NW	2	c	69	65	8	4000	StrCu	7	-	7	1027.3	-	NW	2	c	66	75	8	4000	StrCu	5	Ci	8	0	
Baldonnell	1024.5	+1	NW	4	c	68	55	8	5750	StrCu	6	Ci	7	1027.8	+2	WNW	3	b	65	55	9	4000	StrCu	3	-	3	0	
Holyhead	1024.9	+5	N	4	c	65	85	8	4000	StrCu	6	Ci	7	1026.8	+2	N	4	c	64	85	8	2500	StrCu	6	ACu	8	1	
Liverpool (Bidston)	1023.7	+4	WNW	4	o	61	75	8	1500	Mo	10	-	10	1024.6	+2	WNW	4	b	62	65	8	4000	Str	2	ACu	4	6	
Manchester (Alex. Pk.)	1022.6	+3	WNW	4	o	68	65	8	1500	Str	10	-	10	1024.9	+3	WNW	5	b	64	55	8	2500	Cu	4	-	4	0	
Howden	1019.8	+2	W'S	4	o	75	65	7	2500	StrCu	5	ASr	9	1021.4	+2	W	4	c	70	77	7	4000	StrCu	2	Ci	3	0	
Spurn Head	1020.2	o	NW	5	o	73	65	7	1500	CU	9	-	9	1022.6	+2	NW	3	c	70	85	7	1500	StrCu	7	-	7	1	
Nottingham	1021.0	o	W	3	c	74	65	6	4000	Cu	4	Ci	7	1023.2	-	W	4	b	68	55	6	4000	Cu	1	Ci	2	0	
Cranwell	1020.9	+1	WNW	5	o	74	65	7	2500	StrCu	9	-	9	1022.5	+5	WNW	5	b	70	55	7	4000	Cu	2	ACu	5	0	
Garlestone	1019.5	o	SE	4	c	72	65	7	7250	Cu	7	-	7	1019.5	+1	NE	3	c	74	65	7	-	-	-	-	-	0	
Pulham	1019.1	o	W	4	c	82	55	8	4000	Cu	8	-	8	1020.4	+1	W	4	b	77	55	8	4000	Cu	2	ACu	5	0	
Pelkshawe	1019.8	-1	WNW	3	b	83	55	8	4000	Cu	5	Ci	6	1020.5	+1	WNW	4	b	80	55	8	4000	StrCu	5	Ci	6	1	
Valencia (Cahirciveen)	1029.1	+3	WNW	5	c	67	55	8	4000	StrCu	7	-	7	1030.4	+2	WNW	4	o	64	65	9	4000	StrCu	9	-	9	0	
Roches Point	1026.6	+3	NW	4	b	69	75	8	4000	Cu	4	-	4	1028.3	+2	NW	4	b	68	65	8	4000	Cu	1	-	1	3	
Pembroke (St. Ann's H.)	1025.2	+2	WNW	3	o	65	92	9	5750	StrCu	9	-	9	1026.9	+2	N	3	b	67	75	9	-	-	-	-	-	2	
Ross-on-Wye	1021.6	o	NW	4	o	81	55	9	4000	StrCu	7	ACu	9	1023.7	+3	N	3	b	72	55	9	4000	StrCu	1	Ci	4	0	
Benson	1020.7	-1	NW	3	c	85	45	8	-	Cu	7	-	7	1021.5	+2	WNW	4	c	77	55	8	-	Cu	4	Ci	7	0	
S. Farnborough	1020.5	-1	WNW	3	b	87	45	8	5750	Cu	5	Ci	6	1020.8	+1	WNW	3	c	80	55	8	5750	Cu	5	Ci	8	0	
London (Kew Obsy.)	1020.4	o	WNW	3	b	83	45	8	5750	Cu	2	Ci	3	1021.1	+1	N	4	b	80	55	8	5750	Cu	2	ACu	4	0	
Croydon	1020.5	o	WNW	3	b	85	45	9	4000	Cu	3	Ci	6	1021.0	o	WNW	3	c	82	45	8	4000	Cu	4	Ci	8	0	
Clacton-on-Sea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Shoeburyness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Grain	1019.7	-1	-	o	o	84	45	7	2500	StrCu	10	-	10	1020.1	o	NW	4	c	81	45	7	-	-	-	ACu	5	0	
Lympe	1019.9	-1	W	3	c	84	45	7	2500	Cu	7	Ci	8	1020.2	+1	WNW	1	c	82	55	7	2500	Cu	7	-	7	0	
Sully (St. Mary's)	1020.2	o	S'E	4	b	79	55	7	5750	Cu	2	Ci	3	1019.8	-2	N	2	o	79	65	8	5750	StrCu	10	-	10	0	
Plymouth	1025.8	o	WNW	1	b	73	75	9	5750	StrCu	4	-	4	1026.9	+1	NW	2	c	63	85	9	4000	StrCu	8	-	8	1	
Plymouth	1025.4	+2	NW	4	o	75	65	8	4000	StrCu	9	-	9	1026.2	+1	WNW	4	b	72	75	8	-	StrCu	4	Ci	5	1	
Portland Bill	1024.4	+1	N	4	b	75	65	8	2500	StrCu	5	-	5	1024.9	+1	WNW	3	b	72	65	8	2500	StrCu	5	ACu	6	3	
Calshot	1022.2	o	WSW	3	b	71	65	8	-	-	-	Ci	3	1022.7	o	WSW	3	b	70	85	8	-	-	-	Ci	2	3	
Dungeness	1021.5	o	SW	4	b	60	65	8	4000	Cu	3	ACu	5	1021.4	o	NW	3	b	79	65	8	4000	Cu	2	ACu	5	0	
Jersey	1020.9	o	SW	3	c	71	75	6	2500	Str	4	Ci	7	1020.0	-2	SW	4	c	70	85	8	7250	CU	5	Ci	8	4	
	1020.9	+1	WNW	2	b/f	72	55	8	-	-	-	ACu	1	1025.0	o	WNW	3	b	68	55	8	-	-	-	-	-	-	

LONDON OBSERVATIONS			WEATHER.			TEMPERATURE			RAIN-FALL. mm.	SUNSHINE to Sunset hrs.	HUMIDITY.		ATMOSPHERIC POLLUTION. Lbs. of Solid Impurity per million cubic yards.	SOLAR RADIATION. Vertical component per square centimetre.	POLE STAR BEHOUD at Greenwich Obsy.		
			Morning.	Afternoon.	Night.	Max. °F.	Min. °F.	Min. on Grass: °F.			10h. G.M.T. %	9h. G.M.T. %					
24 HOURS ENDED 0900 G.M.T. 21 <sup>st</sup>			24 HOURS ENDED 0900 G.M.T. 21 <sup>st</sup>			24 HOURS ENDED 0900 G.M.T. 21 <sup>st</sup>			YESTERDAY. TO-DAY.		24 Hrs. ended 1800 G.M.T. 20 <sup>th</sup>		During yesterday.		Exposure from 2.00 p.m. to 2.15 a.m.		
Kew	b, b, b	b, b, b	b, b, b	90	54	45	4.4	-	10.4	-	South Kensington	South Kensington	to 2.15 a.m. 2.15 a.m.				
Croydon	b, b, b	b, b, b	b, b, b	90	54	45	4.4	-	10.4	-	Max. Time. Min. Time.	Total 136.9 Joules	Stars. Exposure. Record.				
Greenwich (Royal Obsy.)	b, b, b	b, b, b	b, b, b	90	54	45	4.4	-	10.4	-	Max. Time. Min. Time.	Average Rate	Polaris 5 0 4 40 93				
City (Banhill Row)	b, b, b	b, b, b	b, b, b	90	54	45	4.4	-	10.4	-	Max. Time. Min. Time.	Maximum Rate	Ursae 6 0 4 17 86				
Westminster (St. James' Pk.)	b, b, b	b, b, b	b, b, b	90	54	45	4.4	-	10.4	-	Max. Time. Min. Time.	Maximum Rate	Minoris				
Regent's Pk. (Botanical Obsy.)	b, b, b	b, b, b	b, b, b	90	54	45	4.4	-	10.4	-	Max. Time. Min. Time.	Maximum Rate					
Camden Sq. (Brit. Rainfall)	b, b, b	b, b, b	b, b, b	90	54	45	4.4	-	10.4	-	Max. Time. Min. Time.	Maximum Rate					
Kensington Palace	b, b, b	b, b, b	b, b, b	90	54	45	4.4	-	10.4	-	Max. Time. Min. Time.	Maximum Rate					
Hampton Observatory	b, b, b	b, b, b	b, b, b	90	54	45	4.4	-	10.4	-	Max. Time. Min. Time.	Maximum Rate					
TABLE SHOWING THE GREENWICH TIMES OF RISE, NOON, AND SET OF THE MOON IN THE UNITED KINGDOM.																	
21 <sup>st</sup> - 22 <sup>nd</sup> July, 1921.																	
STATIONS.		Sunrise.	Noon.	Sunset.													
Yarmouth		G.M.T. 4.56	G.M.T. 11.59	G.M.T. 8.2													
Greenwich		4.58	11.59	8.0													
Wick		4.10	12.6	8.3													
Palencia		4.47	12.47	8.46													
BEAUFORT NOTATION OF WEATHER.																	
b blue sky (not more than a quarter covered).																	
bc sky partly cloudy (one half covered).																	
c generally cloudy (three-quarters covered).																	
d drizzle, or fine rain. f fog.																	
h hail. KQ line squall. l lightning.																	
m mist. o overcast sky.																	
p passing showers. r rain.																	
rs sleet, i.e., rain and snow together.																	
s snow. t thunder.																	
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; l = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; bc = cloud 0-5; co = cloud 6-10.																	
Capital letters indicate intensity, and repetition of letters continuity, thus: R = heavy rain. rr = continuous moderate rain. rco = 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. G = calm or slight.																	
1 = mod. swell. S = sea.																	
2 = heavy swell. M = moderate.																	
3 = no swell. V = very rough sea.																	
4 = mod. swell. R = rough sea.																	
5 = heavy swell. V = very rough sea.																	
6 = rather rough sea. M = moderate.																	
7 = rough sea. R = rough sea.																	
8 = very rough sea. V = very rough sea.																	
9 = mountainous sea.																	
Beaufort No. 0 Less than 1. Less than 0.5																	
1 1-3. 0.5-1.5																	
2 4-7. 1.5-3.5																	
3 8-12. 3.5-7.5																	
4 13-18. 7.5-12.5																	
5 19-24. 12.5-17.5																	
6 25-31. 17.5-22.5																	
7 32-38. 22.5-27.5																	
8 39-46. 27.5-32.5																	
9 47-54. 32.5-37.5																	
10 55-63. 37.5-42.5																	
11 64-75. 42.5-47.5																	
12 Above 75. 47.5 or above																	



SUMMARIES FOR THE PAST 24 HOURS.												ISALLOBARS																									
STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN. Hours.	POSITION NUMBERS																									
	7h-13h.	13h-18h.	18h-24h.	24h-7h.	MAX. Day.	MIN. Night.	MIN. on GRASS.	Day. 7h-13h.	Night. 13h-18h.	Precipitation began.																											
	20 <sup>th</sup>	20 <sup>th</sup>	to 1h. 21 <sup>st</sup>	21 <sup>st</sup>	7h-18h.	18h-7h.																															
Lerwick	Tord	c	c	c	52	48		0.2	3		4.5																										
Stornoway	P	P	c	raiz	52	48		0.1	10		3.7																										
Wick	Tord	c	onira	c	59	48			1		6.4																										
Castlebay	c	c bc o	amv	oo	59	54					11.0																										
Nairn	c bcq	bcq c	cy		66	53																															
Aberdeen	c bcq	bcq c			70	54	51	Trace		6900																											
Malin Head	cq	cq	cap	oo	65	53	44		TRACE	2200	7.5																										
Renfrew	c o c	c	cap	oo	64	56	46				8.3																										
Leith	c	bor bc	c	c	65	47	44																														
Eskdalemuir	c	bor bc	c	c	73	53		Trace		11.00																											
Tynemouth	bc p	bor bc	bor bc	bor bc	73	53																															
Blacksod Point	P	c	bor bc	bor bc	69	52		Trace		1530		<p>Barometric Change 4h to 7h. (Half millibars)</p> <p>Temperature reported from Cross Channel and Coastal Steamers</p> <table border="1"> <tr> <td>Position Number</td> <td>3</td> <td>1</td> <td>7</td> <td>6</td> </tr> <tr> <td>Date</td> <td>20</td> <td>20</td> <td>21</td> <td>21</td> </tr> <tr> <td>Time (G.M.T.)</td> <td>1015</td> <td>1130</td> <td>0223</td> <td>0205</td> </tr> <tr> <td>Sea °F</td> <td>56</td> <td>60</td> <td>60</td> <td>61</td> </tr> <tr> <td>Air °F</td> <td>62</td> <td>64</td> <td>63</td> <td>64</td> </tr> </table>	Position Number	3	1	7	6	Date	20	20	21	21	Time (G.M.T.)	1015	1130	0223	0205	Sea °F	56	60	60	61	Air °F	62	64	63	64
Position Number	3	1	7	6																																	
Date	20	20	21	21																																	
Time (G.M.T.)	1015	1130	0223	0205																																	
Sea °F	56	60	60	61																																	
Air °F	62	64	63	64																																	
Donsghades	bcq p	bc	bc	bc	70	46	38	0.2			8.2																										
Birr Castle	P	c	oo	oo	70	49	44	0.1			8.4																										
Baldonnell	c	bor bc	oo	or bc	69	54	43				7.0																										
Holyhead	c bcq	c bc c	c	c bc	68	56	49				4.0																										
Liverpool (Bidston)	oo	c	bor bc		71	43	36																														
Manchester (Alex. Pk.)	oo	c	bc oo		80	43	40				8.8																										
Howden	c	bor bc	bor bc	c	77	55					6.6																										
Spurn Head	c	c	c	c	78	50	43				10.4																										
Nottingham	c	c	bor bc	bor bc	79	46	42				9.0																										
Cranwell	c	c	bor bc	c	83	55	53				10.6																										
Gorleston	c	c	bor bc	c	83	50	46																														
Palham	c	c	c	bor bc	85	52	50				10.7																										
Felixstowe	c	bor bc	c	c	68	54	56	0.1			6.8																										
Valencia (Cahirciveen)	c bc c	c bc c	oo	oo	72	55					9.7																										
Roches Point	c	bor bc	bor bc	bor bc	74	5					14.6																										
Pembroke (St. Ann's H.)	c	bor bc	bor bc	bor bc	85	47	39				9.4																										
Ross-on-Wye	c bc c	c bc c	bor bc	bor bc	87	44	35				10.4																										
Benson	c	c	bor bc	c	88	50	44																														
S. Farnborough	bor bc	c	bor bc	c	85	55	44				8.6																										
London (Kew)	Obs	bc bc	bc bc	bb	86	51	43				9.0																										
Croydon	bc bc	bc c	bor bc	bor bc	86	51	43				10.3																										
Clacton-on-Sea	bc	cyz	c bc bc	c bc bc	90	53	48				9.9																										
Shoaburnness	c	c	bor bc	c	86	55					4.9																										
Grain	form	c	form	c	83	53	49				6.5																										
Lympe	bc c bc c	oim	c	bor bc	73	59					10.2																										
Scilly (St. Mary's)	c	c	c	c	76	51	44				12.4																										
Falmouth	c	c c bc	b	b	77	55	47				9.3																										
Plymouth	bor bc	c	bor bc	bor bc	72	59																															
Portland Bill	bor bc	bor bc	bor bc	bor bc	83	55	52																														
Calshot	bor bc	c	bor bc	bor bc	75	56																															
Dungeness	cim	c	c	bor bc	76	62																															
Jersey	ome b	b	bor bc	b																																	

Small secondary disturbances moving Eastward will cause some rain or showers in Scotland and North Ireland. The remainder of the Kingdom will remain under the influence of the large anti-cyclone centred off Southwest Ireland and the fine dry weather will continue.

Further Outlook

Continuing fine and dry in the South-Eastern districts; showers probable in North-Western half of Kingdom.

Forecast for the 24 hours commencing 15h. G.M.T. Thursday, 21st July, 1921.

1. S.E. England	Wind North or North-West moderate; fair or fine; visibility mainly good; cooler than of late.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	Wind West to North-West moderate, fresh at times; fair to cloudy, local showers possible; visibility good; cooler.
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Wind West to North-West moderate to strong; cloudy or dull, some rain or showers; visibility fair to good; moderate temperature.
12. S.W. Scotland	
13. Isle of Man	As for 7 - 10
14. N. & N.W. Scotland	Wind West to North-West fresh or strong; dull some rain, fairer later; visibility fair to good; moderate temperature.
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	As for 7 - 10.
18. N.E. Ireland	
19. S.E. Ireland	Wind Westerly moderate or fresh; fair to cloudy; visibility fair to good; cooler than of late.
20. S.W. Ireland	



# SYNOPTIC CHART FOR MORNING OF Thursday, 21<sup>st</sup> July, 1921

Scale - 1:10,000,000

Nautical Miles  
Statute Miles

LOW

Cloudy

Cloudy

Barometer

Falling

Barometer

Rising

HIGH

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

## EXPLANATION

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

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

WIND: Rough High

Direction	Distance	Visibility
Very poor	50 metres or 55 yards	
Poor	100 " "	
Indifferent	1,000 " "	
Fair	2,000 " "	
Good	4,000 " "	
Very good	7,000 " "	
	12,000 " "	
	20,000 " "	
	30,000 " "	
	Objects visible at 30,000 or beyond	



## AIR MINISTRY.

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

Page 4.

BRITISH SECTION *Thursday 21<sup>st</sup> July* 1921.

No. 202

Observations at 0100 G.M.T. 21 <sup>st</sup>														Observations at 0700 G.M.T. 21 <sup>st</sup>													
STATIONS.	Barom. at M.S.L. in in.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.			Barom. at M.S.L. in in.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.					
			Direc.	Force						Form.	Amt.	Form.			Amt.	Form.						Amt.	Form.	Amt.			
																									0-10	0-10	0-10
Lerwick ...	1013.9	-2	W	5	bc	52	85	8	-	Nb	3	A.cu	5	1012.1	-3	SW	4	bc	51	86	8	7250	St.	2	A.cu	3	
Stornoway ...	1021.2	+2	W	3	o+	5	8	3	-	+	+	+	+	1017.8	-2	W	6	o++	54	97	6	450	St	10	-	10	
Wick ...	1018.1	0	W	1	c+	49	97	9	5750	Nb	7	-	7	1016.6	-2	W	2	o+	54	97	6	800	St	10	-	10	
Castlebay ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1018.2	-2	WNW	4	o++	56	92	6	800	Nb	10	-	10	
Nairn ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1018.2	+	W	2	c+	56	...	...	...	...	...	...	10	0
Aberdeen ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1020.3	-1	SW	3	o+	56	65	8	4000	St.cu	10	-	10	5
Malin Head ...	1026.0	0	WNW	4	C/r	57	75	8	4000	St.cu	8	-	8	1014.5	-2	W	4	0	59	85	8	4000	St.cu	10	-	10	5
Benfrew ...	1025.2	0	WSW	2	0	53	85	8	2500	St.cu	10	-	10	1023.6	-1	SW	3	0	57	85	8	1500	St.cu	10	-	10	3
Leith (Inchkeith) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1021.6	0	W	5	-	56	97	8	-	-	-	A.st	7	3
Eskdalemuir ...	1026.0	0	WSW	2	C	50	85	8	4000	St.cu	6	A.cu	8	1024.8	0	WSW	3	0	52	85	7	2500	St.cu	8	A.st	2	1
Tynemouth ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1024.3	-1	WNW	3	b+	57	75	7	-	-	-	A.cu	2	1
Blacksod Point ...	1028.7	+1	W	1	b-	52	97	8	-	Cu	1	A.st	3	1027.2	-2	W	2	c+	60	74	7	5750	St.cu	8	-	8	1
Donaghadee ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1026.0	-1	WSW	2	0	57	85	7	-	-	-	A.cu	8	1
Birr Castle ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1029.6	...	W	2	c+	57	85	7	4000	St.cu	8	-	3	1
Baldonnell ...	1029.6	+1	W	2	o+	55	75	8	4000	St.cu	7	A.st	9	1029.2	0	W'S	3	b-	55	75	8	-	-	-	A.st	4	1
Holyhead ...	1028.4	0	W/N	2	C	+	+	8	2500	St.cu	2	A.st	8	1028.4	0	W	4	b+	59	85	8	-	-	-	A.st	9	1
Liverpool (Bidston) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1027.4	0	NW	4	o+	59	65	9	1500	St	5	A.cu	9	1
Manchester (Alex.Pk.) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1027.1	+1	WSW	3	...	58	75	5	7250	St.cu	5	-	4	1
Howden ...	1025.6	+2	-	0	b-	49	85	8	-	-	-	3	1026.6	+1	WSW	3	C	58	75	5	-	-	-	Ci	8	2	
Spurn Head ...	1025.0	+3	NNW	5	b	58	75	8	4000	Cu	3	-	3	1026.6	0	W	4	b	59	92	7	1500	St.	1	Ci	1	1
Nottingham ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1026.4	...	W	1	b	56	75	5	4000	Cu	1	-	3	1
Cranwell ...	1026.2	+2	NW/W	3	b+	50	85	6	-	-	-	2	1026.8	+1	WNW	4	b+	55	75	7	-	-	-	A.cu	6	0	
Gorleston ...	1025.5	+3	N	2	b-	57	92	8	-	-	-	1	1025.9	+2	N	3	b+	60	75	8	-	-	-	A.cu	6	1	
Pulham ...	1023.3	+1	NNW	1	b-	55	97	7	-	-	-	2	1025.9	+3	NW	2	b+	58	85	8	5750	St.cu	4	-	4	1	
Felixstowe ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1025.7	+2	WNW	3	b-	59	75	8	1500	St.cu	4	-	4	1
Valencia (Cahiroiveen) ...	1031.4	0	WNW	3	0	62	...	6	...	St.cu	9	-	9	1030.7	0	W/N	6	0	61	65	9	4000	St.cu	9	-	9	1
Rockes Point ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1030.2	0	NW	1	b-	58	85	8	-	-	-	Ci	2	1
Pembroke (St. Ann's H.) ...	1029.3	+1	N	1	b	65	92	9	-	-	-	0	1029.7	+1	N	1	b	59	85	9	-	-	-	A.st	2	1	
Ross-on-Wye ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1027.4	+1	NW	2	b	56	75	9	-	-	-	-	2	1
Benson ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1027.4	+2	N	2	b	58	75	8	-	-	-	Cu	1	1
S. Farnborough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1027.4	+2	N	2	b	58	65	8	4000	St.cu	1	-	3	1
London (Kew Obs.) ...	...	...	...	...	...	59	...	...	...	...	...	...	...	1027.5	+3	NNW	2	b+	60	55	8	-	-	-	Ci	3	1
Croydon ...	1025.5	+2	NW	3	b-	58	65	8	-	-	-	0	1026.8	+1	N	3	b-	60	55	8	-	-	-	-	2	0	
Clacton-on-Sea ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1025.8	+3	NNW	3	b	58	75	8	4000	Cu	2	-	1	1
Shoeburyness ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1026.3	+2	N	2	b	61	65	7	-	-	-	Ci	3	1
Grain ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1026.2	+1	NW	4	b	61	65	7	-	-	-	Ci	3	1
Lymington ...	1023.7	+5	N	5	bc	61	85	8	4000	St.cu	4	-	4	1024.5	+1	N	4	b	61	85	7	4000	Cu	1	A.st	4	1
Scilly (St. Mary's) ...	1029.5	+1	N	1	C	62	85	8	4000	St.cu	8	-	8	1029.7	+1	E/N	1	b-	67	65	9	4000	St.cu	4	-	1	1
Falmouth ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1029.3	+4	N	2	b	63	75	8	-	-	-	A.cu	0	3
Plymouth ...	1027.1	+1	N	2	b	60	75	8	-	-	-	0	1029.1	+2	NNE	1	b	60	75	8	-	-	-	-	0	1	
Portland Bill ...	1025.7	+2	NNE	4	b-	65	85	8	-	-	-	0	1027.1	+2	NNE	4	b	62	85	8	-	-	-	-	0	1	
Calshot ...	1026.3	+3	NNE	4	b	61	75	8	-	-	-	3	1027.5	+2	N/E	4	b	58	75	8	-	-	-	-	0	1	
Dungeness ...	1023.7	+4	NNE	5	bc	64	75	8	-	-	-	5	1025.0	+1	NNE	4	b-	63	75	7	-	-	-	-	0	1	
Jersey 7th ...	1026.5	+3	NW	4	b+	65	85	8	7250	CuNb	6	-	6	1026.6	+1	NNE	3	b	62	75	8	-	-	-	-	0	1
Guernsey 1st ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 20 <sup>th</sup>														SUNSHINE.			
STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. Day.	Min. Night.	Night 12h-2h.	Day 2h-12h.	Sunrise to 17h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. Day.	Min. Night.	Night 12h-2h.	Day 2h-12h.	Sunrise to 17h.	Sunrise to Sunset.
Banff ...	o.c.bc	bc.c	62	57	1	-	5.1	5.0	Paignton ...	b	b.bc	84	63	-	-	11.2	10.1
Montrose ...	b	b	75	60	-	-	10.0	4.0	Ilfracombe ...	o.c.bc	bc.c.o	69	64	-	-	3.8	8.2
Llandudno ...	o.c.c	c.b	68	64	-	-	2.8	3.5	Bude ...	c	c	74	61	-	-	5.0	11.2
Colwyn Bay ...	b	b	79	64	-	-	2.7	5.4	Penzance ...	c.bc	bc.c	76	64	-	-	11.1	11.1
Rhyl ...	o.c.c	bc	68	64	-	-	2.2	4.3	Torquay ...	bc	bc	81	66	-	-	11.5	12.2
Southport ...	o.c.c	c.bc.b	68	64	-	-	4.0	1.8	Weymouth ...	b	b	86	64	-	-	11.5	11.1
Blackpool ...	o.c.bc	b	68	63	-	-	3.6	1.8	Bournemouth ...	b	b	85	65	-	-	11.1	12.0
Harrogate ...	o.c.bcp	bc.b	72	62	-	-	5.5	6.7	Portsmouth (S'thsea) ...	b	b	84	68	-	-	9.7	13.3
Skegness ...	bc.b	bc.b	80	60	-	-	10.4	6.8	Worthing ...	b.bc	b	82	68	-	-	9.9	13.2
Aberystwyth ...	o.c.c	bc.c	68	64	-	-	3.5	6.0	Brighton ...	bc	bc	78	62	-	-	10.0	12.3
Bath ...	b.bc	bc.c	83	65	-	-	6.3	5.5	Eastbourne ...	b.	b.bc	82	64	-	-	10.1	12.3
Leamington Spa ...	c.b	bc	81	64	-	-	5.3	6.9	Hastings ...	b.bc	bc	81	64	-	-	9.3	12.3



DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.21792

Friday, 22<sup>nd</sup> July 1921.

Page 1.

BRITISH SECTION.

No. B.L. 1772

T. 1912, July 21, 1921.

Page 1.

Observations at 1300 G.M.T. 21 <sup>st</sup>															Observations at 1800 G.M.T. 21 <sup>st</sup>																											
STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.				Sea.	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9.	Height of Low Cloud. Feet.	Cloud.				Sea.														
			Direc.	Force						Low.	Upper.	Total.	Form.				Direc.	Force						Low.	Upper.	Total.	Form.															
Lerwick	1011.6	0	W'S	2	bc	53	92	8	4000	Cu	3	Ci	5	0	1011.1	-2	WSW	4	ot	52	97	7	-	HP	10	-	10	4	0													
Stornoway	1016.9	-2	W	6	ot	56	92	6	450	St	10	-	10	0	1014.0	-2	WSW	3	ot	56	92	6	450	St	10	-	10	2	0													
Wick	1014.9	0	W	1	ot	56	97	8	2500	HP	10	-	10	0	1013.3	-2	W	1	ot	58	97	8	2500	Cu	10	-	10	0	0													
Castellbay	1020.2	?	WNW	4	ot	58	85	7	1500	St	10	-	10	0	1016.3	?	SW	4	ot	58	92	6	200	St	10	-	10	4	0													
Nairn	1018.3	-1	W	4	0	66	55	8	2500	St	10	-	10	0	1014.6	0	W	2	0	61	61	8	-	-	-	-	-	-	0													
Aberdeen	1018.3	-1	W	4	0	66	55	8	2500	St	10	-	10	0	1016.2	-2	WSW	2	0	64	65	8	2500	St	10	-	10	0	0													
Malin Head	1023.3	-1	SW	3	ot	59	85	8	1500	St	10	-	10	0	1020.1	-5	SW	3	ot	58	85	8	4000	St	10	-	10	0	0													
Renfrew	1020.5	-1	WNW	6	0	60	75	8	-	St	10	-	10	0	1019.1	-2	W	5	ot	57	97	6	-	St	10	-	10	0	0													
Loth (Inchkeith)	1024.2	0	WSW	4	0	58	75	7	2500	St	10	-	10	0	1021.0	-2	SW	4	ot	58	75	7	2500	St	10	-	10	0	0													
Edinburgh	1023.1	-1	WNW	3	0	63	65	8	5750	St	10	-	10	0	1021.5	-2	W	2	0	64	65	7	-	-	-	-	-	-	0													
Blackhead	1024.9	-1	SW	4	ot	63	75	7	1500	St	10	-	10	0	1020.1	-5	SW	4	0	64	75	7	1500	St	10	-	10	2	0													
Donaghadee	1024.9	-2	WSW	2	ct	66	65	8	5750	St	8	-	8	0	1024.1	-2	WSW	2	ct	66	65	8	4000	Cu	8	-	8	0	0													
Birr Castle	1027.5	0	S	2	ot	65	75	7	4000	St	9	-	9	0	1023.6	0	SW	2	ct	67	75	8	4000	Cu	5	-	5	0	0													
Baldonnell	1026.9	-3	W	4	ot	68	55	8	4000	St	9	-	9	0	1023.2	-5	SW	4	ct	66	65	8	4000	St	4	-	4	0	0													
Holyhead	1027.4	-1	SW	4	ot	64	75	8	2500	Cu	1	Ci	5	0	1024.4	-3	SW	4	bc	62	85	9	-	-	-	-	-	-	0													
Liverpool (Bidston)	1026.7	-1	W'N	4	ct	63	65	7	2500	St	5	Ci	8	0	1023.9	-3	WNW	2	bc	65	55	8	-	-	-	-	-	-	0													
Manchester (Alex. Pt.)	1027.0	0	NW	5	0	64	55	9	2500	St	10	-	10	0	1024.0	-3	WNW	2	bc	66	55	8	5750	St	4	-	4	0	0													
Howden	1024.9	-1	WSW	4	ct	69	55	8	4000	St	2	Ci	8	0	1024.1	-1	W	4	ct	65	65	6	4000	St	6	-	6	0	0													
Spurn Head	1026.1	0	NW	3	bc	70	97	7	2500	Cu	3	Ci	6	0	1024.2	-2	WNW	3	bc	67	75	7	1500	St	3	-	3	0	0													
Nottingham	1025.6	0	W	3	ct	69	55	6	4000	Cu	3	Ci	8	0	1023.9	0	W	2	bc	68	55	6	-	-	-	-	-	-	0													
Cranwell	1025.2	-1	NW	4	0	69	45	7	4000	Cu	2	Ci	9	0	1023.7	-2	NW	3	0	70	55	7	7250	St	3	-	3	0	0													
Gorleston	1024.3	-1	NE	5	bc	69	55	8	-	-	-	-	-	0	1024.1	-1	S	2	bc	63	65	8	-	-	-	-	-	-	0													
Pulham	1025.1	-2	NW	3	ct	70	55	9	5750	St	5	Ci	7	0	1024.3	0	SSE	2	0	65	65	8	4000	St	6	-	6	0	0													
Fullstowe	1025.4	-1	WNW	3	bc	74	45	8	-	-	-	-	-	0	1024.9	-1	E	3	0	62	75	8	-	-	-	-	-	-	0													
Valencia (Cahirciveen)	1029.1	-1	SW'W	3	0	64	65	9	4000	St	10	-	10	0	1025.7	-5	SSW	3	ct	64	65	9	4000	St	8	-	8	0	0													
Roshea Point	1028.9	-2	SSW	4	bc	65	75	8	4000	Cu	3	Ci	5	0	1026.0	-5	WSW	3	bc	67	75	8	4000	Cu	2	-	2	0	0													
Pembroke (St. Ann's H.)	1029.0	-1	W	2	bc	63	85	9	-	-	-	-	-	0	1026.8	-2	WSW	3	bc	61	85	9	-	-	-	-	-	-	0													
Ross-on-Wye	1026.1	-3	WNW	3	bc	74	45	9	-	-	-	-	-	0	1023.9	-2	NW	1	ct	74	55	9	-	-	-	-	-	-	0													
Benson	1025.7	-3	NW	2	bc	72	45	8	-	-	-	-	-	0	1023.6	-2	NNW	1	ct	75	45	8	1500	St	6	-	6	0	0													
St. Farnborough	1025.7	-2	NW	2	bc	72	45	8	-	-	-	-	-	0	1023.2	-2	NNW	2	ct	74	45	8	-	-	-	-	-	-	0													
London (Kew Obsy.)	1025.6	-3	NW	3	bc	71	45	8	-	-	-	-	-	0	1024.2	-2	NNW	2	ct	73	45	8	-	-	-	-	-	-	0													
Croydon	1025.4	-3	W	2	bc	73	35	9	-	-	-	-	-	0	1024.3	-1	NNW	2	ct	72	45	8	-	-	-	-	-	-	0													
Clacton-on-Sea	1025.2	-2	NW	1	bc	73	45	7	-	-	-	-	-	0	1024.5	0	ESE	4	ct	64	85	7	-	-	-	-	-	-	0													
Shoeburyness	1025.1	-2	W	3	bc	73	35	8	-	-	-	-	-	0	1024.2	-1	0	0	ct	69	55	7	4000	St	5	-	5	0	0													
Grain	1025.1	-1	SE	4	bc	67	75	8	5750	St	2	Ci	4	0	1024.1	-1	0	0	0	71	45	8	-	-	-	-	-	-	0													
Lymington	1025.1	-1	SE	4	bc	67	75	8	5750	St	2	Ci	4	0	1024.5	-1	SSE	2	0	63	75	8	5750	St	2	-	2	0	0													
Selly (St. Mary's)	1029.0	0	0	0	bc	69	65	8	4000	Cu	1	-	1	0	1027.4	-1	0	0	bc	68	65	8	4000	Cu	4	-	4	0	0													
Yarmouth	1028.1	-2	NW	3	bc	73	45	9	-	-	-	-	-	0	1026.8	-2	NNW	3	bc	67	65	8	-	-	-	-	-	-	0													
Plymouth	1027.9	-2	N	2	bc	73	45	9	-	-	-	-	-	0	1025.9	-1	NNW	3	bc	69	55	8	-	-	-	-	-	-	0													
Portland Bill	1026.6	-2	W	2	bc	67	75	8	-	-	-	-	-	0	1026.1	-3	W	4	bc	65	75	8	-	-	-	-	-	-	0													
Calshot	1026.1	-2	WNW	3	bc	71	55	8	-	-	-	-	-	0	1024.6	-1	WSW	5	ct	68	85	8	-	-	-	-	-	-	0													
Dungeness	1025.8	-1	E	2	bc	66	75	8	5750	St	4	-	4	0	1024.5	-1	SW	2	bc	65	85	8	-	-	-	-	-	-	0													
Jersey	1027.3	0	NNE	3	bc	66	75	8	-	-	-	-	-	0	1026.4	-1	NE	3	bc	66	55	8	-	-	-	-	-	-	0													
LONDON OBSERVATIONS.															LONDON OBSERVATIONS.																											
WEATHER.			TEMPERATURE.			RAIN-FALL. In.	SUN-SHINE. hrs.	HUMIDITY.		ATMOSPHERIC POLLUTION. Lbs. of Solid Impurity per million cubic yards.	SOLAR RADIATION. Vertical component per square centimetre.		POLE STAR RECORD at Greenwich Obsy.																													
Morning.	Afternoon.	Night.	Max. °F.	Min. °F.	Min. on Grass °F.			15h. G.M.T. %	9h. G.M.T. %		During yesterday.		Exposure from 21 <sup>st</sup> to 22 <sup>nd</sup> 21 <sup>st</sup> to 22 <sup>nd</sup> 21 <sup>st</sup> to 22 <sup>nd</sup>																													
24 HOURS ENDED 0900 G.M.T. 22 <sup>nd</sup>															24 HOURS ENDED 0900 G.M.T. 22 <sup>nd</sup>																											
Croydon	Wbcy	c	79	55	46	-	11.5	36	54	94 Hr. ended 1800 G.M.T. 21 <sup>st</sup>	South Kensington.		Stars.																													
Greenwich (Royal Obsy.)	Wbcy	bc	79	55	41	-	10.6	36	54	Max. Time. Min. Time.	Total 2312.100les		Exposure.																													
City (Bunhill Row)	bc	c	79	55	41	-	10.6	36	54	0.2 2200 2.0 402 0100 21 0200 21	Average Rate		h. m. h. m. %																													
Woolwich (St. James' Pk.)	bc	c	78	58	52	-	10.3	38	56	0.2 2200 2.0 402 0100 21 0200 21	Maximum Rate		5.0 5.0 100																													
Regents' Pk. (Botanical Gdns.)	bc	c	78	58	52	-	10.3	38	56	0.2 2200 2.0 402 0100 21 0200 21	8.4 Milliwatts.		5.0 5.0 100																													
Golden Sq. (Brit. Rainfall)	bc	c	78	58	52	-	10.3	38	56	0.2 2200 2.0 402 0100 21 0200 21	8.4 Milliwatts.		5.0 5.0 100																													
Kennington Palace	bc	c	78	58	52	-	10.3	38	56	0.2 2200 2.0 402 0100 21 0200 21	8.4 Milliwatts.		5.0 5.0 100																													
Woolwich Observatory	bc	c	78	58	52	-	10.3	38	56	0.2 2200 2.0 402 0100 21 0200 21	8.4 Milliwatts.																															

\* Information for these columns not usually received.

1 The barometric change is expressed in half millibars.

† For code see page 8.

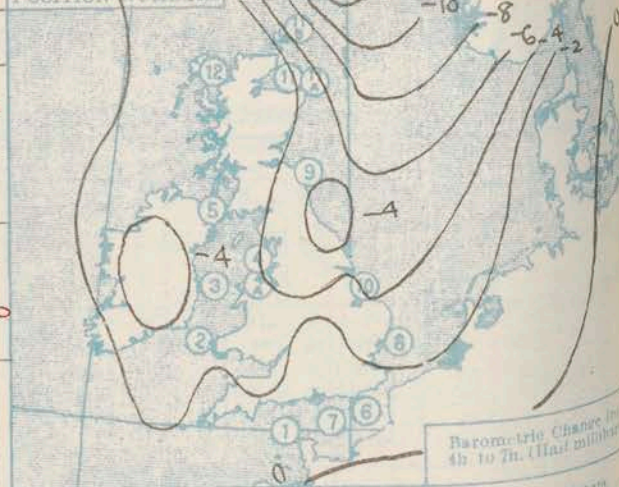


## SUMMARIES FOR THE PAST 24 HOURS.

ISALLOBARS

July, 22nd

POSITION NUMBERS



Position Number	7	7	3	1	6
Date	21st	21st	21st	21st	21st
Time (G.M.T.)	02.37	02.37	02.37	02.37	02.37
Sea ° F	60	60	60	60	61
Air ° F	62	63	65	61	61

## GENERAL INFERENCE.

A large and deep depression centred near the Faroe Islands is moving Eastward or South-Eastward causing strong Westerly winds over the whole Kingdom. Further rain in the North is to be anticipated and showers may extend later to the South. Wind will tend to become more Northerly and a further fall of temperature is probable.

## Further Outlook.

## Districts.

Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 22nd July, 1921.

1. S.E. England
2. E. England
3. E. Midlands
4. W. Midlands
5. S.W. England
6. South Wales

Wind South-West veering towards North-West moderate to fresh; cloudy, perhaps showers later; visibility good; temperature lower.

7. North Wales
8. N.W. England
9. N. Midlands
10. N.E. England
11. E. Scotland
12. S.W. Scotland
13. Isle of Man

Wind South-West veering towards North-West fresh or strong; dull some rain or showers, fairer on Saturday; visibility mainly good but local mist; temperature lower.

14. N. & N.W. Scotland
15. Hebrides
16. Orkneys and Shetlands
17. N.W. Ireland
18. N.E. Ireland
19. S.E. Ireland
20. S.W. Ireland

Wind West veering towards North strong at first, moderating temporarily; rainy then fairer; visibility mainly good; cool.

As for 7 - 13.

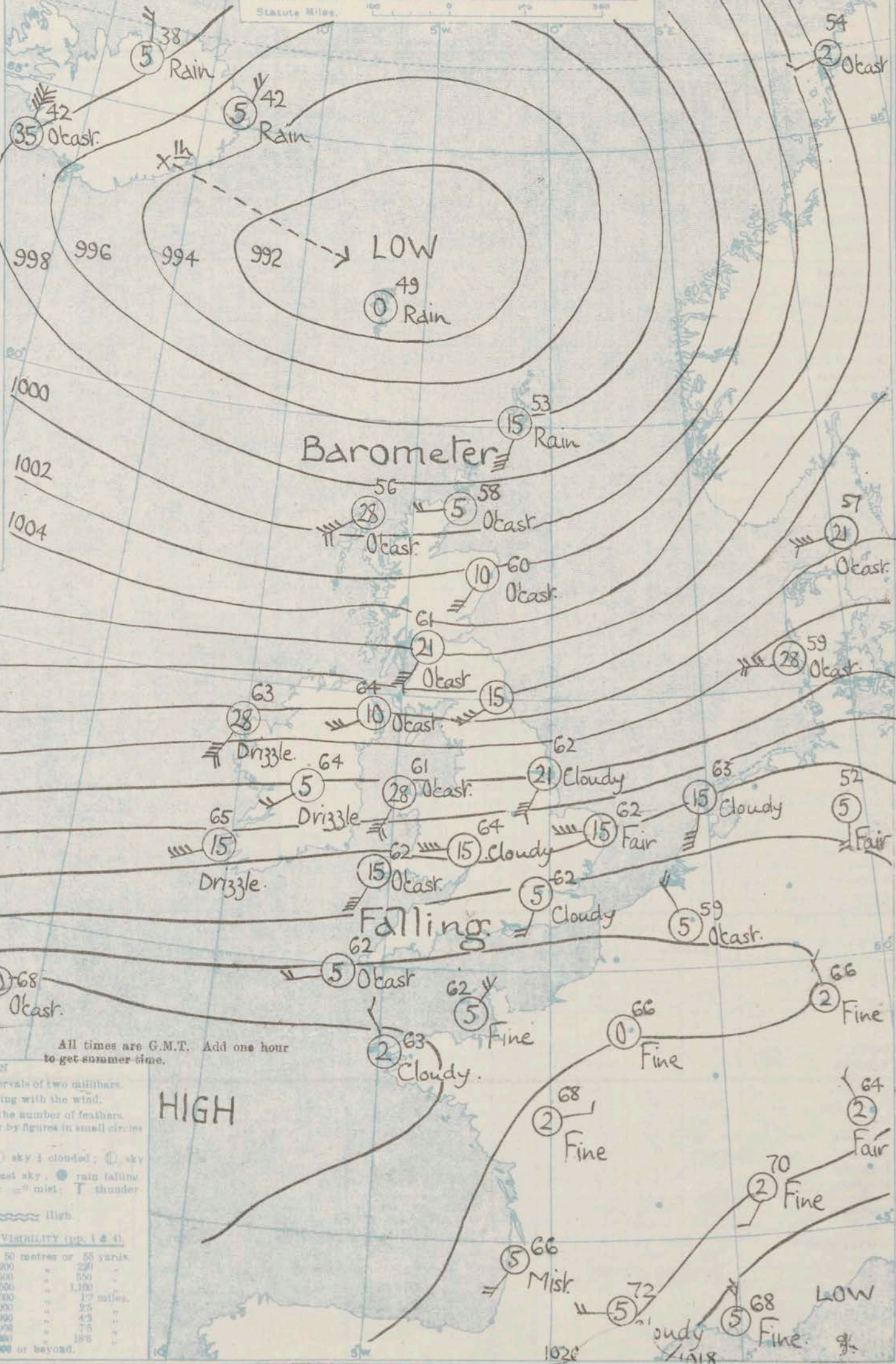
Winds between West and North; unsettled in the North, outlook doubtful for the South.



# SYNOPTIC CHART FOR MORNING OF Friday, 22nd July, 1921

Nautical Miles  
Statute Miles

Scale - 1:10,000,000



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

## EXPLANATION

Isobars are drawn for intervals of two millibars. Direction is shown by arrows flying with the wind. Wind velocity is shown by the number of feathers. Wind velocity is shown in miles per hour by figures in small circles. Wind velocity is given in m.p.h.

Cloud symbols: ○ clear sky; ○ sky 1 clouded; ○ sky 2 clouded; ○ sky 3 clouded; ○ overcast sky; ● rain falling; ▲ hail; = fog; = mist; T thunder.

Barometric symbols: ~~~~~ Rough; ~~~~~ High.

## BAROMETRIC CODE FOR SURFACE VISIBILITY (pp. 1 & 4)

Objects not visible at	50 metres or 55 yards
" "	300
" "	600
" "	1,000
" "	2,000
" "	4,000
" "	7,000
" "	12,000
" "	20,000
Objects visible at	20,000 or beyond



## AIR MINISTRY.

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

Page 4.

BRITISH SECTION. Friday, 22<sup>nd</sup> July, 1921.

No. 203

STATIONS.	Observations at 0100 G.M.T. 22 <sup>nd</sup>													Observations at 0700 G.M.T. 22 <sup>nd</sup>												
	Barom. at M.S.L. in h.	Change in 3 hours.	Wind.		Weather.	Temp. of air.	Humidity. %	Visibility. 0-6 Feet	Cloud.			Barom. at M.S.L. in h.	Change in 3 hours.	Wind.		Weather.	Temp. of air.	Humidity. %	Visibility. 0-6 Feet	Cloud.						
			Direc.	Force					Form.	Amt.	Direc.			Force	Form.					Amt.						
																					0-12	0-10	0-10			
Lerwick ...	1006.6	-7	WSW	5	01.7	51	97	7	Nb	10	-	10	996.3	-12	SSW	4	01.7	53	97	4	4000	Nb	10	-	10	
Stornoway ...	1006.6	-9	SE	4	PR	54	97	4	SK	10	-	10	999.6	-2	WSW	6	01.7	56	92	6	450	SK	10	-	10	
Wick ...	1004.6	-9	S	4	01.7	54	97	6	SK	10	-	10	998.7	-4	W	2	0	58	92	9	5750	Nb	7	A.cu	9	
Castlebay ...													1000.3	1	SW	5	01.7	51	92	5	800	SK	10	-	10	
Nairn ...													1000.3		W	2	0	59							9	
Aberdeen ...													1002.9	-2	SW	3	0	60	85	8	1500	Nb	6	A.sk.	9	
Malin Head ...	1006.1	-12	SW	5	01.7	60	97	5	SK	10	-	10	1007.2	-1	SW	5	01.7	59	92	5	450	SK	10	-	10	
Renfrew ...	1009.5	-12	SW	4	01.7	66	97	7	SK	10	-	10	1009.5	-2	SW	5	01.7	61	88	8	1500	SK	10	-	10	
Leith (Buchkeith) ...													1003.1	-7	WNW	6	0	62	92	9		SK	10	-	10	
Eskdalemuir ...	1014.6	-6	SSW	3	01.7	66	85	7	Nb	10	-	10	1007.9	-5	SW	6	01.7	57	97	5	800	SK	10	-	10	
Tynemouth ...	1014.7	-7	WSW	3	01.7	59	75	7	SK	4	A.sk.	10	1009.5	-4	WSW	4	0	62	75	6	7250	SK	9	A.cu	10	
Blackod Point ...	1013.7	-5	SW	4	01.7	63	97	6	SK	10	-	10	1011.5	-4	SW	6	01.7	63	85	6	450	SK	10	-	10	
Donsghadee ...													1011.4	-2	WSW	3	01.7	64	85	8	4000	SK	10	-	10	
Birr Castle ...													1014.5		SW	2	01.7	64	97	7	4000	Nb	8	A.sk.	10	
Baldonell ...	1018.3	-7	SW	5	01.7	60	75	8	SK	10	-	10	1014.4	-4	SW	4	0	62	92	5	800	SK	10	-	10	
Holyhead ...	1019.3	-4	SW	4				6	SK	10	-	10	1014.4	-3	SW	6	01.7	61	97	8	4000	SK	10	-	10	
Liverpool (Bidston) ...													1014.1	-3	SW	5	0	62	75	8	800	SK	10	-	10	
Manchester (Alex.Pk.) ...													1015.4	-6	SW	3	0	62	75	8	4000	SK	3	A.cu	10	
Howden ...	1018.4	-5	SSW	2	0	57	85	6	SK	5	A.sk.	9	1013.8	-4	SW	4	0	62	75	7	4000	SK	10	-	10	
Spurn Head ...	1020.3	-2	SW	2	0	60	86	7	SK	10	-	10	1015.7	-5	SW	5	0	62	85	8	1500	SK	10	-	10	
Nottingham ...													1017.1		W	4	0	62	75	5	4000	SK	10	-	10	
Cranwell ...	1020.6	-4	WSW	3	01.7	57	75	6			A.cu	10	1016.4	-5	SW	5	0	61	75	8	5750	SK	10	-	10	
Gorleston ...	1021.6	-2	WSW	3	01.7	57	75	8			A.cu	4	1018.0	-3	W	4	0	62	65	7		SK	10	-	10	
Pulham ...	1021.3	-4	S	2	01.7	66	97	7			A.sk.	2	1018.1	-1	W	2	0	60	75	8	5750	SK	10	-	10	
Felixstowe ...													1019.8	-2	SW	4	0	62	85	7	4000	SK	10	-	10	
Valencia (Cahiroiveen) ...	1020.4	-6	SSW	3	01.7	63		6					1017.4	-1	SW	4	01.7	65	97	6	450	SK	10	-	10	
Roche Point ...													1018.9	-4	SW	4	0	65	92	7	800	SK	10	-	10	
Pembroke (St. Ann's H.) ...	1022.3	-2	SW	4	0	61	85	9	SK	8	-	8	1019.3	-2	SW	4	0	62	97	8	4000	SK	10	-	10	
Ross-on-Wye ...													1018.6	-2	SW	4	0	64	75	6					7	
Benton ...													1019.5	-1	WSW	3	0	62	75	8		SK	10	-	10	
S. Farnborough ...													1020.6	0	WSW	3	0	59	85	9	2500	SK	10	-	10	
London (Kew Obs.) ...						58							1020.2	-1	SW	2	0	62	75	7	4000	SK	10	-	10	
Croydon ...	1022.0	-3	NW	1	01.7	57	85	8			A.sk.	3	1020.7	-1	WSW	3	0	60	75	8	4000	SK	10	-	10	
Clacton-on-Sea ...													1019.5	-3	WSW	3	0	62	85	7		SK	10	-	10	
Shoeburyness ...													1019.9	-2	WSW	2	0	61	75	5	4000	SK	10	-	10	
Grain ...													1019.8	-3	SSW	3	0	61	85	6		SK	10	-	10	
Lymington ...	1022.7	-3	SE	2	01.7	57	92	8			A.cu	2	1020.3	-1	SW	3	0	60	97	5	800	SK	10	-	10	
Scilly (St. Mary's) ...	1025.2	-1	WNW	1	0	62	85	9	SK	10	-	10	1022.2	-2	W	2	0	62	85	9	5750	SK	10	-	10	
Falmouth ...													1021.9	-1	W	2	0	63	75	8	5750	SK	10	-	10	
Plymouth ...	1024.4	-2		0	0	56	85	8					1023.0	-2	WN	3	0	62	75	8	2500	SK	10	-	10	
Portland Bill ...	1026.3	0	WSW	2	0	62	85	8					1021.7	-4	W	4	0	63	85	8					8	
Calshot ...	1023.0	-2	W'S	3	01.7	58	85	8			A.sk.	5	1021.1	-2	W'S	3	0	60	85	8					5	
Dungeness ...	1022.7	-1	SSW	2	0	60	97	8	SK	10	-	10	1020.4	-1	SW	4	0	63	92	8					2	
Jersey Th. ...	1024.0	-4	W	3	0	59	85	8			A.sk.	2	1022.7	0	NE	2	0	62	85	8						
Guernsey Th. ...																										

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 21 <sup>st</sup>													21 <sup>st</sup>												
STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.									
	Forenoon.	Afternoon.	Max. Day.	Min. Night.	Night 11th-12th.	Day 12th-1st.	Sunrise to Sunset 21st.			Forenoon.	Afternoon.	Max. Day.	Min. Night.	Night 11th-12th.	Day 12th-1st.	Sunrise to Sunset 21st.									
Banff ...	0	0	66	53	-	-	0.6	6.0	Paignton ...	b	b	74	51	-	-	11.7	13.3								
Montrose ...	0	0	68	52	-	-	0.7	12.2	Ilfracombe ...	b	b	65	60	-	-	12.2	1.5								
Llandudno ...	c	c.b	66	55	-	-	3.7	3.6	Bude ...	b	b	67	45	-	-	11.5	5.6								
Colwyn Bay ...	b	b	67	53	-	-	4.5	3.8	Penzance ...	c.b	b	74	56	-	-	10.0	12.9								
Rhyl ...	0.b.c	c.b.c	67	57	-	-	2.7	3.4	Torquay ...	b	b	73	57	-	-	11.8	13.0								
Southport ...	0.c.b.c	c.b.c	66	56	-	-	3.9	6.5	Weymouth ...	b	b	80	54	-	-	12.3	12.4								
Blackpool ...	c.b.c	c	67	57	-	-	4.7	5.5	Bournemouth ...	b	b	77	52	-	-	11.8	12.5								
Harrogate ...	c	c	69	46	-	-	4.3	7.7	Portsmouth (S'theca) ...	b	b	78	55	-	-	11.8	13.0								
Skegness ...	b	b.b.c.b	69	48	-	-	11.9	11.0	Worthing ...	b.c	b.c	74	55	-	-	10.5	11.5								
Aberystwyth ...	c.b	b.c.c	67	52	-	-	8.0	6.0	Brighton ...	b	b.b.c	73	57	-	-	11.7	11.5								
Bath ...	b	b.b.c	76	53	-	-	10.3	7.8	Eastbourne ...	b	b.b.c	74	56	-	-	12.0	10.5								
Leamington Spa ...	b.c	b	72	48	-	-	8.5	7.7	Hastings ...	b.b.c	b.c	72	56	-	-	11.0	9.7								
Lowestoft ...	b.c	b.c	68	50	-	-	11.4	9.0	Folkestone ...	b	b	78	53	-	-	11.3	9.4								
Felixstowe ...	b.c	c	73	53	-	-	9.3	10.3	Tunbridge Wells ...	b	b	76	57	-	-	8.7	7.2								
Southend ...	b	b.c.c	79	53	-	-	9.5	9.2	Ramsgate ...	b.c	b.c	76	57	-	-	7.5	9.3								
									Margate ...	b.c.b	b.b.c	72	60	-	-										



# AIR MINISTRY.

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

BRITISH SECTION.

No. B.21,793

Saturday... 23<sup>rd</sup> July... 1921.

Page 1.

BRITISH SECTION.																	No. B.21,793	Saturday, 23rd July, 1921.																	Page 1.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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LONDON OBSERVATIONS.		WEATHER.			TEMPERATURE.			RAIN-FALL. Hrs.		HUMIDITY.		ATMOSPHERIC POLLUTION.		SOLAR RADIATION.		POLE STAR RECORD at Greenwich Obsy.																																				
		Morning.	Afternoon.	Night.	Max. of.	Min. of.	Min. on G. max. of.	Day.	Night.	Sunshine to Sunset. Hrs.	15h. G.M.T. %	9h. G.M.T. %	Lbs. of Solid impurity per million cubic yards.		Vertical component per square centimetre.		Exposure from																																			
24 hours ended 0700		24 HOURS ENDED 0000 G.M.T. 23 <sup>rd</sup>							YESTERDAY.		TO-DAY.		24 Hrs. ended 1800 G.M.T. 22 <sup>nd</sup>		During yesterday.		22 <sup>nd</sup> 21 <sup>st</sup> b. 30 <sup>th</sup>																																			
Croydon		cccy	cccy	cccy	*	*	65	-	-	6.0	*	*	South Kensington		South Kensington.		to 23 <sup>rd</sup> 2 <sup>nd</sup> b. 30 <sup>th</sup> .																																			
City (Birchill Row)		bcc	cc	cc	52	65	61	-	-	6.8	48	67	Max. Time. Min. Time.		Total 1821 joules		Stars. Exposure. Record.																																			
Westminster (St. James' Pk.)		*	*	*	78	67	64	-	-	6.1	50	66	0.2 0100 22 0.2 0800 22 0.2 0500 22		Average Rate		Polaris 5.0 2.36 52																																			
Regents Pk. (Botanical Obsy.)		*	*	*	*	*	*	-	-	5.5	51	71	New Observatory		Maximum Rate		Ursae 5.0 2.5 42																																			
Hampton Palace		bc	c	*	80	66	64	-	-	*	54 (rel)	73	Max. Time. Min. Time.		8.3 Milliwatts.		Minoris																																			
Hampton Observatory		bc	bcc	*	78	65	65	-	-	5.7	*	*	0.6 0400 22 0.4 0700 22 0.4 1600 22																																							
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.		BRAUFOOT NOTATION OF WEATHER.															THE BRAUFOOT 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.			BENEFORT NO.			STATUTE MILES PER HOUR.		METRES PER SECOND.																											
STATIONS.		23 <sup>rd</sup> & 24 <sup>th</sup> July 1921.			b blue sky (not more than a quarter covered). bc sky partly cloudy (one half covered). c generally cloudy (three-quarters covered). d drizzle, or fine rain. f fog. h hail. KQ line squall. i lightning. m mist. o overcast sky. p passing showers. r rain. sc sleet, i.e., rain and snow together. s snow. t thunder. x dust haze; the turbid atmosphere of dry weather.															With present weather is combined, whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions, thus: - b/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; b/r = "hail" or "rain and hail"; bc = cloud 5-5; cc = cloud 6-10.  Capital letters indicate intensity, and repetition of letters continuity, thus: - R = heavy rain. rr = continuous moderate rain. r.r. = continuous light rain.															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.			Calm or slight sea. Moderate sea.			8 1 2 3 4 5 6 7 8 9 10 11 12			Less than 1. 1-5 6-7 8-12 13-18 19-24 25-31 32-38 39-46 47-54 55-63 64-75 Above 75			Less than 0.5 0.5-1.5 1.6-3.3 3.4-5.4 5.5-7.9 8.0-10.7 10.8-13.5 13.6-17.1 17.2-20.7 20.8-24.4 24.5-28.4 28.5-33.5 33.6 or above		
Sunrise.		Noon.		Sunset.																																																
G.M.T.		G.M.T.		G.M.T.																																																
4.0		11.59		7.58																																																
4.2		11.59		7.56																																																
4.12		12.6		8.0																																																
4.13		12.6		7.59																																																
4.45		12.12		8.51																																																
4.47		12.13		8.49																																																
4.50		12.47		8.44																																																
4.52		12.47		8.42																																																

Information for these columns not usually received. The barometric change is expressed in half millibars. For code see page 2.

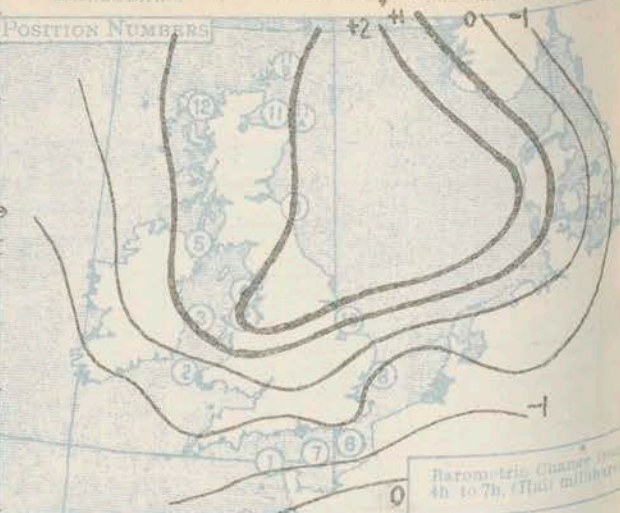


## SUMMARIES FOR THE PAST 24 HOURS.

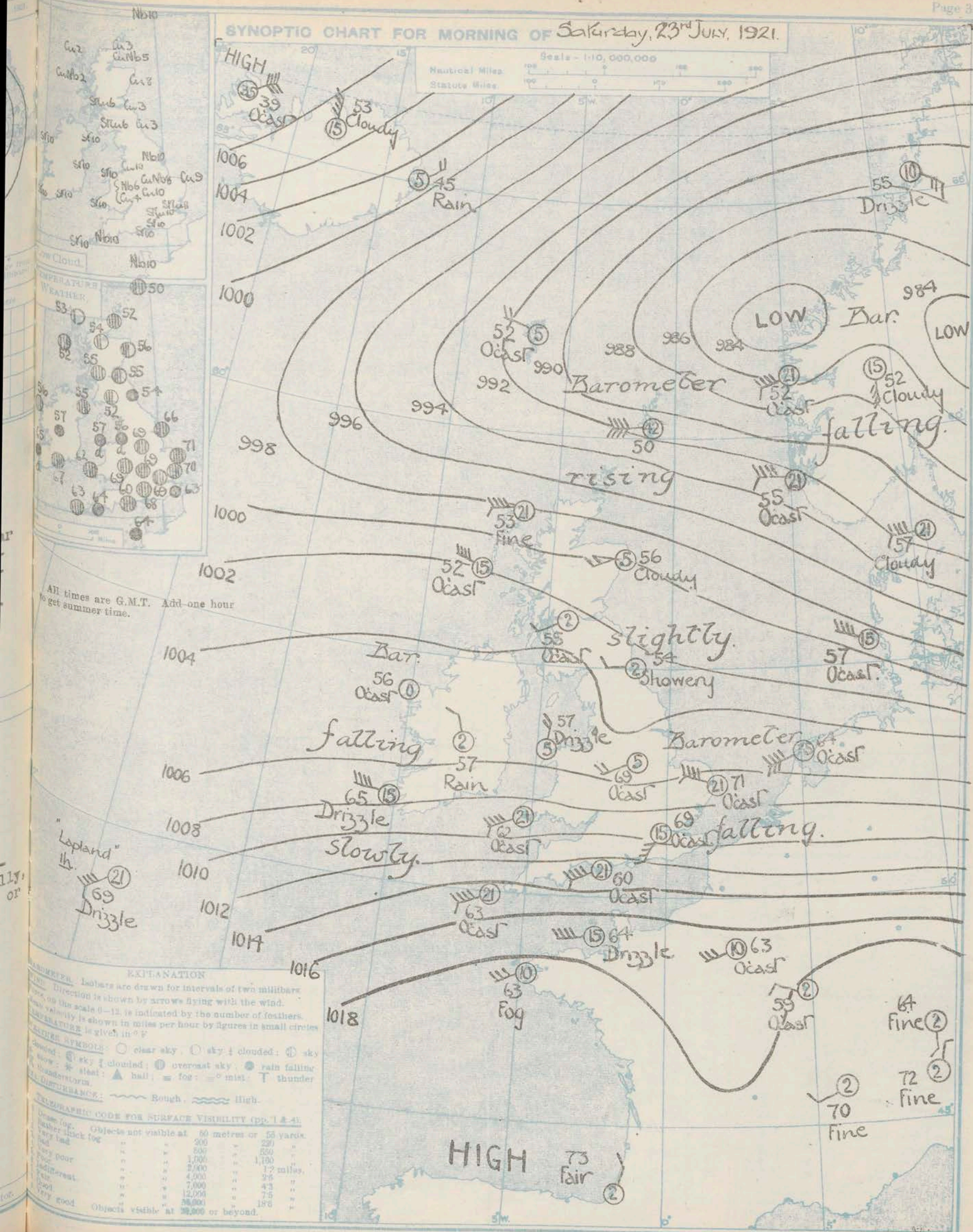
ISALOBARS.

Saturday, 23<sup>rd</sup> July.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN. Hours.
	7h.-18h.	18h.-18h.	18h. 22nd	1h.-7h.	MAX. Day.	MIN. Night.	MIN. on GRASS.	Day.	Night.	Precipitation began.	
Lerwick ...	00	F	0p	00	56	47	0	1	-	-	0
Stornoway ...	P	P	p	3pbc	58	47	0	0.3	3	-	2.5
Wick ...	P	00	c	p	66	48	0	0.4	0.2	0.4.30	0
Castlebay ...	00	0p.0	000	0p.0	58	51	0	0.3	0.4	-	0.0
Nairn ...	b. bcq	q. bc	c	c	69	51	0	-	-	-	3.9
Aberdeen ...	c	c	c	c	74	53	4.6	-	-	-	1.2
Malin Head ...	09	10.6	00	00	60	53	0	5	2	14.30	0.0
Renfrew ...	0.4	0.7	0.0	0.0	64	52	4.8	0.2	0.6	15.30	1.0
Leith (Inchkeith) ...	Tord	Tord	c	c	63	54	5.1	Trace	1	16.30	0.5
Esksdalemuir ...	0.1	0.1	0.1	0.1	63	49	4.8	13	4	12.30	0.5
Tynemouth ...	1m	1m	0.1	0.1	70	54	0	-	2	-	0
Blackad Point ...	mro	Tord	0.1	0.1	64	54	0	9	0.6	-	0
Donaghadee ...	cq	1.7m	1.7m	1.7m	69	53	0	5	11	13.30	0
Birr Castle ...	P	Tord	0.1	0.1	70	56	5.1	2	9	-	0.6
Baldonnell ...	Tord	Tord	1.7m	1.7m	71	54	5.5	0.4	8	-	0.4
Holyhead ...	00	00.0m	cq	d.0	66	56	5.2	-	2	22.00	0.4
Liverpool (Bidston) ...	p	c	0.1	0.1	74	56	5.2	Trace	2	-	2.9
Manchester (Alex.Pk.) ...	00	00	0.1	0.1	74	59	5.8	Trace	0.7	09.00 22.00	0
Howden ...	00	00	00	0.1	75	59	5.8	-	1	02.30	0.1
Spurn Head ...	c	00	c	p	72	61	0	-	TRACE	02.30	0
Nottingham ...	c	c	0.1	0.1	75	67	6.5	0.8	TRACE	09.00.00	2.5
Cranwell ...	00	00	0.1	0.1	76	67	6.4	-	-	-	2.6
Gorleston ...	bcq	c	c	0.1	75	65	6.5	-	-	-	7.8
Pulham ...	00	00	c	0.1	77	65	6.3	-	-	-	4.5
Felixstowe ...	c	c	c	c	77	66	6.5	-	-	-	7.4
Valencia (Cahirciveen) ...	0.1	0.1	0.1	0.1	69	65	6.3	0.2	3	-	0.1
Roches Point ...	00	0.1	0.1	0.1	72	65	0	0.2	0.1	14.30	0
Pembroke (St. Ann's H.) ...	00	0.1	0.1	0.1	65	62	0	-	0.4	0.4.30	3.2
Ross-on-Wye ...	00	0.1	0.1	0.1	74	66	6.4	-	-	-	1.2
Benson ...	c	00	00	00	78	65	6.2	-	-	-	0
S. Farnborough ...	c	00	00	00	79	66	6.3	-	-	-	4.3
London (Kew) ...	c.0.0	0.1	0.1	0.1	78	67	6.5	-	-	-	6.0
Croydon ...	c.0.0	0.1	0.1	0.1	77	65	6.3	-	-	-	0
Olacton-on-Sea ...	bc	c.2	c.2	c.2	78	65	6.4	-	-	-	6.3
Shoeburyness ...	c	c	c	c	78	64	6.0	-	-	-	7.7
Grain ...	c	c	c	c	79	64	5.5	-	-	-	7.9
Lympe ...	cq	c.0.1	0.1	0.1	75.3	61	5.8	-	-	-	8.3.7
Scilly (St. Mary's) ...	c	0.1	0.1	0.1	70	61	0	Trace	0.1	14.30 24.00	0.8
Falmouth ...	c	0.1	0.1	0.1	72	63	6.2	-	1	22.00	0.6
Plymouth ...	00	00	0.1	0.1	67	63	6.2	-	0.2	-	0.3
Portland Bill ...	bc	00	00	00	66	57	0	-	-	-	0
Calshot ...	c	00	00	00	70	65	6.5	-	-	-	11.1
Dungeness ...	bc	c	c	0.1	69	63	0	-	TRACE	-	0
Jersey ...	bc	c	bc	0.1	69	63	0	-	0.1	05.20	14.0









# AIR MINISTRY.

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

Page 4.

BRITISH SECTION. *Saturday, 23<sup>rd</sup> July, 1921.*

No. 204

Page 4.		BRITISH SECTION. Saturday, 23 <sup>rd</sup> July, 1921.											No. 204														
Observations at 0100 G.M.T. 23 <sup>rd</sup>														Observations at 0700 G.M.T. 23 <sup>rd</sup>													
STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. of.	Humidity. %	Visibility. 0-8	Height of Low Cloud. Feet	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. of.	Humidity. %	Visibility. 0-8	Height of Low Cloud. Feet	Cloud.					
			Direc.	Force.						Form.	Amt.	Total Amt.			Direc.	Force.						Form.	Amt.	Total Amt.			
																									0-10	0-10	0-10
Lerwick ...	988.7	+3	WSW	8	o/y	51	97	7	5750	Nb	10	-	10	991.6	+3	W	8	o	50	92	1	-	Nb	10	-		
Stornoway ...	993.4	-2	SSW	2	o	51	97	8	5750	Nb	10	-	10	996.7	+1	W	5	o	53	75	8	4000	Cu	2	Ac		
Wick ...	995.1	+1	WSW	3	bc	50	97	9	5750	Cu	6	-	6	996.9	+2	W	3	o	52	97	8	2500	CuNb	8	-		
Castlebay ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1002.2	+1	NW	4	o	52	85	8	1500	CuNb	2	Ac		
Nairn ...	...	...	...	...	...	...	...	...	...	...	...	...	...	998.8	...	WSW	3	bc	54	...	...	...	...	...	...		
Aberdeen ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1000.2	+2	W'S	2	C	56	65	8	2500	Cu	8	-		
Malin Head ...	1002.6	0	SSW	3	0	55	92	7	4000	Sc	10	-	10	1003.6	+2	WSW	2	C	56	85	8	4000	Cu	2	Ac		
Renfrew ...	1002.1	-1	SW	1	o	52	92	7	1500	Sc	9	-	9	1002.6	+1	WSW	1	o	53	75	8	1500	Sc	6	Ac		
Leith (Inchkeith) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1001.4	+2	WNW	5	C	55	85	8	-	Sc	3	Ac		
Eskdalemuir ...	1001.9	-1	W	4	o/d	51	85	7	1500	Nb	10	-	10	1003.5	+1	W	1	C	52	75	7	4000	Sc	6	Ac		
Tynemouth ...	1001.5	-1	W	2	o/y	56	92	7	-	-	-	-	10	1002.9	+2	W	1	o/y	54	85	8	1000	Cu	3	Ac		
Blackod Point ...	1014.7	0	-	0	o	55	92	5	450	Sc	10	-	10	1004.1	-1	-	0	o/y	56	92	7	450	Sc	10	-		
Donsghades ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1005.6	+1	W	1	o/y	55	85	8	2500	Sc	10	-		
Birr Castle ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1005.1	...	NNW	1	o/y	57	97	7	1500	Nb	10	-		
Baldonell ...	1004.5	-4	SWW	6	o/y	64	97	4	450	Sc	10	-	10	1006.4	+1	-	0	o/y	55	97	4	150	Nb	10	-		
Holyhead ...	1003.6	-3	SW	6	o	...	...	7	1500	Sc	10	-	10	1005.4	+2	N	2	o/d	57	97	7	450	Sc	10	-		
Liverpool (Bidston) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1004.9	+2	NW	2	o/y	56	92	8	800	Nb	10	-		
Manchester (Alex.Pk.) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1004.5	+2	NW	2	o/d	59	85	5	1500	Cu	10	-		
Howden ...	1003.1	-2	SW'S	84	0	67	85	7	1500	Sc	10	-	10	1003.3	+3	NNW	1	o/y	59	97	7	1500	Nb	10	-		
Spurn Head ...	1005.9	-2	W	6	C	59	92	8	1500	Sc	8	-	8	1004.2	0	WSW	4	o	66	85	8	450	Sc	10	-		
Nottingham ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1004.7	...	WSW	2	o	69	85	8	2500	CuNb	8	Ac		
Cranwell ...	1006.4	-5	SWW	15	o	68	75	8	2500	Sc	10	-	10	1005.0	-1	WSW	5	o	68	85	8	2500	Cu	8	Ac		
Gorleston ...	1009.3	-3	NW	5	C	68	75	8	-	Cu	4	Ac	7	1006.5	-3	WN	3	o	71	75	8	5750	Cu	9	-		
Pulham ...	1008.0	-3	WSW	4	o/d	67	97	8	4000	Sc	2	C	9	1006.2	0	SWW	6	o	71	85	8	2500	Sc	10	-		
Felixstowe ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1009.4	-1	WSW	5	o	69	85	8	1500	Sc	10	-		
Valencia (Cabrillo) ...	1008.0	-4	W	5	o/d	65	...	3	...	...	...	...	...	1007.4	-1	W	4	o/d	65	92	7	450	Sc	10	-		
Reches Point ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1008.0	-1	WSW	4	o	67	92	9	800	Sc	10	-		
Pembroke (St. Ann's H.) ...	1009.0	-3	WSW	6	o	64	97	7	800	Sc	10	-	10	1009.1	-1	WSW	5	o/y	62	97	6	450	Sc	10	-		
Ross-on-Wye ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1009.1	-1	WSW	6	o	69	85	8	2500	Nb	10	-		
Benson ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1008.8	0	WSW	4	o	69	85	9	-	Cu	10	-		
S. Farnborough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1010.6	0	WSW	5	o	68	85	8	1500	Sc	10	-		
London (Kew Obsy.) ...	...	...	...	...	...	68	...	...	...	...	...	...	...	1009.6	0	SW	4	o/y	69	75	9	2500	Sc	6	Ac		
Croydon ...	1012.4	-3	WSW	4	C	65	85	8	2500	Sc	6	Cu	8	1010.8	-1	WSW	4	o/y	68	75	9	1500	Sc	10	-		
Clacton-on-Sea ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1009.4	-2	WSW	5	o/y	70	75	8	2500	Sc	10	-		
Shoeburyness ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1009.1	-1	WSW	5	o	70	75	7	4000	Sc	9	-		
Grain ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1009.8	0	WSW	6	o	70	65	8	4000	Sc	10	-		
Lymington ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1010.9	-1	SW	5	o	65	92	8	800	Sc	10	-		
Boilly (St. Mary's) ...	1015.6	-2	WSW	4	o/d	63	97	5	800	Sc	10	-	10	1014.1	-1	WSW	5	o	63	97	6	800	Sc	10	-		
Falmouth ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1013.1	-2	SW	5	o/d	64	97	5	2500	Nb	10	-		
Plymouth ...	1014.7	-3	SW	4	o/d	64	97	7	225	Nb	10	-	10	1013.3	-1	SW	4	o/d	63	97	7	225	Nb	10	-		
Portland Bill ...	1014.7	-3	WSW	5	o	60	85	7	2500	Sc	10	-	10	1013.5	-2	WSW	5	o/y	60	85	7	1300	Sc	10	-		
Calshot ...	1013.3	-3	SW	5	o	65	97	8	800	Sc	10	-	10	1011.5	-1	SW	6	o	64	92	9	800	Sc	10	-		
Dungeness ...	1013.1	-2	W	6	o/y	63	97	8	450	Sc	10	-	10	1011.4	-2	WSW	7	o/d	63	97	6	450	Sc	10	-		
Jersey 7h ...	1017.8	0	WSW	5	o/y	63	85	6	4000	Nb	10	-	10	1017.0	0	W	4	o/d	64	97	7	2500	Nb	10	-		
Guernsey 1h ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		

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

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE.																			
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.	
		Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night 12h-6h.	Day 6h-12h.	Sunrise to 17h.	Sunset to 17h.			Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night 12h-6h.	Day 6h-12h.	Sunrise to 17h.	Sunset to 17h.
						mm.	mm.	hr.	hr.							mm.	mm.	hr.	hr.
Banff ...	...	o.c.	p.o.	69	53	2	0.2	1.4	0.6	Paignton ...	...	c.o.bc	c.bc.og	74	51	-	-	7.4	13.2
Montrose ...	...	c.	bc.o	72	52	-	-	2.9	?	Ilfracombe ...	...	od.c	b.od	68	58	-	-	0.7	13.5
Llandudno ...	...	c	c	71	58	-	-	0.8	5.4	Bude ...	...	oupa	g	67	50	-	-	0.1	11.9
Colwyn Bay ...	...	bc	bc.c	73	59	-	-	0.3	6.6	Penzance ...	...	o.	cp	73	58	-	-	0.8	13.5
Rhyl... ..	...	o/bc	bc.c	73	57	0.1	-	3.0	4.9	Torquay ...	...	bc.y.c	c.o	72	55	-	-	4.1	13.4
Southport ...	...	o.c.o	o.c.o	72	60	-	-	0.6	6.0	Weymouth ...	...	b.bc	bc.o	74	51	-	-	8.0	-
Blackpool ...	...	oy	c.o	70	61	-	-	0.2	6.3	Bournemouth ...	...	b	b	74	51	-	-	11.0	12.9
Harrogate ...	...	o	od	71	56	-	-	0.3	4.3	Portsmouth (St. Michael) ...	...	bc.b	b	73	57	-	-	10.9	12.3
Skegness ...	...	bo	o	75	53	-	-	2.7	13.3	Worthing ...	...	bc.b	b	71	50	-	-	9.7	11.1
Aberystwyth ...	...	O.C	C.O	67	59	-	-	0.0	10.0	Brighton ...	...	bc	bc	70	52	-	-	9.2	12.8
Bath ...	...	o.c.bc	c	74	55	-	-	2.2	10.8	Eastbourne... ..	...	bc	bc	68	60	-	-	8.6	-
Leamington Spa ...	...	b	cb	74	52	-	-	4.7	9.8	Hastings ...	...	w.c.bc	bc.c	70	59	-	-	7.8	13.5
Lowestoft ...	...	bc.	bc.c	80	58	-	-	6.5	12.3	Folkestone ...	...	bc	bc	72	54	-	-	8.2	12.0
Felixstowe ...	...	bc	bc2	78	57	-	-	7.4	9.3	Tunbridge Wells ...	...	b	b.bc	76	52	-	-	7.2	8.7
Southend ...	...	bc	bc.c	79	58	-	-	8.0	9.6	Ramsgate ...	...	bc	bc	78	56	-	-	7.1	7.0
										Margate ...	...	bc	c	79	58	-	-	6.6	8.2
										Deal ...	...	bc	bc.c	74	56	-	-	7.3	-

\* Information for these columns not usually received

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



DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 21,494

SUNDAY 24<sup>th</sup> July 1921

Page 1.

STATIONS.	Observations at 1300 G.M.T. 25 <sup>th</sup>													Observations at 1800 G.M.T. 25 <sup>th</sup>													
	Barom. at M.S.L. m.b.	Change in 3 Hours	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.			Sec.	Barom. at M.S.L. m.b.	Change in 3 Hours	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.			Sec.	
			Dirac.	Force						Form.	Amt.	Total Amt.				Dirac.	Force						Form.	Amt.	Total Amt.		
																											0-12
Lerwick	995.2	+5	N	8	c.	53	75	8	4000	CuNb	4	2	8	996.0	+1	NW	6	bc	51	85	8	5750	SrCu	4	1	6	3
Stornoway	990.0	0	NNW	4	c/r	57	65	8	4000	Nb	8	-	8	999.2	0	NW	4	bc	54	65	8	7250	CuNb	5	ACu	6	3
Wick	995.7	-2	W	3	o/r	53	71	8	4000	Nb	9	-	9	998.4	0	NW	2	bc	52	97	8	4000	SrCu	9	-	9	0
Castletay	002.7	0	NNW	4	0	55	65	7	1500	CuNb	10	-	10	1002.3	0	WNW	3	bc	53	75	8	-	SrCu	6	-	6	3
Nairn														999.7		W	1	c	55								
Aberdeen	1000.8	0	WSW	1	c	64	55	8	4000	Cu	8	-	8	1001.0	+1	SW	2	bc	53	85	7	2500	Nb	10	-	10	0
Malin Head	002.9	0	NW	3	0+	57	85	8	4000	SrCu	6	ACu	10	1003.2	+2	WNW	3	bcv	54	85	9	4000	CuNb	2	Ci	4	3
Ronfrew	1002.6	-2	WSW	2	0	60	55	9	4000	CuNb	7	ASr	9	1002.4	+2	W	1	bc	52	85	9	2500	SrCu	8	ASr	10	-
Leith (Inchkeith)	100.8	0	WNW	3	c	60	75	9	-	Cu	3	ACu	8	1007.6	-1	NW	2	bc	52	97	8	-	Nb	10	-	10	-
Falkdalemuir	002.8	-1	WSW	3	0	60	65	7	4000	SrCu	6	ACu	10	1002.8	0	-	0	bc	52	85	6	2500	Sr	10	-	10	-
Tynemouth	1002.9	-1	W	2	0	63	55	8	4000	SrCu	10	-	10	1000.8	-3	E	1	bc	57	92	5	4000	Nb	10	-	10	-
Blackod Point	1001.7	-2	N	2	D	54	97	4	450	Sr	10	-	10	1001.0	+3	NNW	2	bc	59	65	8	2500	Cu	6	-	6	2
Donaghadee	1004.0	-3	SW	2	0	59	75	8	5750	Nb	10	-	10	1004.2	+2	NNE	3	bc	52	92	8	5750	Sr	10	-	10	1
Birr Castle	1002.6	-	NW	2	c	68	92	7	2500	Nb	8	-	8	1004.0	-	NW	2	bc	57	97	7	4000	SrCu	9	-	9	-
Baldonbell	1003.3	-3	-	0	o/r	60	97	7	800	Sr	10	-	10	1002.4	+3	WN	4	bc	64	92	5	450	Sr	10	-	10	-
Holyhead	1004.1	-2	E	1	o/r	62	97	7	800	Sr	10	-	10	1001.3	-2	SW	6	bc	62	97	7	800	Sr	10	-	10	4
Liverpool (Bidston)	1004.6	-1	-	0	o/r	59	55	9	800	Nb	10	-	10	1000.8	-4	SW	5	bc	68	75	8	1500	SrCu	5	ASr	9	2
Manchester (Alex.Pk.)	1005.4	0	SE	2	d.d.	61	92	5	1500	SrNb	3	ASr	10	1002.0	-3	WSW	6	0	70	75	9	800	Sr	10	-	10	-
Howden	1005.0	+1	SW	3	0	65	75	6	1500	Sr	10	-	10	1001.2	-5	SSE	1	bc	65	97	5	800	Nb	10	-	10	-
Spurn Head	1006.3	+2	SE	3	o/r	60	97	8	450	Sr	10	-	10	1002.9	-4	SE	3	bc	63	92	8	1500	Sr	9	-	9	2
Nottingham	1005.0	-	W	2	0	60	85	5	2500	CuNb	7	ASr	10	1003.1	-	WSW	4	bc	73	65	6	2500	CuNb	8	ASr	9	-
Cranwell	1005.0	-	WSW	4	0	70	92	8	2000	Nb	8	ASr	10	1003.8	-2	SW	5	bc	73	75	8	1500	SrCu	6	ACu	7	-
Gorleston	1004.3	+1	NW	4	0	74	75	8	5750	Cu	10	-	10	1006.4	-1	NW	3	bc	78	55	8	-	-	ACu	6	5	
Pallham	1006.3	0	SW	6	0	75	85	8	2500	SrCu	10	-	10	1005.6	-2	WSW	4	c	77	75	8	4000	CuNb	5	ACu	8	-
Felixstowe	1009.0	-1	WSW	5	0	74	85	8	1500	SrCu	9	-	9	1008.8	0	SSW	6	c	71	85	8	2500	SrCu	4	ACu	8	4
Valencia (Cahirciveen)	1005.5	-1	SW	5	0	66	85	7	1500	Sr	10	-	10	1008.6	+3	NNW	5	c	69	85	8	8000	Cu	8	-	8	4
Roche's Point	1006.7	-2	WSW	5	0	67	92	5	800	Sr	10	-	10	1006.4	0	W	4	c	67	85	8	8000	CuNb	7	Ci	8	6
Pembroke (St. Ann's H.)	1001.3	-1	SW	5	0	64	97	7	450	Sr	10	-	10	1006.9	-2	SW	5	0	63	97	7	150	Sr	10	-	10	5
Ross-on-Wye	1007.3	0	WSW	5	0	75	75	8	2500	SrCu	10	-	10	1006.4	-2	SW	5	0	70	85	7	2500	Cu	9	-	9	-
Benson	1006.7	0	W	5	0	75	75	8	-	Cu	10	-	10	1007.9	-2	SW	5	0	74	75	8	-	SrCu	10	-	10	-
S. Farnborough	1009.5	-1	WSW	6	0	74	65	8	1500	SrCu	10	-	10	1009.4	-1	SW	6	0	70	75	8	800	Sr	9	-	9	-
London (Kew Obsy.)	1009.4	0	SW	4	0	76	65	8	2500	SrCu	10	-	10	1008.5	-1	SW	5	c	75	65	8	4000	Cu	3	ACu	7	-
Croydon	1010.3	0	SW	5	0	75	65	8	2500	SrCu	10	-	10	1010.0	0	SW	5	c+	69	75	8	1500	Sr	6	ACu	8	-
Clacton-on-Sea														1007.6	-1	SSW	6	c	71	85	8	4000	Cu	3	ACu	7	4
Shoeburyness	1008.9	0	SW	6	0	76	75	7	4000	SrCu	9	-	9	1008.4	-1	SW	6	bc	72	75	8	4000	SrCu	5	ACu	7	3
Grain	1009.2	0	WSW	6	0	78	55	8	4000	SrCu	10	-	10	1008.8	0	SW	5	c	72	75	8	4000	SrCu	5	ACu	7	3
Lympne	1011.2	0	SW	5	0	69	85	8	800	Sr	9	-	9	1010.3	-1	WSW	6	0	65	92	8	800	Sr	10	-	10	-
Scilly (St. Mary's)	1012.7	-1	SW	4	0	67	85	7	1500	Sr	10	-	10	1012.1	-1	SW	4	bc	65	97	7	1500	Sr	10	-	10	5
Palmouth	1012.7	0	SW	4	D	65	97	4	-	Nb	10	-	10	-	-	-	-	bc	64	97	5	225	Nb	10	-	10	-
Plymouth	1012.9	-1	WSW	4	bc	64	97	5	450	Nb	10	-	10	1011.8	-3	SW	5	bc	63	85	3	450	Sr	10	-	10	4
Portland Bill	1013.5	0	SW	5	0	65	85	7	800	Sr	10	-	10	1012.8	-2	SW	5	bc	63	85	3	450	Sr	10	-	10	4
Calshot	1012.0	0	SW	6	0	67	92	8	800	Sr	10	-	10	1011.2	-1	SW	6	bc	63	97	8	450	Nb	10	-	10	3
Dungeness	1011.3	0	SW	4	0	66	92	6	450	Sr	10	-	10	1011.0	-1	SW	7	bc	64	97	8	-	-	ASr	10	6	3
Jersey	1016.7	0	W	5	bc	66	65	8	-	-	0	-	0	1015.3	-1	W	4	bc	69	75	8	-	-	0	-	0	-

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

24th Jan 1891.

STATIONS.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.2	G.M.T. 11.58	G.M.T. 4.56
Greenwich	G.M.T. 4.3	G.M.T. 11.59	G.M.T. 4.54
Wick	G.M.T. 4.13	G.M.T. 12.6	G.M.T. 4.58
Valencia	G.M.T. 4.14	G.M.T. 12.6	G.M.T. 4.58
	G.M.T. 3.49	G.M.T. 12.18	G.M.T. 8.49
	G.M.T. 3.49	G.M.T. 12.18	G.M.T. 8.49
	G.M.T. 4.52	G.M.T. 12.44	G.M.T. 8.42
	G.M.T. 4.54	G.M.T. 12.47	G.M.T. 8.41

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a  
"quarter covered).  
bc sky partly cloudy (one half  
covered).  
c generally cloudy (three-quarters  
covered).  
d drizzle, or fine rain. f fog.  
h hail. E.G. line squall. l lightning.  
m mist. o overcast sky.  
p passing showers. r rain.  
rs sleet, i.e. rain and snow together.  
s snow. t thunder.  
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: -bcfr = fair weather  
after rain; i = intermittent; - =  
"decreasing"; + = "increasing";  
h(r) = "hail" or "rain and hail";  
bc = cloud 0-5; cc = cloud 6-10.

Capital letters indicate intensity,  
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 33 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.

Calm or  
slight  
sea.  
Moderate  
sea.

Beau-  
fort  
No.

Statute miles  
per hour.

Metres per  
second.

0  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12

Less than 1.  
1-3  
4-7  
8-12  
13-18  
19-24  
25-31  
32-38  
39-46  
47-54  
55-63  
64-75  
Above 75

Less than 0.3  
0.3-1.5  
1.6-3.3  
3.4-5.4  
5.5-7.2  
7.3-10.7  
10.8-13.8  
13.9-17.1  
17.2-20.7  
20.8-24.4  
24.5-28.4  
28.5-33.5  
33.6 or above

\* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

‡ For code see page 3

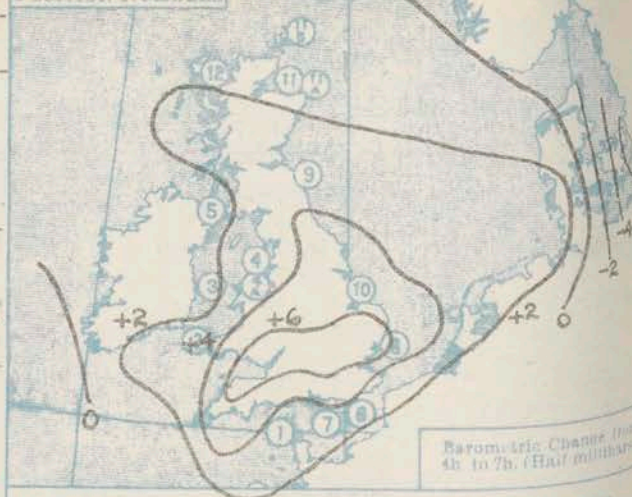


## SUMMARIES FOR THE PAST 24 HOURS.

IN ALLOBAR.

Sunday, 24<sup>th</sup> JULY.

## POSITION NUMBERS



Temperature reported from Cross Channel and Coastal Steamers

Position Number	1	1	6
Date	23 <sup>rd</sup>	24 <sup>th</sup>	24 <sup>th</sup>
Time G.M.T.	1130	0100	0210
Sea ° F	60	60	61
Air ° F	65	62	63

## GENERAL INFERENCE.

The barometer is rising generally over the British Isles and Westerly winds with fair weather are likely in most districts. there are however indications of a fresh disturbance far out over the Atlantic which will prevent a further spell of settled weather.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN.
	7h-13h. 23 <sup>rd</sup>	13h-18h. 23 <sup>rd</sup>	18h-23h. to 1h-7h. 24 <sup>th</sup>	1h-7h. 24 <sup>th</sup>	MAX. Day. 7h-18h.	MIN. Night. 18h-7h.	MIN. on GRASS.	Day. 7h-18h.	Night. 18h-7h.	Precipitation began.	
Lerwick	00	c	b or bc	F	54	46	.	-	1	-	.
Stornoway	p	p	p	p	57	48	.	1	2	-	6.2
Wick	p	oip	c. 1/2	c	59	44	.	0.2	0.2	1230	.
Castlesay	b	oip	c	c	56	51	.	0.6	0.1	-	5.6
Nairn	bcq c c	c	opg	c	67	46	.	1	1	-	3.8
Aberdeen	c	orlm	b or bc	c	65	45	34	2	-	1630	4.3
Malin Head	rm	orcy	cy	ca	58	55	.	3	-	1230	3.5
Renfrew	00	opr	p	op. 0.0	61	47	40	3	2	1430	3.1
Leith	c	p	c	c	61	50	44	0.4	0.5	1730	.
Eskdalemuir	c	op	c. 5/8	b or bc	60	42	38	1	0.1	1530	1.85
Tynemouth	00	mfg	mfg	b or bc	66	44	.	1	3	1430	.
Blacksd Point	rm	orcy	b or bc	rm	60	52	.	0.3	0.2	-	.
Donaghadee	c	omir	bc	bc	62	46	.	4	0.5	1230	.
Birr Castle	rm	p	c	c	70	46	40	2	-	-	0.8
Baldonnell	or	ir	c	c	72	45	42	3	-	-	0.8
Holyhead	addm	oid	c	c	63	53	50	1	0.9	0930	0.0
Liverpool (Bidston)	rm	rm	c	c	70	53	54	5	0.4	-	0.7
Manchester (Alex.Pk.)	00	00	c	c	70	50	46	2	1	-	.
Howden	00	rm	rm	c	64	48	40	1	1	-	0.0
Spurn Head	p	p	p	c	69	53	.	4	0.4	-	.
Nottingham	10	10	c	c	77	54	50	0.3	2	9.0	1.2
Cranwell	10	10	PR.	c	77	52	49	0.3	2	9.0, 2.00	0.7
Gorleston	00	qg	qg	c	78	58	58	-	-	-	1.8
Pulham	00	qg	p	c	78	58	58	-	-	-	1.2
Felixstowe	qg	qg	d. d. c	c	78	62	61	-	0.2	-	0.7
Valencia (Cabreiveen)	00	oib	cbcb	cbcb	68	52	46	1	-	-	1.1
Roches Point	00	oib	c. 1/2	p	69	50	.	0.2	0.2	-	0.0
Pembroke (St. Ann's H.)	00	00	c	3 or bc	66	53	.	-	0.5	-	.
Ross-on-Wye	00	qg	qg	qg	75	55	47	-	-	-	1.1
Benson	00	00	1/2	c	78	54	53	-	1	-	2.4
S. Farnborough	00	00	c	c	80	60	59	-	-	-	2.4
London	00	qg	qg	qg	80	61	61	-	trace	-	3.6
Croydon	00	qg	qg	qg	78	62	62	-	0.1	-	.
Clacton-on-Sea	00	qg	c	cp	78	61	60	-	0.6	-	1.1
Shoeburyness	c	c	c	c	80	64	61	-	-	-	3.4
Grain	c	c	00	00	80	62	56	-	-	-	5.2
Lympne	00	qg	qg	qg	71	62	60	-	2	-	0.3
Scilly (St. Mary's)	00	rm	rm	c	67	59	.	0.4	0.2	1330	0.0
Falmouth	00	rm	rm	b. bc	67	59	54	2	0.2	-	0.0
Plymouth	00	rm	rm	b. bc	64	59	54	2	0.2	-	0.0
Portland Bill	00	rm	rm	b. bc	66	60	.	-	-	-	.
Calshot	00	rm	rm	rm	70	63	63	trace	0.1	1330	0.0
Dungeness	00	rm	rm	rm	66	63	.	trace	trace	-	.
Jersey	00	rm	rm	rm	71	63	.	trace	1	-	7.2

## Districts.

Forecasts for the 24 hours commencing 15h. G.M.T. Sunday 24th July, 1921.

## 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

Wind West, light or moderate; fair; visibility good; rather warm.

Wind West, moderate, mainly fair; visibility good; moderate temperature.

Wind West, moderate or fresh; mainly fair perhaps local showers; visibility good; moderate temperature.

Same as 7 - 10.

Wind West, fresh or strong; cloudy; occasional showers; visibility good; moderate temperature.

Wind South-West to West; light or moderate, variable cloud, perhaps showers; visibility good; moderate temperature.

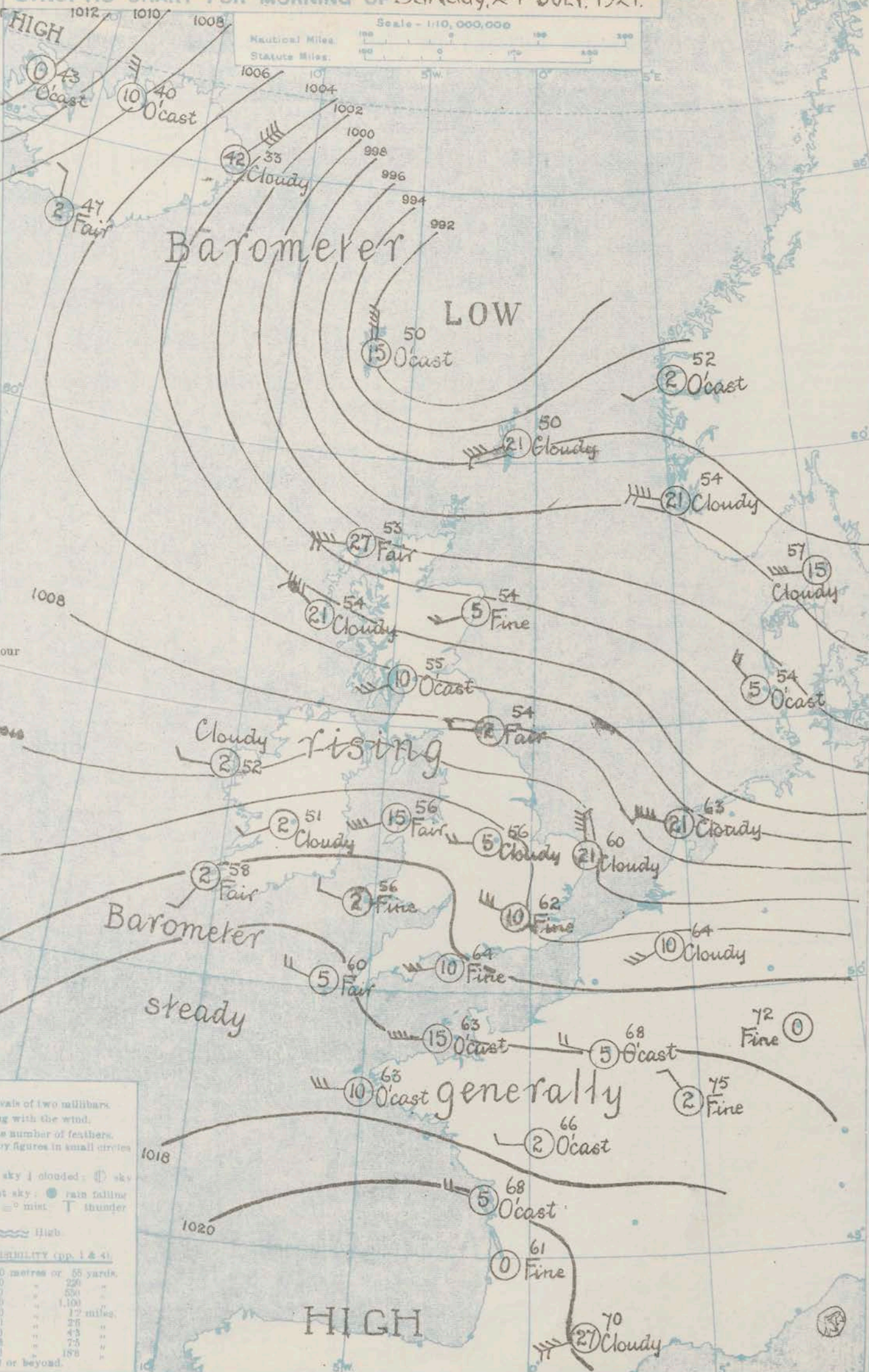
Present conditions do not favour a further prolonged spell of settled weather.



# SYNOPTIC CHART FOR MORNING OF Sunday, 24<sup>th</sup> JULY, 1921.

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.  
Velocity is shown in miles per hour by figures in small circles.  
Weather is given in ° F.

SYMBOLS: ○ clear sky, □ sky | clouded, ☁ sky  
☁ sky | clouded, ☁ overcast sky, ☁ rain falling  
☁ rain, ☁ hail, ☁ fog, ☁ mist, ☁ thunder

WINDS: Rough, High

## SYNOPTIC CODE FOR SURFACE VISIBILITY (pp. 1 & 4)

Objects not visible at	50 metres or 55 yards.
Very poor	000
Very bad	200
Very poor	500
Very bad	1,000
Very poor	2,000
Very bad	4,000
Very poor	7,000
Very bad	12,000
Very poor	20,000
Very good	30,000 or beyond.



## AIR MINISTRY.

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

Page 1.

BRITISH SECTION. SUNDAY. 24<sup>th</sup> July

1921.

No. 205.

STATIONS.	Observations at 0100 G.M.T. 24 <sup>th</sup>													Observations at 0700 G.M.T. 24 <sup>th</sup>												
	Barom. at M.S.L. in h.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-3 Miles.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. in h.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-3 Miles.	Height of Low Cloud. Feet.	Cloud.				
			Dir.	Force						Form.	Amt.	Total Amt.			Dir.	Force						Form.	Amt.	Total Amt.		
																									0-12	0-10
Lerwick ...	996.4	+	WSW	5	b	49	85	8	-	Nb	3	-	3	995.0	-	WSW	5	b	50	92	8	-	Nb	6	-	6
Stornoway ...	1000.8	+	WSW	3	b	49	85	8	-	Nb	3	-	3	1000.4	+	W	6	b	53	75	8	1000	Nb	4	-	4
Wick ...	995.4	+	WSW	2	c	49	94	9	2500	Cu	8	-	8	994.1	+	W	3	b	52	94	8	2500	Cu	6	-	6
Castlebay ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1004.4	+	NW	5	b	54	75	8	-	Cu	3	AS	3
Nairn ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1001.8	+	WNW	3	b	54	75	8	-	-	-	-	0
Aberdeen ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1003.4	+	SWW	2	b	54	75	8	-	-	-	-	0
Malin Head ...	1005.9	+	NNW	4	c	55	85	8	4000	Cu	7	-	7	1007.2	+	W	4	c	56	85	8	4000	Cu	8	-	8
Renfrew ...	1005.2	+	SW	3	dr	50	92	7	1500	Sc	5	AS	9	1004.1	+	SW	3	c	53	75	9	2000	Cu	4	-	4
Leith (Inchkeith) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1004.6	+	WNW	5	b	52	92	9	2500	Cu	4	-	4
Eskdalemuir ...	1006.2	+	...	...	b	46	85	7	2500	Cu	3	-	3	1008.0	+	WSW	5	b	57	85	7	2500	Cu	3	AS	3
Tynemouth ...	1004.0	+	W	2	dr	50	85	5	-	-	0	-	0	1008.4	+	W	1	b	54	75	8	2500	Cu	3	-	3
Blacksod Point ...	1010.0	+	W	4	b	56	85	7	-	Cu	4	-	4	1009.2	+	W	1	b	52	85	8	-	-	0	AS	0
Donaghadee ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1010.1	+	WSW	2	b	53	85	8	-	-	0	AS	0
Birr Castle ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1012.4	+	SW	1	b	51	97	7	4000	Sc	4	AS	4
Baldonnell ...	1011.4	+	WS	3	b	48	92	8	500	Cu	1	AS	3	1012.6	+	SSW	3	c	55	75	9	4000	Sc	6	AS	6
Holyhead ...	1009.3	+	NW	5	b	48	85	8	500	Cu	3	-	6	1012.5	+	SWW	4	b	56	85	9	2500	Cu	1	-	1
Liverpool (Bidston) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1012.1	+	WNW	4	c	57	75	9	1500	Cu	7	-	7
Manchester (Alex. Pk.) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1012.3	+	W	3	c	57	75	8	2500	Sc	5	AS	5
Howden ...	1005.8	+	NW	4	dr	52	94	6	2500	Sc	5	AS	9	1010.5	+	WSW	4	c	55	85	7	-	-	0	AS	0
Spurn Head ...	1005.4	+	NNW	6	dr	54	85	8	4000	Cu	7	-	7	1011.7	+	W	6	b	56	85	8	1500	Sc	3	-	3
Nottingham ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1012.2	+	W	2	c	58	75	5	4000	Cu	1	-	1
Cranwell ...	1006.0	+	WNW	5	dr	60	92	8	2500	Sc	9	-	9	1012.3	+	W	4	c	58	75	8	4000	Sc	2	-	2
Gorleston ...	1005.9	+	WN	5	c	49	75	9	500	Cu	8	-	8	1011.2	+	N	5	b	60	65	8	500	Cu	5	AS	5
Pulham ...	1005.4	+	SWW	4	dr	68	92	7	2500	Sc	9	-	9	1011.7	+	NNW	3	c	60	65	8	4000	Sc	6	AS	6
Felixstowe ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1012.8	+	NNW	4	o	60	85	8	2500	Cu	4	-	4
Valencia (Cahirciveen) ...	1013.7	+	WNW	3	b	58	85	7	-	-	2	-	2	1014.5	+	SW	1	b	58	75	8	2500	Sc	3	AS	3
Reebee Point ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1015.4	+	WSW	3	b	55	85	8	-	-	0	-	0
Pembroke (St. Ann's H.) ...	1010.9	+	NW	4	dr	58	92	9	-	-	9	-	9	1015.4	+	NNW	1	b	58	85	9	-	-	0	-	0
Ross-on-Wye ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1014.1	+	NW	3	b	61	65	9	4000	Cu	3	-	3
Benson ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1013.7	+	NNW	2	b	60	75	8	-	-	0	-	0
S. Farborough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1013.8	+	NNE	3	dr	63	75	9	500	Sc	8	-	8
London (Kew Obsy.) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1013.5	+	NW	3	b	62	65	9	4000	Sc	1	AS	1
Croydon ...	1009.3	+	SW	4	dr	65	92	8	800	Nb	10	-	10	1013.6	+	NNW	3	dr	62	65	9	1500	Sc	9	-	9
Clacton-on-Sea ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1014.4	+	NW	3	dr	62	75	8	2500	Sc	4	-	4
Sheepburys ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1012.1	+	NW	3	b	60	75	8	500	Cu	6	-	6
Grain ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1012.6	+	NNW	4	dr	63	65	9	2500	Sc	10	-	10
Lympne ...	1009.8	+	WSW	5	dr	63	92	8	800	Nb	10	-	10	1011.8	+	WS	3	dr	64	94	9	1500	Sc	10	-	10
Scilly (St. Mary's) ...	1012.6	+	WNW	3	o	62	94	7	2500	Sc	10	-	10	1015.6	+	WNW	2	b	60	75	8	500	Sc	4	-	4
Falmouth ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1015.6	+	N	2	b	62	75	8	-	-	0	-	0
Plymouth ...	1011.7	+	W	2	o	63	94	8	1500	Nb	9	-	9	1015.7	+	NW	3	b	61	85	8	4000	Cu	1	-	1
Portland Bill ...	1012.0	+	WSW	4	dr	60	85	7	450	Sc	10	-	10	1015.0	+	WSW	3	b	61	85	8	-	-	0	AS	0
Calshot ...	1010.0	+	WSW	5	dr	65	94	8	450	Sc	10	-	10	1013.1	+	WS	4	dr	64	85	9	1500	Cu	2	AS	2
Dunfermess ...	1009.6	+	SW	7	o	63	92	6	450	Sc	10	-	10	1012.1	+	SW	5	c	64	97	8	450	Sc	7	-	7
Jersey (Th.) ...	1014.3	+	SWW	5	dr	63	94	3	<150	Sc	10	-	10	1016.0	+	W	4	dr	63	97	8	2500	Sc	10	-	10
Guernsey (H.) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 23<sup>rd</sup> July

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		Source to 17h.	Sunrise to Sunset.
	Forenoon.	Afternoon.	Max. Day of.	Min. Night of.	Night 17h.-23h.	Day 23h.-17h.	Sunrise to 17h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. Day of.	Min. Night of.	Night 17h.-23h.	Day 23h.-17h.		
Barff ... ..	oc	cop	63	51	-	-	2.6	1.4	Paignton ... ..	oc	adp	68	64	-	-	0.0	0.0
Montrose ... ..	bc	bco	68	52	-	-	5.9	0.0	Ilfracombe ... ..	od	od	69	65	1	0.4	0.0	1.2
Llandudno ... ..	at	do	68	56	6	4	0.0	1.1	Bude ... ..	omf	omf	69	64	2	1	0.0	4.1
Golwyn Bay ... ..	ab	rer	64	57	6	3	0.0	1.3	Penzance ... ..	or	obr	69	65	-	0.3	0.0	7.6
Rhyl ... ..	rcp	cb	68	56	3	3	0.1	3.1	Torquay ... ..	o	of	69	64	-	-	0.0	10.8
Southport ... ..	n	dr	63	56	12	10	0.0	0.7	Weymouth ... ..	o	o	68	64	-	-	0.1	11.2
Blackpool ... ..	adc	or	64	55	4	4	0.1	0.2	Bournemouth ... ..	o	o	70	64	-	-	0.0	10.4
Harrogate ... ..	o	ecop	65	56	4	3	0.2	0.3	Portsmouth (S'theca)	o	o	68	65	-	-	0.0	10.8
Skagness ... ..	ob	ob	75	62	-	0.4	0.3	2.7	Worthing ... ..	o	o	68	61	-	-	0.0	9.8
Aberystwyth ... ..	roc	cco	64	64	-	-	0.0	0.8	Brighton ... ..	o	o	68	62	0.2	-	0.0	9.2
Bath ... ..	ob	o	75	66	1	-	0.6	2.2	Eastbourne ... ..	o	o	67	62	-	-	0.0	8.0
Leamington Spa ... ..	or	o	75	64	0.4	1	0.0	0.0	Hastings ... ..	o	o	67	62	-	-	2.4	7.7
Lowestoft ... ..	og	eq	78	66	-	-	0.6	7.4	Folkestone ... ..	oc	bco	77	62	-	-	4.3	7.0
Felixstowe ... ..	c	bc	78	60	-	-	2.5	7.9	Tunbridge Wells ... ..	bc	bc	76	60	-	-	4.2	7.0
Southend ... ..	c	bc	78	60	-	-	2.5	7.9	Ramsgate ... ..	bc.c	c bc.o	80	63	-	-	4.4	8.6
									Margate ... ..	bc	bc.c	77	62	-	-		
									Deal ... ..								

Information for these columns not usually received

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

For code see page 8.

See footnote page 1.



## AIR MINISTRY.

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

BRITISH SECTION.

No. B. 21,725

Monday, 25<sup>th</sup> July, 1921.

Page 1.

Observations at 1800 G.M.T. 25 <sup>th</sup>															Observations at 1800 G.M.T. 26 <sup>th</sup>														
STATIONS.	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Cloud. Feet.	Cloud.			Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Cloud. Feet.	Cloud.			Sec.				
			Direc.	Force						Form.	Amt.	Direc.			Force	Form.						Amt.	Form.	Amt.		Form.	Amt.		
																												0-10	0-10
Lerwick	996.8	+2	WSW	3	ov	51	92	8	1250	Nb	10	-	10	4	1008.4	+4	W	5	ov	58	97	7	-	Nb	10	-	10	4	
Stornoway	1000.3	+4	W	6	bo	59	55	8	4000	Cu	6	-	6	4	1005.8	+2	W	5	bo	55	65	8	4000	CuNb	6	-	6	4	
Wick	1003.0	-6	W	4	C	58	97	8	2500	CuNb	0	Ci	8	3	1005.0	+2	NW	4	C	57	97	8	2500	CuNb	7	-	7	3	
Castletown	1008.0	+2	WSW	5	bc	57	65	7	4000	Cu	2	ASr	5	5	1007.5	0	W	3	C	56	75	7	7250	St	10	-	10	3	
Nairn	1007.5	+2	W	4	C	58	-	-	-	-	-	-	-	-	1007.5	0	W	4	C	58	-	-	-	-	-	-	-	-	
Aberdeen	1005.6	+2	WS	3	bc	56	75	8	3000	Cu	3	-	3	5	1007.5	+2	W	4	C	57	75	8	4000	StCu	5	ASr	8	0	
Malla Head	1008.9	+4	W	3	C	61	95	8	4000	CuNb	8	-	8	1	1008.2	-1	SSW	1	ov	59	85	8	5750	StCu	10	-	10	1	
Renfrew	1009.0	+2	WSW	4	bc	62	65	8	2500	Cu	5	Ci	6	6	1010.2	+2	WSW	2	ov	59	65	9	2500	StCu	10	-	10	1	
Leith (Inchkeith)	1006.6	+1	W	5	C	59	73	9	-	Cu	4	ASr	7	7	1008.6	+2	WNW	4	ov	58	85	9	-	St	6	ASr	10	1	
Eskdalemuir	1010.0	+2	WSW	4	bc	59	65	7	4000	StCu	8	-	8	6	1011.1	+1	SW	4	ov	56	85	7	2500	StCu	7	ASr	10	1	
Tynemouth	1010.0	+2	WNW	3	bc	64	55	8	2500	Cu	6	-	6	6	1010.8	0	W	2	ov	63	65	8	5750	StCu	10	-	10	1	
Blackod Point	1009.9	0	SW	2	od	63	75	8	2500	St	10	-	10	1	1005.6	-6	S	2	od	61	65	7	1500	St	10	-	10	1	
Donaghadee	1011.1	+2	W	3	o	63	65	8	4000	CuNb	10	-	10	1	1010.9	+1	SW	1	ov	61	75	8	4000	StCu	10	-	10	1	
Birr Castle	1012.4	-	SW	1	ct	66	75	7	4000	Cu	8	-	8	1	1009.7	-	S	1	ov	62	75	7	450	St	10	-	10	1	
Baldonnell	1013.0	-	W	3	o	64	65	8	4000	StCu	10	-	10	1	1011.5	-3	S	4	ov	61	75	8	4000	St	6	ASr	10	1	
Helighead	1013.7	0	SSW	6	C	62	85	9	4000	StCu	2	Ci	8	1	1012.9	-2	SSW	4	ov	60	85	9	4000	St	10	-	10	1	
Liverpool (Bidston)	1014.0	+1	W	4	C	65	55	8	-	-	-	CiCu	7	7	1013.4	-1	WSW	3	ov	63	55	9	2500	-	-	-	-	3	
Manchester (Alex. Pk.)	1014.2	0	W	4	o	67	45	9	2500	StCu	9	-	9	1	1013.8	0	WSW	2	ov	65	55	9	2500	StCu	1	ASr	10	1	
Howden	1013.7	+1	WSW	4	o	65	55	7	2500	StCu	9	-	9	1	1012.9	0	W	3	ov	66	65	8	2500	St	6	ASr	10	1	
Spurn Head	1013.6	+2	W	5	bc	67	97	8	2500	Cu	2	-	2	1	1014.3	+1	WNW	3	ov	66	97	8	1500	St	9	-	9	1	
Nottingham	1014.0	-	W	3	bc	70	45	6	4000	Cu	3	Ci	5	5	1013.3	-	W	2	ov	70	45	6	-	-	ASr	10	1		
Cranwell	1014.3	-3	WNW	4	bc	67	55	9	4000	Cu	5	-	5	1	1013.7	-1	WSW	3	ov	70	45	8	4000	CuNb	2	ASr	10	1	
Gorleston	1015.1	+4	NW	3	b	71	45	9	-	-	-	CiCu	1	1	1016.7	0	SW	5	ov	62	75	9	-	-	CiCu	7	1		
Fulham	1014.5	+2	WSW	2	b	71	55	9	-	-	-	-	0	0	1015.2	0	S	5	ov	68	75	9	-	-	ASr	3	2		
Felixstowe	1015.4	+1	WNW	3	bc	73	45	9	-	-	-	Ci	1	1	1015.0	-12	SE'S	6	RR	60	92	4	800	St	10	-	10	3	
Valencia (Cahirciveen)	1012.7	-3	S	4	o	63	65	9	4000	Cu	4	ASr	10	1	1010.0	-8	SE	4	RR	60	97	6	800	Nb	10	-	10	3	
Roches Point	1015.3	+1	SW	3	o	64	75	9	2500	Cu	2	CiCu	10	1	1014.0	-2	S	1	ov	60	85	9	-	-	ASr	10	4		
Pembroke (St. Ann's H.)	1016.3	-1	SW	2	b	62	75	9	-	-	-	ASr	3	3	1014.0	-2	S	1	ov	60	85	9	-	-	ASr	10	4		
Ross-on-Wye	1014.5	0	SW	3	bc	73	45	9	-	-	-	Ci	7	7	1013.6	-1	SW	3	ov	69	55	8	-	-	CiSt	9	1		
Benson	1015.1	0	WNW	1	b	74	35	9	-	Cu	1	Ci	2	2	1013.4	-1	W	2	bc	76	35	9	-	-	Ci	8	1		
S. Farnborough	1014.6	+1	NW	3	b	76	45	9	5750	Cu	1	ASr	2	2	1014.1	+1	SW	5	ov	72	55	8	-	-	Ci	2	1		
London (Kew Obsy.)	1015.2	0	SW	2	b	72	35	9	-	-	-	0	0	0	1015.6	-2	SW	3	ov	74	35	9	-	-	CiSt	9	1		
Croydon	1015.0	+1	WSW	3	bc	75	35	9	4000	Cu	1	-	1	1	1014.1	-1	SSW	3	ov	71	55	9	-	-	CiSt	9	1		
Clacton-on-Sea	1015.0	+2	SW	2	b	74	65	8	5750	Cu	1	-	1	1	1014.4	0	SSE	5	bc	66	85	8	-	-	CiSt	5	4		
Enniscorthy	1015.0	+1	W	1	b	74	45	8	4000	Cu	2	-	2	2	1013.9	-2	S	4	bc	73	55	8	-	-	ASr	4	3		
Grain	1015.1	+1	W	1	b	74	45	8	4000	Cu	2	-	2	2	1014.2	0	SSE	4	ov	64	85	9	-	-	CiSt	9	1		
Lympne	1015.6	+4	S	3	C	69	65	8	2500	Cu	7	-	7	7	1014.1	-1	S	1	bc	66	85	8	500	Cu	2	ASr	6	2	
Scilly (St. Mary's)	1016.0	0	SE	1	bc	70	65	9	4000	Cu	1	ASr	5	5	1014.7	-2	SSW	2	ov	65	75	9	2500	StCu	6	-	6	1	
Falmouth	1016.0	0	SSE	3	bc	66	75	9	-	StCu	5	CiCu	4	4	1015.3	-1	SSW	2	ov	65	75	8	-	-	CiCu	3	3		
Plymouth	1016.0	0	SSE	2	bc	65	75	9	5750	StCu	3	Ci	4	4	1015.8	0	WSW	3	ov	64	85	8	-	-	CiCu	3	3		
Portland B.H.	1015.8	+1	WSW	4	b	64	85	8	-	-	-	CiCu	2	2	1015.3	0	SW	4	ov	65	85	9	-	-	CiCu	7	0		
Calshot	1015.5	0	SW	4	bc	73	55	9	4000	Cu	1	Ci	2	2	1015.3	+1	SW	4	ov	66	85	9	-	-	CiCu	8	0		
Dungeness	1015.3	+2	SSE	2	bc	64	85	9	4000	Cu	5	-	5	5	1016.7	-1	NE	2	b	72	55	8	-	-	0	0	0		
Jersey	1017.7	0	W	4	b	70	65	8	-	-	-	Ci	2	2	1016.7	-1	NE	2	b	72	55	8	-	-	0	0	0		

LONDON OBSERVATIONS.															BEAUFORT NOTATION OF WEATHER.															SEA DISTURBANCE.																													
WEATHER.			TEMPERATURE.			RAIN-FALL.		SUN-SHINE.		HUMIDITY.		ATMOSPHERIC POLLUTION.			SOLAR RADIATION.			POLE STAR RECORD at Greenwich Obsy.																																									
Morning.	Afternoon.	Night.	Max. °F.	Min. °F.	Min. on Grass °F.	Day.	Night.	hrs.	to Sunset.	15h. G.M.T. %	9h. G.M.T. %	Lbs. of Solid Impurity per million cubic yards.			Vertical component in square centimetre.			Exposure from 24 <sup>th</sup> to 25 <sup>th</sup> h. 15 m.																																									
24 HOURS ENDED 0000 G.M.T. 25 <sup>th</sup>															YESTERDAY.															TO-DAY.																													
Kew															South Kensington															South Kensington.																													
Croydon															Max.															Total 249.5 Joules															Stars.														
Greenwich (Royal Obsy.)															Time.															Average Rate															Exposure.														
City (Barbican Row)															Min.															387.7 Milliwatts.															h. m. b. m. %														
Westminster (St. James' Pl.)															Time.															Max/min Rate															Polaris														
Regents Pl. (Botanical Obsy.)															Kew Observatory															11.10 Milliwatts.															Ursae														
Garden Sq. (Brit. Rainfall)															Max.															Minoris															6.30 1.41 30														
Hampstead Palace															Time.																																												
Hampstead Observatory															Min.																																												
															Time.																																												

STATIONS.			BEAUFORT SCALE OF WIND.			SEA DISTURBANCE.		
G.M.T.	G.M.T.	G.M.T.	0 = no swell			0 = no swell		
4.3	11.39	7.34	1 = mod. swell			1 = mod. swell		
4.4	11.39	7.34	2 = heavy swell			2 = heavy swell		
4.4	12.6	7.34	3 = no swell			3 = no swell		
4.4	12.6	7.34	4 = mod. swell			4 = mod. swell		
4.4	12.6	7.34	5 = heavy swell			5 = heavy swell		
4.4	12.6	7.34	6 = rather rough sea.			6 = rather rough sea.		
4.4	12.6	7.34	7 = rough sea.			7 = rough sea.		
4.4	12.6	7.34	8 = very rough sea.			8 = very rough sea.		
4.4	12.6	7.34	9 = mountainous sea.			9 = mountainous sea.		

STATIONS.			BEAUFORT SCALE OF WIND.			SEA DISTURBANCE.		
G.M.T.	G.M.T.	G.M.T.	0 = no swell			0 = no swell		
4.3	11.39	7.34	1 = mod. swell			1 = mod. swell		
4.4	11.39	7.34	2 = heavy swell			2 = heavy swell		
4.4	12.6	7.34	3 = no swell			3 = no swell		
4.4	12.6	7.34	4 = mod. swell			4 = mod. swell		
4.4	12.6	7.34	5 = heavy swell			5 = heavy swell		
4.4	12.6	7.34	6 = rather rough sea.			6 = rather rough sea.		
4.4	12.6	7.34	7 = rough sea.			7 = rough sea.		
4.4	12.6	7.34	8 = very rough sea.			8 = very rough sea.		
4.4	12.6	7.34	9 = mountainous sea.			9 = mountainous sea.		

STATIONS.			BEAUFORT SCALE OF WIND.			SEA DISTURBANCE.		
G.M.T.	G.M.T.	G.M.T.	0 = no swell			0 = no swell		
4.3	11.39	7.34	1 = mod. swell			1 = mod. swell		
4.4	11.39	7.34	2 = heavy swell			2 = heavy swell		
4.4	12.6	7.34	3 = no swell			3 = no swell		
4.4	12.6	7.34	4 = mod. swell			4 = mod. swell		
4.4	12.6	7.34	5 = heavy swell			5 = heavy swell		
4.4	12.6	7.34	6 = rather rough sea.			6 = rather rough sea.		
4.4	12.6	7.34	7 = rough sea.			7 = rough sea.		
4.4	12.6	7.34	8 = very rough sea.			8 = very rough sea.		
4.4	12.6	7.34	9 = mountainous sea.			9 = mountainous sea.		

STATIONS.			BEAUFORT SCALE OF WIND.			SEA DISTURBANCE.		
G.M.T.	G.M.T.	G.M.T.	0 = no swell					

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ For code see page 2.



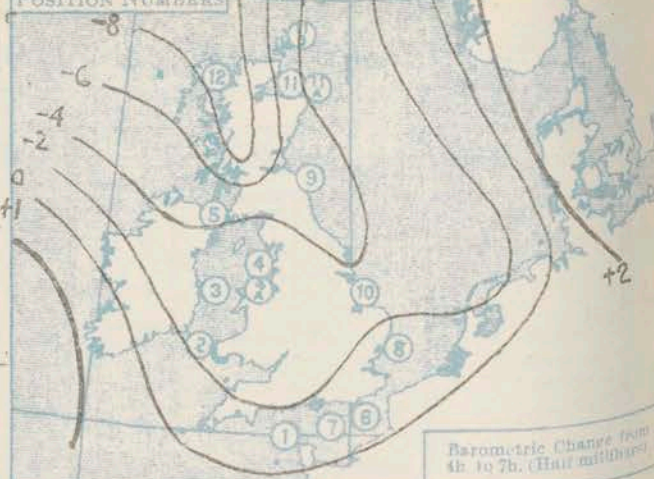
## SUMMARIES FOR THE PAST 24 HOURS

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN.
	7h.-18h.	18h.-18h.	18h.-24h.	1h.-7h.	MAX. Day.	MIN. Night.	MIN. on G.H.A.S.S.	Day.	Night.	Precipitation began.	Hours.
Lerwick	cloud	ir	bc bc	oo	53	47	.	4	1	.	.
Stornoway	c	c	bc bc	cloud	59	40	.	0.3	4	.	9.9
Wick	cloud	c	bc bc	cloud	60	42	.	0.3	0.2	- 6.30	.
Castlebay	cloud	bc bc	o	cloud	57	52	.	1	11	.	8.5
Nairn	bc bc	qp bc	cg	cg	63	49	.	1	1	.	10.3
Aberdeen	bc bc	c	cg	cg	67	53	4.6	.	1	- 6.30	8.7
Malin Head	c	c	cloud	cloud	62	56	.	.	7	.	5.1
Renfrew	cloud	bc bc	cloud	cloud	64	54	5.0	0.2	9	9.0-22.00	9.3
Leith (Inchkeith)	c	p	cloud	cloud	60	53	4.7	trace	4	- 2.30	.
Edinburgh	c	oo	cloud	cloud	60	50	5.0	.	1	- 2.20	4.2
Tynemouth	c	oo	cloud	cloud	66	55	.	.	4	- 2.20	.
Blackhead Point	p	cloud	cloud	p	65	54	.	0.2	16	3.0	.
Doughhead	cg	c	cloud	cloud	66	53	.	.	4	.	3.6
Birr Castle	c	c	cloud	cloud	67	56	5.4	.	4	.	2.8
Baldonnell	c	oo	cloud	cloud	66	54	5.4	.	3	.	7.4
Holyhead	bc bc	c	bc bc	cloud	63	55	5.5	.	2	.	8.3
Liverpool (Bidston)	bc bc	c	cloud	cloud	68	55	5.4	.	2	- 2.40	.
Manchester (Alex. Pk.)	oo	oo	cloud	cloud	69	59	5.5	trace	0.3	- 1.30	.
Howden	c	oo	cloud	cloud	70	57	5.2	.	1	- 2.40	7.0
Spurn Head	bc bc	c	cloud	cloud	69	53	.	.	.	.	.
Nottingham	bc bc	c	oo	oo	74	59	5.8	.	.	.	10.1
Cranwell	c	c	oo	c	72	58	5.6	.	.	.	11.2
Gorleston	bc bc	bc bc	oo	oo	72	59	5.5	.	.	.	12.5
Fulham	bc bc	c	oo	oo	75	58	5.0	.	.	.	11.3
Felixstowe	bc bc	bc bc	oo	oo	75	60	5.9	.	.	.	12.4
Valencia (Cahirovee)	bc bc	OR	cloud	cloud	65	57	5.7	5	12	.	3.9
Robbes Point	c	cloud	cloud	cloud	65	58	.	0.4	8	14.30	8.8
Pembroke (St. Ann's H.)	bc bc	c	oo	cloud	64	59	.	.	2	- 11.00	11.5
Ross-on-Wye	bc bc	bc bc	oo	oo	75	61	5.9	.	.	.	.
Benson	bc bc	bc bc	oo	oo	79	59	5.2	.	.	.	11.1
S. Farnborough	bc bc	c	oo	oo	80	58	5.6	.	.	.	11.5
London (Kew Obs.)	bc bc	bc bc	bc bc	oo	81	61	5.6	.	.	.	.
Croydon	bc bc	bc bc	bc bc	oo	78	58	5.6	.	.	.	11.5
Glaughton-on-Sea	bc bc	bc bc	bc bc	cloud	73	61	5.9	.	.	.	12.0
Shoeburyness	bc bc	bc bc	c	c	78	60	5.6	.	.	.	11.6
Grain	bc bc	bc bc	c	c	77	59	4.7	.	.	.	10.4
Lympne	bc bc	bc bc	c	c	71	56	5.2	.	.	.	7.2
Seilly (St. Mary's)	bc bc	bc bc	oo	p	70	63	.	.	4	- 3.30	7.6
Falmouth	bc bc	cdov	oo	cloud	69	63	6.3	.	1	- 4.20	13.2
Plymouth	bc bc	bc bc	oo	bc bc	67	63	6.0	.	0.3	- 2.30	.
Portland Bill	bc bc	bc bc	form	oo	65	58	.	.	.	.	11.9
Calshot	c	bc bc	cloud	cloud	74	60	5.8	trace	.	- 2.40	8.3
Dungeness	c	c	c	c	71	61	.	.	.	.	.
Jersey	bc bc	b	bc bc	o	73	62	.	.	.	.	.

ISALOBARS.

Monday, 25th July, 1921.

POSITION NUMBERS

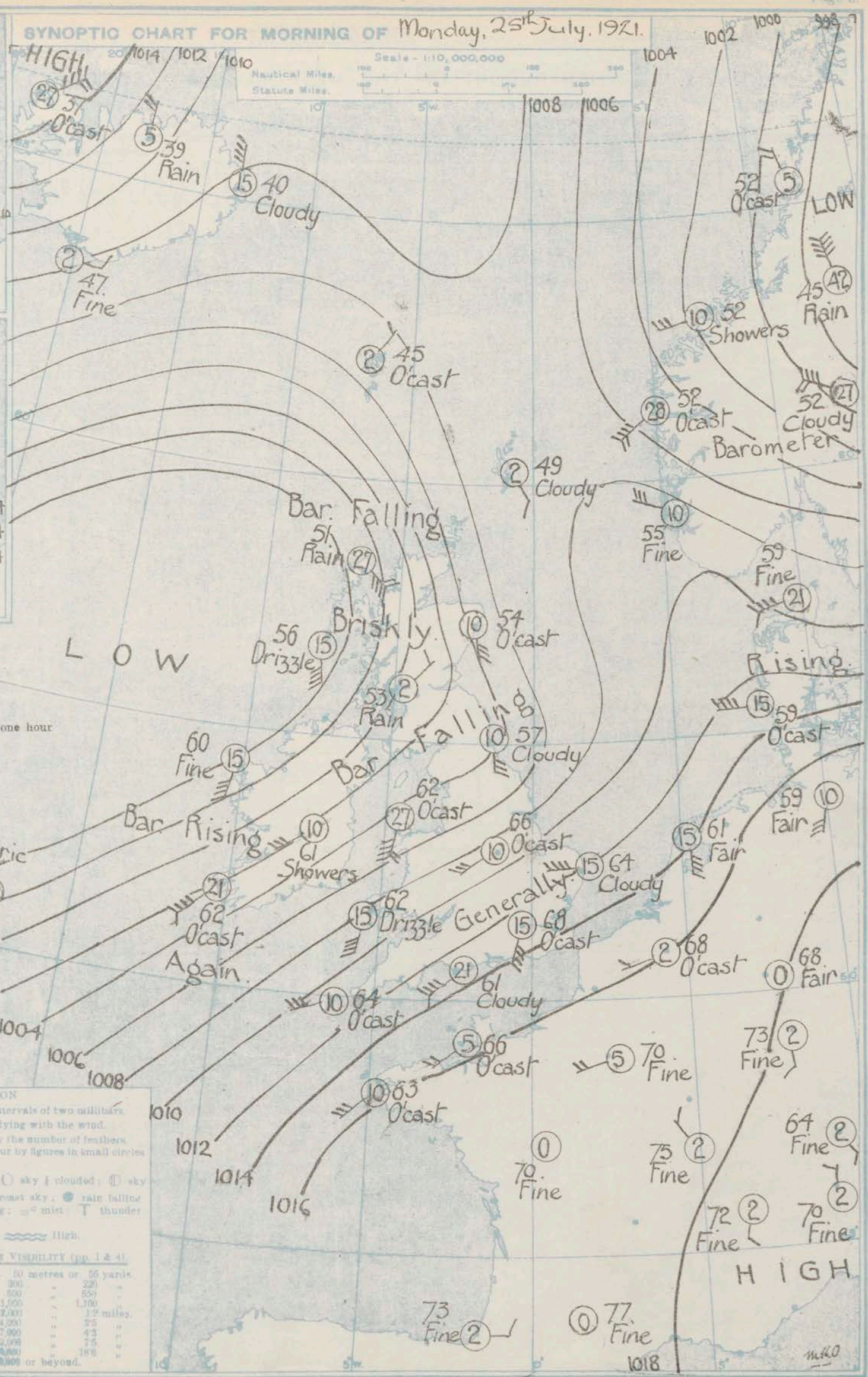




# SYNOPTIC CHART FOR MORNING OF Monday, 25th July, 1921.

Scale - 1:10,000,000

Nautical Miles.  
Statute Miles.



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

## EXPLANATION

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

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

**WIND SYMBOLS:** ~~~~~ Rough; ~~~~~ High.

METEOROLOGICAL CODE FOR SURFACE VISIBILITY (pp. 1 & 4)			
Objects not visible at	50 metres or 55 yards		
Very poor	1,000	1,000	
Very poor	2,000	2,000	
Very poor	4,000	4,000	
Very poor	7,000	7,000	
Very poor	12,000	12,000	
Very poor	20,000	20,000	
Objects visible at	20,000 or beyond		



## AIR MINISTRY.

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

Page 4.

BRITISH SECTION... *Monday*... 25<sup>th</sup>... *July*... 1921.

No. 246.

STATIONS.	Observations at 0100 G.M.T. 25 <sup>th</sup>														Observations at 0700 G.M.T. 25 <sup>th</sup>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. of Air.	Humidity. %	Visibility. 0-10 Feet.	Cloud.			Sea.	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. of Air.	Humidity. %	Visibility. 0-10 Feet.	Cloud.			Sea.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 25<sup>th</sup> July

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. Day of.	Min. Night of.	Night	Day	Sunrise	Sunset		Forenoon.	Afternoon.	Max. Day of.	Min. Night of.	Night	Day	Sunrise	Sunset
					17h-12h.	12h-17h.	17h-12h.	12h-17h.						17h-12h.	12h-17h.	17h-12h.	12h-17h.
					mm.	mm.	hr.	hr.					mm.	mm.	hr.	hr.	
Banff ... ..	bc	bc	63	45	0.3	0.1	8.3	2.6	Paignton ... ..	b	bbe	72	59	-	-	11.8	0.0
Montrose ... ..	bc	bc	66	43	0.2	-	7.3	0.0	Ilfracombe ... ..	b	bbe	64	58	1	-	10.3	0.2
Llandudno ... ..	?	?	66	53	0.4	-	8.6	0.2	Leeds ... ..	b	bbe	64	57	2	-	11.3	0.0
Golwyn Bay ... ..	b	b	64	51	-	-	8.6	0.4	Penzance ... ..	c bc	bc	69	59	0.3	-	6.6	0.0
Rhyl ... ..	qebc	bc	68	53	1	-	7.2	0.4	Torquay ... ..	b	by	70	59	-	-	11.4	0.0
Southport ... ..	bbe	bc	66	55	4	-	9.3	0.0	Weymouth ... ..	b	b	64	61	-	-	10.8	0.0
Blackpool ... ..	bc	bc	66	54	1	-	7.7	0.1	Bournemouth ... ..	b	b	76	62	1	-	11.0	0.1
Harrogate ... ..	bbe	bc	65	46	7	-	6.0	0.2	Portsmouth (S' theca)	b	b	75	64	0.4	-	10.5	0.0
Skewness ... ..	b	bc	72	53	1	-	10.8	0.1	Worthing ... ..	bc	b	73	55	-	-	10.3	0.0
Aberystwyth ... ..	b	bbe	75	59	1	-	9.6	0.1	Brighton ... ..	bc	b	73	55	-	-	9.3	0.0
Bath ... ..	b	bbe	75	59	1	-	9.6	0.1	Eastbourne ... ..	bc	bc	74	63	-	-	-	0.0
Leamington Spa ... ..	bc	bc	72	59	-	-	10.4	1.4	Hastings ... ..	c	bc	72	63	0.3	-	8.3	0.0
Lowestoft ... ..	b	bc	74	62	0.3	-	11.7	0.6	Folkestone ... ..	roe bc	bc	73	56	2	-	8.6	0.0
Felixstowe ... ..	b	bc	74	62	0.3	-	11.7	0.6	Tunbridge Wells ... ..	bc b	bbe	79	62	2	-	9.1	0.0
Southend ... ..	b	bc	74	62	0.3	-	11.7	0.6	Ramsgate ... ..	c	cpb	71	63	-	-	9.0	4.4
									Margate ... ..	bc	bc b	72	64	-	-	7.7	4.4
									Deal ... ..	bc	bc b	72	64	-	-	-	-



# AIR MINISTRY.

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

BRITISH SECTION.

No. B.21,796

Tuesday, 26<sup>th</sup> July, 1921.

Page 1.

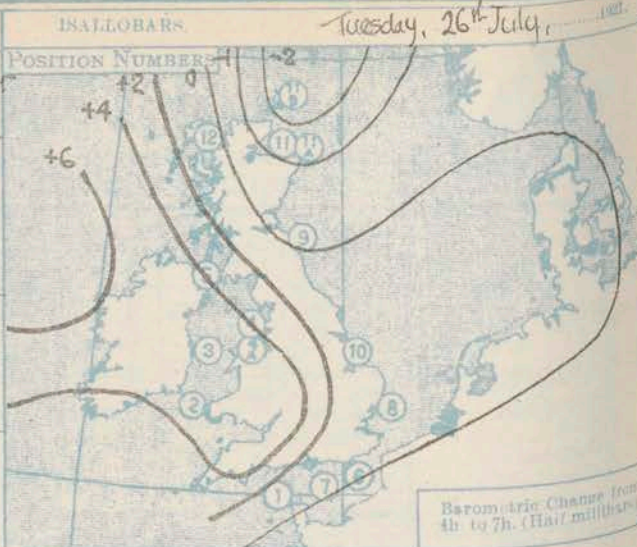
STATIONS.		Observations at 1800 G.M.T. 25 <sup>th</sup>													Observations at 1800 G.M.T. 25 <sup>th</sup>														
		Barom. at M.S.L. Change in 3 Hours.	Wind.		Weather.	Temp. of Air.	Humidity. %	Visibility. Miles.	Height of Low Cloud. Feet.	Cloud.			Sea.	Barom. at M.S.L. Change in 3 Hours.	Wind.		Weather.	Temp. of Air.	Humidity. %	Visibility. Miles.	Height of Low Cloud. Feet.	Cloud.			Sea.				
			Direc.	Force.						Form.	Amt.	Direc.			Force.	Form.						Amt.	Form.	Amt.		Form.	Amt.		
																												0-12	0-10
Lerwick	1005.5	-2	SE	4	OT	51	97	6	7250	Nb	10	-	10	3	1005.5	-2	SE	6	OT	52	97	5	7250	Nb	10	-	10	3	
Sornoway	995.4	+1	S	4	C	62	75	7	4000	Cu	7	-	7	5	995.4	+1	S	6	b	62	65	1	5750	Nb	10	-	10	3	
Wick	995.2	-3	SSE	5	ORR	49	97	6	800	Sc	10	-	10	1	995.2	-3	SSW	1	b	58	92	8	4000	Cu	4	-	4	4	
Castellbay	996.2	0	S	4	CT	59	85	6	300	Sc	7	-	7	1	996.2	0	S	4	C	59	78	7	4000	CuNb	2	ASt	7	4	
Nairn	1000.6	-4	SW	3	OT	60	97	5	1500	Sc	10	-	10	0	1000.6	-4	W	2	C	68	-	-	-	-	1	-	6	0	
Aberdeen	1000.6	-4	SW	3	OT	60	97	5	1500	Sc	10	-	10	0	1000.6	-4	SSW	3	b	68	65	8	2500	Cu	1	Cu	-	0	
Malin Head	996.9	0	SW	3	bc	65	75	8	4000	Cu	5	-	5	4	996.9	-7	WSW	5	bc	64	75	8	-	-	ASt	5	4		
Renfrew	1000.6	+4	W	2	0	64	75	7	2500	ScCu	10	-	10	0	999.0	-4	SSW	4	C	68	65	8	2500	ScCu	6	CuSt	7	2	
Leith (Inchkeith)	1000.3	+1	W	4	0	60	97	7	-	Sc	10	-	10	0	999.7	-2	SW	3	OT	65	92	9	-	St	3	CuSt	9	2	
Eskdalemuir	1002.5	+1	SSW	5	0	60	97	4	800	Nb	10	-	10	0	1001.6	-2	SW	6	OT	60	97	5	800	Nb	10	-	10	0	
Tysemouth	1003.5	+1	SW	5	bc	73	65	8	4000	Cu	6	-	6	0	1002.9	0	SW	4	C	72	65	8	4000	CuNb	4	ASt	7	1	
Blackrod Point	994.5	-2	SW	6	b	63	75	7	2500	Cu	2	-	2	0	994.5	0	SW	8	b	60	75	7	2500	Cu	3	-	3	7	
Dunghaden	1001.6	+2	SSW	2	OT	67	65	8	2500	Sc	10	-	10	0	1000.1	-1	SW	3	bc	67	75	8	4000	Cu	5	-	5	2	
Birr Castle	1001.8	-1	SW	2	C	64	75	7	4000	Nb	8	-	8	0	1001.1	0	SW	4	C	66	92	8	4000	ScCu	7	-	7	0	
Baldonnell	1001.9	-1	SW	5	0	71	65	8	1500	ScCu	9	-	9	0	1001.9	-1	SSW	5	C	67	55	8	4000	Cu	7	-	7	0	
Holyhead	1003.9	+1	SSW	6	0	65	92	7	800	Sc	9	-	9	0	1004.4	+1	SSW	3	OT	61	97	8	1500	St	9	ASt	10	4	
Liverpool (Bidston)	1006.0	0	SW	5	C	72	65	7	2500	Cu	7	-	7	0	1004.9	-1	SSW	5	0	69	75	7	800	Nb	10	-	10	0	
Manchester (Alex. Pk.)	1006.9	0	SW	6	OT	77	45	9	2500	ScCu	9	-	9	0	1006.2	-1	SW	6	OT	73	65	9	2500	ScCu	9	-	9	0	
Howden	1006.8	+1	SW	5	C	79	55	8	2500	Cu	7	-	7	0	1005.9	-1	SW	6	C	77	55	9	1500	ScCu	6	Cu	7	0	
Spurn Head	1008.9	-1	SW	5	bc	82	97	8	-	-	asc	5	-	5	0	1007.7	-1	SW	5	bc	81	97	8	1500	Cu	5	-	5	3
Nottingham	1008.0	0	SW	4	C	80	45	6	4000	Cu	7	-	7	0	1008.0	0	SW	4	bc	77	55	6	2500	Cu	5	-	5	0	
Cranwell	1009.1	0	SW	6	C	81	55	8	2500	Cu	8	-	8	0	1008.2	-2	SW	3	b	79	55	9	4000	Cu	2	ASt	3	0	
Gorleston	1012.6	0	W	5	C	79	55	8	-	-	Cu	7	-	7	0	1011.4	-1	W	5	b	81	45	7	-	0	-	0	4	
Pulham	1012.6	0	W	5	C	80	65	9	4000	Cu	7	-	7	0	1010.3	-4	SSW	4	b	78	85	6	-	0	-	0	0	4	
Felixstowe	1013.2	-1	SSW	5	C	76	75	8	2500	ScCu	8	-	8	0	1013.1	0	SW	5	b	78	75	8	-	-	Cu	4	4	4	
Valencia (Cahirciveen)	1002.8	0	SW	5	C	67	85	8	4000	ScCu	7	-	7	0	1003.3	+1	SW	6	OT	62	65	8	2500	St	9	-	9	0	
Roches Point	1005.4	+1	WSW	3	OT	62	85	8	-	-	asc	10	-	10	0	1005.7	0	WSW	3	C	64	75	8	1500	CuNb	3	ASt	7	6
Pembroke (St. Ann's H.)	1006.5	0	SW	5	OT	65	97	7	-	-	asc	9	-	9	0	1006.0	-2	SW	3	R	60	97	6	4000	Nb	10	-	10	0
Ross-on-Wye	1010.0	+1	WSW	5	C	75	65	8	-	-	Cu	8	-	8	0	1009.3	-1	SSW	3	OT	72	75	8	2500	Nb	9	-	9	0
Benson	1011.7	+1	SW	5	0	75	65	8	-	-	Cu	9	-	9	0	1011.2	-1	SW	5	bc	75	65	9	-	Cu	5	-	5	0
S. Farnborough	1012.9	0	SW	6	0	75	65	8	1500	ScCu	10	-	10	0	1011.2	-1	SW	5	b	75	65	9	4000	Cu	4	-	4	0	
London (Kew Obs.)	1012.9	0	SW	5	0	77	55	9	2500	ScCu	10	-	10	0	1012.3	+1	SW	5	b	78	55	9	4000	Cu	4	-	4	0	
Croydon	1013.3	0	SW	4	0	76	55	9	4000	ScCu	10	-	10	0	1013.2	-2	SW	5	bc	73	65	9	4000	Cu	2	-	2	0	
Clacton-on-Sea	1012.9	0	SW	4	C	78	55	8	4000	Cu	7	-	7	0	1012.3	0	SW	5	bc	76	65	8	4000	Cu	4	ASt	5	0	
Shoeburyness	1012.9	0	SSW	5	C	78	55	8	4000	ScCu	7	-	7	0	1012.6	0	SW	5	b	70	85	8	-	-	Cu	1	-	1	0
Grain	1012.9	0	SSW	5	C	78	55	8	4000	ScCu	7	-	7	0	1012.8	-1	SW	5	b	75	55	8	4000	Cu	1	-	1	0	
Lympne	1014.4	-1	SSW	5	b	74	75	9	1500	Cu	2	-	2	0	1013.9	-1	SW	5	bc	73	55	9	4000	Cu	2	-	2	0	
Scilly (St. Mary's)	1010.8	0	SSW	3	0	66	75	8	5750	ScCu	9	-	9	0	1009.9	0	SW	4	0	66	92	8	5750	ScCu	9	-	9	0	
Falmouth	1011.7	+1	SW	6	0	70	85	7	2500	ScCu	9	-	9	0	1011.0	+1	SSW	6	0	65	97	5	-	Nb	10	-	10	0	
Plymouth	1013.7	+1	SSW	4	0	65	97	8	800	Sc	10	-	10	0	1012.5	+1	SSW	4	0	65	85	7	2500	St	4	ASt	9	0	
Portland Bk.	1013.0	0	SW	5	bc	65	85	8	-	-	asc	6	-	6	0	1014.4	+3	SW	4	b	65	85	8	-	-	CuSt	2	4	
Calshot	1014.0	0	SW	6	OT	70	85	8	1500	ScCu	7	-	7	0	1013.3	-2	SW	5	b	67	85	9	4000	Cu	1	-	1	0	
Dungeness	1015.1	+1	WSW	5	bc	70	85	9	450	Sc	4	-	4	0	1014.3	-1	SW	4	b	68	85	9	-	-	0	-	0	4	
Jersey	1016.1	0	SE	2	0	71	65	8	4000	ScCu	10	-	10	0	1015.1	0	NE	2	b	72	65	8	-	-	0	-	0	0	

LONDON OBSERVATIONS.		WEATHER.			TEMPERATURE.			RAIN-FALL. mm.		SUNSHINE to Sunset. hrs.		HUMIDITY.		ATMOSPHERIC POLLUTION. Lbs. of Solid Impurity per million cubic yards.		SOLAR RADIATION. Vertical component per square centimetre.		POLAR STAR RECORD at Greenwich Obsy.		
		Morn- ing.	After- noon.	Night.	Max. of.	Min. of.	Min. on Grass. of.	Day.	Night.	1st. G.M.T. %	2nd. G.M.T. %	24 Hrs. ended 1800 G.M.T.		During yesterday.		Exposure from to 20.....2.....4.5 m.				
Kew		24 hours ended 0700			26			4.1		53		68		South Kensington		South Kensington.		Stars.		
Croydon		24 hours ended 0700			60			7.4		53		68		Max. Time. Min. Time.		Total 3218		Exposure.		
Greenwich (Royal Obsy.)		24 hours ended 0700			82			4.2		53		68		Max. Time. Min. Time.		Average Rate		Record.		
City (Banhill Row)		24 hours ended 0700			80			4.7		53		68		Max. Time. Min. Time.		21.5 Milliwatts.		Polaris		
Westminster (St. James' Pk.)		24 hours ended 0700			64			4.5		53		68		Max. Time. Min. Time.		Maximum Rate		Ursae		
Regents Pk. (Botanical Gdns.)		24 hours ended 0700			64			57 (4th)		53		68		Max. Time. Min. Time.		73 Milliwatts.		Minoris		
Camden Sq. (Brit. Rainfall)		24 hours ended 0700			60			4.3		53		68		Max. Time. Min. Time.		73 Milliwatts.				
Kennington Palace		24 hours ended 0700			56			4.3		53		68		Max. Time. Min. Time.		73 Milliwatts.				
Hampstead Observatory		24 hours ended 0700			56			4.3		53		68		Max. Time. Min. Time.		73 Milliwatts.				
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.																				
26 <sup>th</sup> + 27 <sup>th</sup> July 1921.																				
STATIONS.		Sunrise.		Noon.		Sunset.														
Yarmouth		G.M.T.		G.M.T.		G.M.T.														
Greenwich		G.M.T.		G.M.T.		G.M.T.														
Wick		G.M.T.		G.M.T.		G.M.T.														
Valencia		G.M.T.		G.M.T.		G.M.T.														
BEAUFORT NOTATION OF WEATHER.																				
b blue sky (not more than a quarter covered).																				
bc sky partly cloudy (one half covered).																				
c generally cloudy (three-quarters covered).																				
d drizzle, or fine rain. f fog.																				
h hail. KQ line squall. l lightning.																				
m mist. o overcast sky.																				
p passing showers. r rain.																				
rs sleet, i.e. rain and snow together.																				
s snow. t thunder.																				
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; l = intermittent; - = "decreasing"; + = "increasing"; b(r) = "hail" or "rain and hail"; bc = cloud 0-5; cc = cloud 6-10.																				
Capital letters indicate intensity, and repetition of letters continuity, thus: -																				
R = heavy rain.																				
rr = continuous moderate rain.																				
lfo = continuous light rain.																				
THE BEAUFORT SCALE OF WIND IS used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.																				
SEA DISTURBANCE.																				
0 = no swell } Calm or slight																				
1 = mod. swell } slight																				
2 = heavy swell } sea.																				
3 = no swell } Moderate																				
4 = mod. swell } mod.																				
5 = heavy swell } mod.																				
6 = rather rough sea.																				
7 = rough sea.																				
8 = very rough sea.																				
9 = mountainous sea.																				
Beaufort No.																				
Less than 1.																				
Less than 0.3																				
1-3																				
0.3-1.5																				
4-7																				
1.5-5.8																				
8-12																				
5.4-5.4																				
13-18																				
5.4-7.9																				
19-24																				
8.0-10.7																				
25-31																				
10.8-15.8																				
32-38																				
15.9-17.1																				
39-46																				
17.2-20.7																				
47-54																				
20.8-24.4																				
55-63																				
24.5-30.4																				
64-75																				
28.5-33.5																				
Above 75																				
35.6 or above																				



## SUMMARIES FOR THE PAST 24 HOURS

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN. Hours.
	7h.-18h.	18h.-7h.	18h.-25h.	1h.-7h.	MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	
	25 <sup>th</sup>	25 <sup>th</sup>	to 1h. 26 <sup>th</sup>	26 <sup>th</sup>							
Lerwick ...	r	r	F	C	54	47	.	4	1	1230	.
Stornoway ...	c	c	P	P	56	54	.	5	3	-	6.6
Wick ...	omrr	c	P	b or bc	59	53	.	6	1	-	.
Castlebay ...	doim	omp c	c op	op c op	60	54	.	0.1	1	-	4.7
Nairn ...	repe	bees	up c q		71	53	.		4	-	5.0
Aberdeen ...	Tord	f ohr	b or bc		70	56	50	11	-	-	3.4
Malin Head ...	b rbc	o rbc	c	c	67	53	.	-	0.1	0630	8.7
Renfrew ...	oorm	bo mc	bc q	bc q q	69	57	56	11	-	-	4.9
Leith ...	P	P	b or bc		67	57	55	2	-	-	.
Eskdalemuir ...	S.S.	oirife	c	oo	62	53	52	6	1	-	0.0
Tynemouth ...	ca	c	c	c im	74	59	.	-	0.2	-	.
Blackad Point ...	P	p	P	P	57	52	.	8.3	0.2	-2200	.
Donghades ...	oimp	bc q	bc	bc q	69	56	.	-	-	-	.
Birr Castle ...	r and	c	co	cp r	68	54	50	0.2	0.2	-530	4.6
Baldonnell ...	choid m	p	b or bc	b or bc	72	58	51	0.1	-	-	8.1
Holyhead ...	choid m	oid	c	c. b	66	57	55	1	-	11.0	2.3
Liverpool (Bidston) ...	c	c	b or bc		76	58	53	-	2	-	4.2
Manchester (Alex.Pk.)	oo	rord	Tord		79	56	54	trace	9	-	.
Howden ...	c	c	oo	oo	85	57	55	-	5	-2400	6.7
Spurn Head ...	b or bc	b or bc	c	c	83	58	.	-	trace	-630	.
Nottingham ...	c	c	c	c	82	57	58	-	4	-130	9.3
Cranwell ...	c	b or bc	c	wr	84	57	57	-	1	-430	10.1
Gorleston ...	c	bc q by	b or bc	b or bc	85	59	59	-	-	-	9.7
Fulham ...	c	c	b or bc	b or bc	83	58	54	-	-	-	9.4
Felixstowe ...	oo q	b or bc	c	c	80	63	62	-	-	-	8.5
Valencia (Cahireiveen) ...	op c	cy bco	Tord	cp	67	56	51	0.3	3	3.0 2200	6.9
Roches Point ...	or o	oo	c	c	64	56	.	2	-	1230	.
Pembroke (St. Ann's H.)	id	OR	p. it	c	66	57	.	4	3	1730 2200	1.9
Ross-on-Wye ...	u d o bc	o q c b	cc bc	o q c r r c	79	57	57	-	7	-	5.
Beuson ...	oo	cl o	Tord		81	61	?	-	1	-630	.
S. Farnborough ...	oo	c	c	c	77	62	57	-	-	-	6.5
London (Kew Obs.) ...	a c o q	cy b b e y	b. bc.	b c c o	79	65	59	-	-	-	4.1
Croydon ...	a c o q	ay q b c b	b. bc. c o v	b c c q	77	63	60	-	-	-	.
Clacton-on-Sea ...	o g c b		bc	bc	78	65	63	-	-	-	6.5
Shoeburyness ...	c	b or bc	b or bc		82	62	59	-	-	-	8.5
Grain ...	c	b or bc	b or bc		80	62	47	-	-	-	10.4
Lympne ...	c	b or bc	b. bc. c o	o	75	60	57	-	-	-	9.4
Scilly (St. Mary's) ...	P	P	wr	c	71	57	.	0.1	3	-	2.1
Palmouth ...	o q	o g d m q	c u d.	w r c b	74	57	50	-	1	-2200	5.6
Plymouth ...	oo	oo	oo	rord	67	58	.	-	3	-330	2.6
Portland Bill ...	c	b or bc	oo	oo	65	60	.	-	-	-	.
Calshot ...	id	c	b or bc	b or bc	72	64	63	trace	-	-	7.1
Dungeness ...	b or bc	b or bc	b or bc	c	71	63	.	-	-	-	8.
Jersey ...	oco	ob	c	b c o	74	64	.	-	-	-	4.

[illegible]

A large depression centred to the North-Westward of Scotland is moving away very slowly and as there are no indications of the approach of another disturbance at present the weather during the ensuing 24 hours is likely to be dry generally, although some local drizzle may be experienced.

## Districts.

Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 26th July, 1921.

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. E.E. Ireland
20. S.W. Ireland

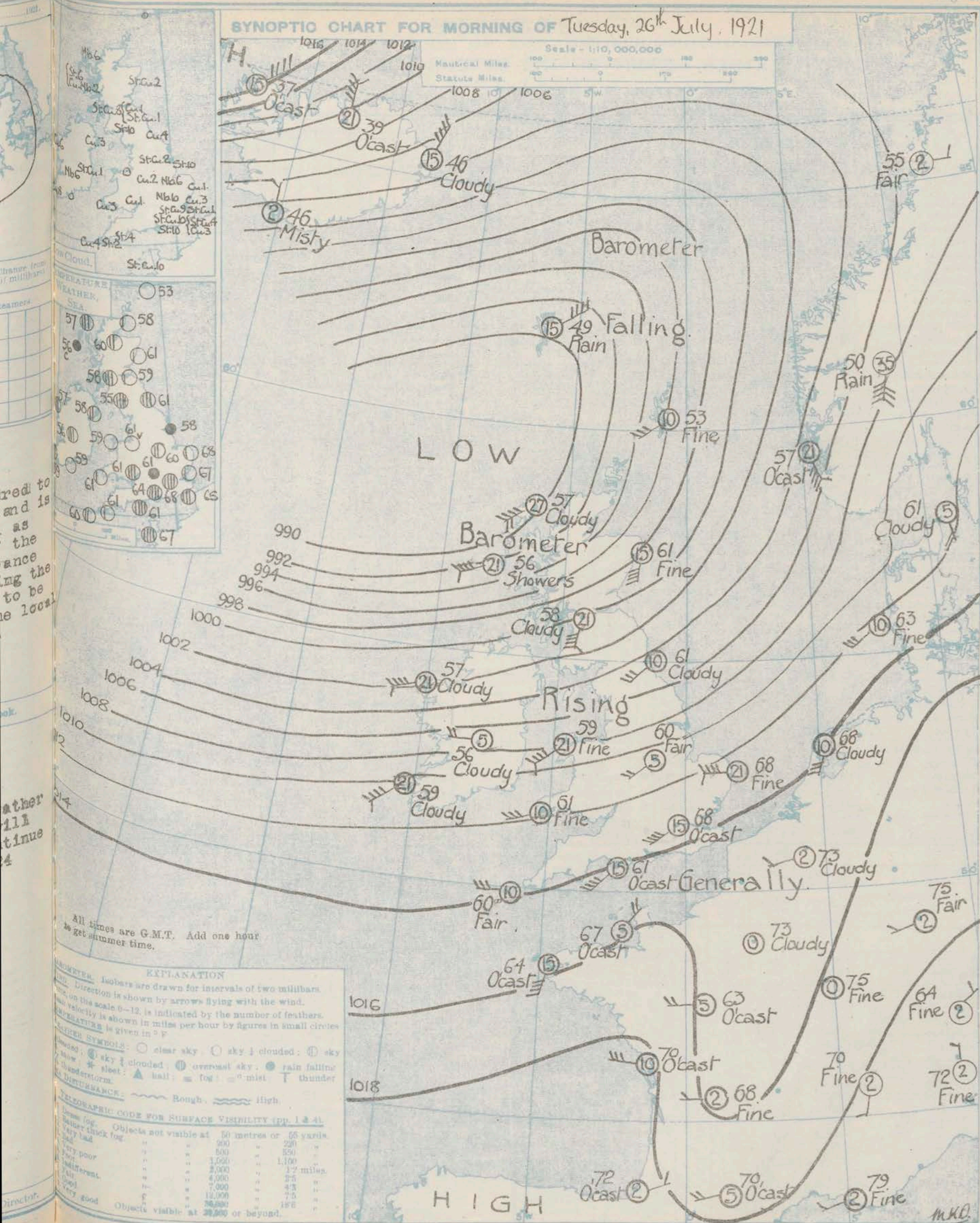
Wind: between South-West and West, moderate or fresh; variable amount of rather low cloud, some local drizzling showers. Temperature rather high, close. Visibility fair or good.

### Further Outlook.

Similar weather conditions will probably continue beyond the 24 hours.



SYNOPTIC CHART FOR MORNING OF Tuesday, 26<sup>th</sup> July, 1921





## AIR MINISTRY.

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

Page 4.

BRITISH SECTION... Tuesday, 26<sup>th</sup> July, 1921.

No. 207

Observations at 0100 G.M.T. 26 <sup>th</sup>															Observations at 0700 G.M.T. 26 <sup>th</sup>														
STATIONS.	Barom. at M.S.L. m.b.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.			Barom. at M.S.L. m.b.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.							
			Direc.	Force						Form.	Amt.	Total Amt.			Direc.	Force						Form.	Amt.	Total Amt.					
																									0-12	0-10	0-10	0-10	0-10
Lerwick	998.5	-2	WSW	2	ffo	50	97	1	5750	nb	10	-	10	996.2	-2	SW	3	b-	53	97	8	-	-	-	-				
Stornoway	1003.0	-2	S	5	ffo	51	97	5	5750	nb	10	-	10	998.1	+1	SW	6	c	57	85	7	5750	nb	6	acc	8			
Wick	995.6	-1	SSW	3	bcr	56	85	9	-	-	-	acc	4	993.9	-2	SSW	4	b-	58	75	8	-	-	-	8				
Castlehay														992.5	+1	WSW	5	cpt	56	85	6	800	Sz	8	2				
Nairn														993.8	-	W	4	bcr	60						0				
Aberdeen														999.6	-1	SSW	4	b+	61	75	8	4000	StrCu	2	-	2			
Malin Head	993.3	-2	SSW	5	bc-	58	92	8	4000	CuNb	4	-	4	997.5	+5	SSW	5	Cp	56	92	8	4000	CuNb	7	-	7			
Renfrew	999.6	0	SSW	6	b	59	75	8	2500	Sz	3	-	3	1001.2	+3	SSW	5	c	58	75	8	2500	StrCu	8	-	8			
Leith (Inchkeith)														999.7	-1	W	6	b	59	85	9	-	Cu	2	-	2			
Eskdalemuir	1002.3	0	SW	4	c	55	85	6	4000	Cu	3	ast	7	1003.1	+1	SW	6	0	55	75	7	2500	St	10	-	10			
Tyremouth														1004.9	+1	SW	3	bc-	61	75	6	4000	Cu	4	acc	6			
Blacksod Point	996.2	+3	SW	6	bc-	56	85	7	-	Cu	6	-	6	1001.2	+6	WSW	5	bcr	57	85	7	7250	Cu	6	-	6			
Donsghadee														1003.5	+4	WSW	3	bc-	58	75	8	5750	Cu	3	acc	5			
Birr Castle														1006.4	-	W	2	bc-	56	97	8	4000	nb	6	-	6			
Baldonnell	1003.8	+2	S'W	5	b	57	75	8	-	-	-	ast	2	1006.6	+3	W	4	b	57	75	8	2500	StrCu	1	-	1			
Holyhead	1005.2	+1	SW'S	5	c-	58	85	8	1500	Sz	4	ast	7	1007.9	+3	SW	5	b	59	92	8	-	-	-	ast	-			
Liverpool (Bidston)														1005.4	+2	SW	3	bv	61	65	8	-	-	-	CuSt	2			
Manchester (Alex.Pk.)														1009.4	+3	SW	3	b+	60	75	8	-	-	-	-	-			
Howden	1006.3	0	SW	4	ofo	66	85	7	1500	Sz	10	-	10	1008.4	+3	S	3	bc-	59	92	7	4000	StrCu	2	CuSt	5			
Sparn Head	1008.4	+1	SW	6	bc	66	85	8	1500	Sz	5	-	5	1010.9	+2	SW	4	opt	58	92	7	4500	Sz	10	-	5			
Nottingham														1010.3	-	WSW	2	bc	60	92	5	4000	Cu	2	Cu	7			
Cranwell	1008.6	0	SW'S	5	bc	64	85	8	2500	StrCu	4	-	4	1011.2	+3	SW	3	c/r	58	97	8	2500	nb	6	CuSt	2			
Gorleston	1012.1	0	W'S	3	b	65	85	9	-	-	-	-	-	1012.3	0	W	5	b	68	65	8	4000	Cu	1	CuSt	3			
Pulham	1011.4	0	S'W	3	b	64	92	7	-	-	-	-	-	1011.7	0	SW	3	b-	67	85	8	4000	StrCu	3	-	3			
Felixstowe														1013.8	0	SW	5	b-	67	85	8	1500	Sz	2	-	2			
Valencia (Cahirciveen)	1004.8	+3	W	8	c/r	59		5	-	StrCu	8	-	8	1016.1	+4	SW	5	c-	59	75	8	2500	Cu	8	-	8			
Roghe Point														1010.7	+4	WSW	4	b	59	85	8	-	-	-	-	3			
Pembroke (St. Ann's H.)	1008.9	0	W	4	opt	57	97	8	4000	nb	10	-	10	1011.4	+3	WSW	3	b-	61	75	8	5750	Cu	3	-	7			
Ross-on-Wye														1012.0	+3	SW'W	3	c-	61	85	8	4000	Cu	1	Cu	10			
Benson														1012.8	+4	W	3	opt	61	97	4	-	nb	10	-	10			
S. Farnborough														1013.1	+2	SW	5	0	64	85	8	800	StrCu	10	-	9			
London (Kew Obsy.)														1013.0	+1	SW	4	0	68	75	9	1500	StrCu	9	-	8			
Croydon	1013.3	-1	SW'S	4	ot	65	75	9	4000	StrCu	3	acc	9	1013.8	+1	SSW	5	c+	66	75	8	4000	StrCu	8	-	3			
Clacton-on-Sea														1013.1	+1	SW	4	b	67	85	8	4000	Cu	3	CuSt	1			
Shoeburyness														1012.4	0	SW	4	b	68	65	7	-	-	-	CuSt	1			
Grain														1013.7	0	SSW	5	bv	69	65	9	4000	StrCu	1	-	9			
Lymington	1014.0	0	SW	3	0	61	92	8	800	StrCu	10	-	10	1014.1	0	SW'S	3	0	65	92	9	4000	StrCu	9	-	4			
Seilly (St. Mary's)	1011.4	+1	W	4	ot	58	97	8	1500	Sz	10	-	10	1013.8	+3	W	3	bc-	60	85	8	4000	Cu	4	-	3			
Falmouth														1013.9	+4	SW	3	b	61	92	7	-	Sz	2	acc	8			
Plymouth	1011.5	0	SSW	4	0	64	92	8	1500	Sz	10	-	10	1013.8	+5	-	0	c-	61	85	7	2500	Str	4	acc	10			
Portland Bill	1013.8	0	SW	4	ct	61	85	8	1500	StrCu	8	-	8	1014.1	+2	SW	4	ot	61	85	7	-	-	-	ast	10			
Calshot	1012.8	-1	SW'S	5	b-	65	85	8	4000	StrCu	2	-	2	1013.6	+2	SW	5	ot	65	92	8	1500	Sz	10	-	10			
Dungeness	1014.0	0	SW	3	b+	63	97	9	7250	StrCu	2	-	2	1014.9	+1	SW	4	c	65	85	9	4000	StrCu	7	-	7			
Jersey (Th.)	1014.3	0	SW	4	c	65	85	8	5750	CuNb	8	-	8	1016.0	0	SW	2	0	67	75	8	4000	StrCu	10	-	10			
Guernsey (Th.)																													

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 25 <sup>th</sup> July																	
STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Fore-noon.	After-noon.	Max. Day.	Min. Night.	Night 11h.-5h.	Day 5h.-11h.	Sunrise to 17h.	Sunset to 24h.		Fore-noon.	After-noon.	Max. Day.	Min. Night.	Night 11h.-5h.	Day 5h.-11h.	Sunrise to 17h.	Sunset to 24h.
Banff	roc	bc	70	50	4	4	1.3	9.0	Paignton	obcqb	bcqb	74	62	trace	0.5	4.5	12.7
Montrose	oro	bc	70	53	6	6	2.7	7.7	Hilfracombe	code	cbebr	73	62	2	0.5	5.6	11.8
									Bude	ebc	cd	73	63	0.3	1	1.9	6.6
Llandudno	c	co	73	56	1	1	3.3	8.6	Penzance	or	mc	69	63	2	2	6.0	12.5
Celwyn Bay	bc.c	ebacr	73	56	2	-	9.5	8.6	Torquay	o.be	b.c.c	71	63	0.1	-	1.7	11.7
Rhyl	ebc	bc.o	73	56	1	-	6.6	7.2	Weymouth	c	b	72	61	-	-	-	12.2
Southport	ebcbe	bc.co	75	58	2	-	5.8	9.3	Bournemouth	o	b	73	60	-	-	5.4	11.5
Blackpool	or	co	73	55	3	-	4.0	8.4	Portsmouth (St. Thea)	bc	b	75	61	-	-	3.6	11.2
Harrogate	bc.b	bc	78	54	2	-	8.5	5.7	Worthing	obc	bb	74	61	-	-	3.2	11.7
Skogness	b	co	84	59	0.5	-	7.5	11.4	Brighton	roc	ob	71	62	-	-	5.9	10.4
									Eastbourne	ocbc	bab	72	60	-	-	3.8	9.8
Aberystwyth	roc	co	71	60	2	-	1.0	8.5	Hastings	o	ocbb	73	60	-	-	6.5	9.7
Bath	ebc	cbe.b	79	61	-	-	6.6	9.6	Folkestone	oebc	beb	74	54	-	-	7.1	9.3
Lamington Spa	c	c	82	59	-	-	7.7	-	Tunbridge Wells	ob	b	77	57	-	-	8.5	9.6
Lowestoft	ocbc	bc.b	82	61	-	-	6.3	11.7	Ramsgate	bc	bc	79	67	-	-	9.5	-
Felixstowe	o	bc	81	60	-	-	6.1	12.8	Margate	oc	b	80	58	-	-	8.4	-
Southend	ocbc	bc.bv	81	60	-	-	5.8	11.7	Deal	obc	bc.b	77	58	-	-	-	-

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 25<sup>th</sup> July

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.	
	Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night 17h-24h.	Day 24h-17h.	Sunrise to 17h.	Sunset to 24h.		Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night 17h-24h.	Day 24h-17h.	Sunrise to 17h.	Sunset to 24h.
					mm.	mm.	hr.	hr.						mm.	mm.	hr.	hr.
Banff ... ..	roc	bc	70	50	4	4	1.3	9.0	Paignton ... ..	obcqb	bcq	74	62	Trace	4.5	12.1	
Montrose ... ..	oro	bc	70	53	6	6	2.7	7.7	Ilfracombe ... ..	code	cbebr	73	62	2	0.5	5.6	
Llandudno ... ..	c	co	73	56	1	1	3.3	8.6	Bude ... ..	cbo	cd	73	63	0.3	1	1.0	
Colwyn Bay ... ..	bc.c	cbebr	73	56	2	2	9.5	8.6	Penzance ... ..	or	mc	69	63	2	2	6.0	
Rhyl ... ..	cbe	bc.o	73	56	1	1	6.6	7.2	Torquay ... ..	o.be	bc.c	71	63	0.1	-	1.7	
Southport ... ..	cbebr	bc.co	75	58	2	2	3.8	9.3	Weymouth ... ..	c	b	72	61	-	-	-	
Blackpool ... ..	or	co	73	55	3	3	4.0	8.4	Bournemouth ... ..	o	b	73	60	-	-	5.9	
Harrogate ... ..	bc.b	bc	78	54	2	1	8.5	5.7	Portsmouth (S'thsea) ... ..	bc	b	75	61	-	-	3.6	
Skegness ... ..	b	b	84	59	0.5	-	7.5	11.4	Worthing ... ..	obe	bb	74	61	-	-	3.2	
Aberystwyth ... ..	roc	co	71	60	2	-	1.0	8.3	Brighton ... ..	moe	ob	71	62	-	-	5.9	
Bath ... ..	cbo	cbe.b	79	61	-	-	6.6	9.6	Eastbourne ... ..	oebe	beb	72	60	-	-	3.8	
Lamington Spa ... ..	c	c	82	59	-	-	7.7	-	Hastings ... ..	o	cbe.b	73	60	-	-	6.5	
Lowestoft ... ..	oebe	bc.b	82	61	-	-	6.3	11.7	Folkestone ... ..	oebo	beb	74	54	-	-	7.1	
Felixstowe ... ..	o	bc	81	60	-	-	6.1	12.8	Tunbridge Wells ... ..	ob	b	77	57	-	-	8.5	
Southend ... ..	oebe	beb	81	60	-	-	5.8	11.7	Ramsgate ... ..	bc	bc	79	57	-	-	9.5	
									Margate ... ..	oc	b	80	58	-	-	8.4	
									Deal ... ..	obe	bc.b	77	58	-	-	-	

\* Information for these columns not usually received

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

‡ For code see page 8.

§ See footnote page 1.



## AIR MINISTRY.

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

BRITISH SECTION.

No. B.21797

Wednesday 27 July 1921.

Page 1.

Observations at 1800 G.M.T. 26 <sup>th</sup>															Observations at 1800 G.M.T. 26 <sup>th</sup>														
STATIONS.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility 0-9	Height of Low Cloud. Feet	Cloud.			Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility 0-9	Height of Low Cloud. Feet	Cloud.			Sea.				
			Direc.	Force						Form.	Amt.	Total Form.			Total Amt.	Direc.						Force	Form.	Amt.		Total Form.	Total Amt.		
																												0-10	0-10
Lerwick	996.0	0	SSW	4	b	56	92	7	-	-	-	996.8	+3	WSW	7	ct	57	85	7	7250	CuNb	2	Acu	7	6				
Stornoway	992.7	+4	SW	6	ct	60	75	7	-	CuNb	8	-	999.7	+4	SW	5	opr	59	65	7	450	Sr	10	-	4				
Wick	996.1	+2	SSW	3	c	58	75	8	5450	Cu	8	-	998.1	+2	SW	4	ct	58	75	8	7250	Cu	8	-	8				
Castledyke	999.2	+4	W	5	opr	57	85	6	2500	Sr	10	-	1002.5	+3	W	6	bc	56	75	6	4000	Cu	4	Acu	5	6			
Nairn	1000.5	+2	SW	5	c	65	55	8	4000	Cu	7	-	1000.6	+3	WSW	7	c	59	-	-	-	-	-	-	-				
Aberdeen	1000.5	+2	SW	5	c	65	55	8	4000	Cu	7	-	1003.3	+3	SW	4	bc	63	55	8	4000	Cu	6	-	6	3			
Malin Head	1003.6	+6	SW	4	bc	57	97	8	4000	CuNb	6	-	1006.5	+3	SW	4	bc	57	92	7	4000	Cu	5	Acu	5	4			
Renfrew	1004.7	+4	SW	4	c	63	65	8	2500	SrCu	8	-	1008.0	+3	WSW	5	ct	60	65	8	4000	SrCu	5	Acu	7	5			
Leith (Inchkeith)	1002.1	+1	WSW	7	bc	62	75	9	-	Cu	4	Acu	1003.2	+1	WSW	7	c	60	85	8	-	Cu	2	Acu	7	5			
Bakdalemuir	1006.0	+4	SW	6	c	62	65	7	4000	Cu	7	-	1009.3	+3	SW	4	c	65	75	7	4000	Cu	5	Acu	9	9			
Tysemouth	1007.0	+3	WSW	4	bc	68	55	8	2500	Cu	5	-	1009.5	+3	WSW	4	c	65	55	8	4000	Cu	4	Acu	10	9			
Blackod Point	1007.6	+6	WSW	6	ct	71	75	7	-	Cu	6	-	1009.6	+3	W	4	bc	59	75	7	4000	CuNb	5	-	3	6			
Donaghadee	1007.9	+2	WSW	4	ct	67	55	8	4000	Cu	7	-	1009.8	+2	SW	2	PR	62	65	8	4000	Nb	9	-	9	0			
Birr Castle	1010.3	-	SW	3	ct	67	75	7	4000	Nb	8	-	1012.6	-	SW	2	ct	61	75	7	4000	Nb	9	-	9	0			
Baldonnell	1012.5	+4	WSW	5	ct	65	55	8	4000	SrCu	8	Acu	1013.1	+3	WSW	3	od	60	65	8	4000	Sr	10	-	10	0			
Holyhead	1011.7	+4	SW	5	c	64	85	8	4000	Cu	1	Acu	1013.0	+2	SW	3	o	61	92	8	2500	SrCu	4	Acu	10	4			
Liverpool (Bidston)	1011.9	+4	W	4	ct	64	55	8	1500	Nb	7	-	1013.2	+1	SW	5	o	63	55	6	-	-	Acu	10	4	0			
Manchester (Alex.Pk.)	1012.0	+3	WSW	7	c	64	45	9	2500	SrCu	6	Acu	1013.8	+2	SW	5	o	64	55	9	2500	Cu	2	Acu	10	0			
Howden	1011.1	+3	SW	6	ct	74	45	9	2500	Cu	7	-	1012.7	+2	SW	3	o	67	55	8	4000	Sr	5	Acu	10	0			
Spurn Head	1012.3	+2	WSW	5	bc	70	97	8	4000	Cu	4	-	1013.1	+1	WSW	4	o	68	97	8	1500	Sr	9	Acu	10	5			
Nottingham	1012.5	-	WSW	4	bc	72	45	8	1500	Cu	6	-	1013.9	-	W	3	o	67	55	6	2500	SrCu	2	Acu	10	0			
Cranwell	1012.6	+3	WSW	5	c	73	45	8	2500	-	5	Acu	1014.2	+1	WS	3	o	68	65	8	2500	Cu	1	Acu	10	0			
Gorleston	1014.0	+2	NW	4	o	70	65	8	-	-	-	Acu	1015.0	+1	NW	2	o	74	45	8	-	-	Acu	10	0	0			
Pulham	1014.3	+2	SW	3	o	70	75	9	1500	Sr	10	-	1014.2	+1	WSW	2	ct	73	55	7	-	-	Acu	10	0	0			
Pelrystowe	1015.7	+2	WNW	4	o	68	75	8	2500	SrCu	10	-	1015.4	0	W	3	b	74	55	8	-	-	o	-	0	1			
Valencia (Cahizevean)	1013.7	+3	SWW	5	o	61	65	8	4000	Sr	4	Acu	1014.7	+1	WSW	4	o	60	65	8	4000	SrCu	4	Acu	10	4			
Roches Point	1014.2	+3	WSW	4	o	63	65	8	1500	Cu	3	Acu	1015.2	+2	WSW	4	o	62	75	8	1500	CuNb	3	Acu	9	3			
Pembroke (St. Ann's H.)	1015.7	+4	WSW	3	o	62	75	8	800	-	5	Acu	1016.3	+1	W	3	bc	60	75	8	5750	CuNb	2	Acu	6	0			
Ross-on-Wye	1014.3	+2	WSW	4	o	69	55	8	4000	Cu	6	Acu	1015.5	+1	WSW	4	o	65	65	8	4000	Cu	1	Acu	10	0			
Benson	1014.2	+1	W	4	bc	76	35	9	-	Cu	3	-	1015.4	+1	WNW	3	o	70	55	8	-	-	Acu	10	0	0			
S. Farnborough	1015.4	+1	WSW	4	bc	73	45	8	4000	Cu	4	Acu	1015.5	0	SW	4	c	70	55	8	7250	SrCu	2	Acu	7	0			
London (Kew Obs.)	1015.3	+1	W	2	ct	71	65	8	4000	Cu	6	Acu	1015.1	0	SW	2	o	73	55	8	4000	Cu	1	Acu	10	0			
Croydon	1015.5	+1	WSW	4	c	71	55	9	2500	Cu	5	Acu	1015.6	+1	SW	3	o	70	55	9	-	-	Acu	10	0	0			
Clacton-on-Sea	1014.3	+3	WNW	1	ct	67	75	6	2500	SrCu	7	Acu	1014.7	0	WSW	3	o	74	55	6	-	-	Acu	10	0	0			
Shoeburyness	1014.3	+3	WNW	1	ct	67	75	6	2500	SrCu	7	Acu	1015.1	-2	SW	1	o	74	55	7	1500	Cu	3	Acu	10	3			
Grain	1015.9	+4	W	3	od	67	75	7	1500	SrCu	10	-	1015.6	+1	SSW	4	o	72	55	8	-	-	Acu	10	0	0			
Lympe	1016.1	+2	SW	5	c	70	75	9	1500	SrCu	6	Acu	1016.1	0	SSW	4	o	66	85	9	-	-	Acu	10	0	0			
Scilly (St. Mary's)	1016.3	+2	-	0	o	68	65	9	-	-	Acu	10	017.4	0	-	0	b	66	75	8	4000	Cu	1	Acu	4	4			
Palmouth	1016.4	+2	SW	4	o	71	55	7	4000	SrCu	4	Acu	1016.8	+2	SW	3	b	68	55	7	-	-	Acu	3	0	0			
Plymouth	1016.3	+2	SW	4	o	66	75	8	4000	SrCu	2	Acu	1016.6	0	SW	3	b	65	75	8	4000	SrCu	1	-	1	0			
Portland Bill	1017.4	+4	SW	4	o	64	85	8	-	-	Acu	10	1017.4	0	SW	4	b	62	85	8	-	-	Acu	4	0	0			
Calshot	1016.3	+2	SW	4	o	68	65	9	4000	SrCu	10	-	1016.8	0	SW	4	o	66	75	8	7250	SrCu	7	Acu	10	0			
Dungeness	1016.4	+2	SW	4	b	70	85	9	4000	Cu	2	Acu	1016.5	0	SW	4	c	65	85	9	-	-	Acu	8	0	0			
Jersey	1017.9	+1	NE	2	o	71	55	8	4000	SrCu	10	-	1017.6	0	NE	2	b	69	65	8	-	-	Acu	1	0	0			

LONDON OBSERVATIONS.	WEATHER.			TEMPERATURE.			RAIN-FALL. mm.	SUN-SHINE to Sunset. hrs.	HUMIDITY.		ATMOSPHERIC POLLUTION. Lbs. of solid impurity per million cubic yards.	SOLAR RADIATION. Vertical component per square centimetre.	POLE STAR RECORD at Greenwich Obsy.		
	Morning.	Afternoon.	Night.	Max. °F.	Min. °F.	Min. on Grass. °F.			10h. G.M.T.	9h. G.M.T.			Exposure from 20° to 27° 2' N.E. m.		
	24 HOURS ENDED 0900 G.M.T. 27 <sup>th</sup>	24 HOURS ENDED 0900 G.M.T. 27 <sup>th</sup>	24 HOURS ENDED 0900 G.M.T. 27 <sup>th</sup>	24 HOURS ENDED 0900 G.M.T. 27 <sup>th</sup>	24 HOURS ENDED 0900 G.M.T. 27 <sup>th</sup>	24 HOURS ENDED 0900 G.M.T. 27 <sup>th</sup>			YESTERDAY.	TO-DAY.			During yesterday.		
Kew	ad. m. oc	oy	bc. c. o	-	-	46	0.5	3.4	-	-	24 Hrs. ended 1800 G.M.T. 26 <sup>th</sup>	During yesterday.	20° to 27° 2' N.E. m.	20° to 27° 2' N.E. m.	20° to 27° 2' N.E. m.
Croydon	ad. m. oc	oy	bc. c. o	-	-	46	0.5	3.4	-	-	South Kensington	During yesterday.	20° to 27° 2' N.E. m.	20° to 27° 2' N.E. m.	20° to 27° 2' N.E. m.
Greenwich (Royal Obsy.)	ad. m. oc	oy	bc. c. o	-	-	46	0.5	3.4	-	-	Max. Time Min. Time	During yesterday.	20° to 27° 2' N.E. m.	20° to 27° 2' N.E. m.	20° to 27° 2' N.E. m.
City (Bethhill Row)	ad. m. oc	oy	bc. c. o	-	-	46	0.5	3.4	-	-	0.2 10h 26h	During yesterday.	20° to 27° 2' N.E. m.	20° to 27° 2' N.E. m.	20° to 27° 2' N.E. m.
Westminster (St. James' Pk.)	ad. m. oc	oy	bc. c. o	-	-	46	0.5	3.4	-	-	Max. Time Min. Time	During yesterday.	20° to 27° 2' N.E. m.	20° to 27° 2' N.E. m.	20° to 27° 2' N.E. m.
Regents Pk. (Botanical Obsy.)	ad. m. oc	oy	bc. c. o	-	-	46	0.5	3.4	-	-	0.2 10h 26h	During yesterday.	20° to 27° 2' N.E. m.	20° to 27° 2' N.E. m.	20° to 27° 2' N.E. m.
Camden Sq. (Brit. Rainfall)	ad. m. oc	oy	bc. c. o	-	-	46	0.5	3.4	-	-	Max. Time Min. Time	During yesterday.	20° to 27° 2' N.E. m.	20° to 27° 2' N.E. m.	20° to 27° 2' N.E. m.
Kensington Palace	ad. m. oc	oy	bc. c. o	-	-	46	0.5	3.4	-	-	0.2 10h 26h	During yesterday.	20° to 27° 2' N.E. m.	20° to 27° 2' N.E. m.	20° to 27° 2' N.E. m.
Hampstead Observatory	ad. m. oc	oy	bc. c. o	-	-	46	0.5	3.4	-	-	0.2 10h 26h	During yesterday.	20° to 27° 2' N.E. m.	20° to 27° 2' N.E. m.	20° to 27° 2' N.E. m.

Information for these columns not usually received.

The barometric change is expressed in half millibars.

For code see page 3.

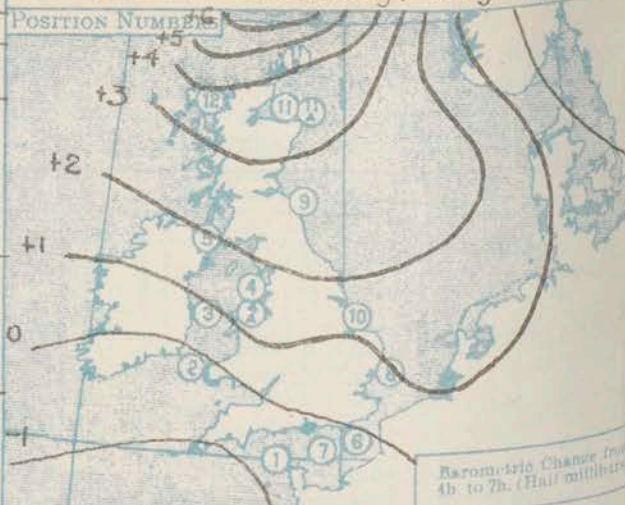


## SUMMARIES FOR THE PAST 24 HOURS.

ISALLOBAH

Wednesday, July 27<sup>th</sup> 1921.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SEN.
	7h.-13h.	13h.-18h.	18h.-24h.	1h.-7h.	MAX. Day.	MIN. Night.	MIN. on GRASS.	Day.	Night.	Precipitation began.	
Lerwick	c	c	oo	oo-r	61	51	.	-	2	130	.
Stornoway	p	p	p	p	60	52	.	-	6	-	5.5
Wick	b or bc	p	p	p	63	52	.	0.3	-	1930	4.6
Castlesay	o or p	b or bc	b or bc	b or bc	56	52	.	0.1	1	-	10.0
Nairn	q or bc	c	q or bc	bc or c	67	52	.	-	-	-	9.0
Aberdeen	c	p	b or bc	bc	67	49	.	Trace	-	1430	.
Malin Head	p	p	p	p	60	53	.	0.5	1	-	10.4
Renfrew	co	co	co	co	64	52	46	0.4	0.5	11.0 22.0	6.7
Leith	b or bc	c	oo	oo	63	53	50	-	-	-	.
Eskdalemuir	ir	ir	ir	ir	62	46	43	5	0.1	9.0	4.4
Tynemouth	cq	og	cim	cm	69	53	.	3-	-	-	.
Blackrod Point	co	p	p	c	63	52	.	0.1	-	9.0	.
Donsghades	co	co	co	co	68	48	.	1	0.4	11.0	.
Birr Castle	co	co	co	co	64	50	43	0.4	0.2	-	4.8
Baldonnell	c	oo	oo	oo	68	51	46	Trace	-	9.0	5.7
Holyhead	co	oo	c	oo	65	54	48	-	-	-	7.4
Liverpool (Bidston)	p	c	b or bc	bc	68	53	47	0.2	-	11.0	6.1
Manchester (Alex.Pk.)	oo	ov	b or bc	bc	40	49	42	-	-	-	.
Howden	c	oo	c	form	74	45	37	-	-	-	8.8
Spurn Head	c	c	oo	b or bc	73	54	.	3.0.3	-	-	.
Nottingham	c	c	c	c	73	49	42	-	-	-	7.9
Gravelly	c	c	b or bc	b or bc	44	49	44	-	-	-	7.3
Corleston	co	oo	b or bc	bc or c	76	56	53	-	-	-	7.0
Pulham	oo	oo	b or bc	c	76	60	43	-	-	-	5.3
Felixstowe	oo	z	c	c	75	57	51	-	-	-	7.2
Valencia (Cahirciveen)	co	o	oo	o	62	51	47	-	-	-	2.0
Roche's Point	oo	oo	oo	oo	64	55	.	-	-	-	.
Pembroke (St. Ann's H.)	c	c	c	c	63	55	.	-	-	-	5.5
Ross-on-Wye	co	oo	o or bc	bc or c	41	48	43	-	-	-	5.5
Benson	c	ir	oo	oo	78	49	41	Trace	Trace	430	.
S. Farnborough	r or d	D	oo	oo	77	50	44	1	-	-	4.3
London (Kew Obs.)	co	co	b or bc	c or c	77	56	46	0.5	-	9.0	3.4
Croydon	co	co	b or bc	c or c	74	55	50	Trace	-	9.0	.
Olveston-on-Sea	co	co	co	co	74	58	51	-	-	-	5.4
Shoeburyness	c	c	c	c	76	53	43	-	-	-	7.7
Grain	id	z	c	oo	76	53	?	-	-	-	7.8
Lympne	co	co	co	co	73	53	42	-	-	-	7.6.7
Scilly (St. Mary's)	c	b or bc	oo	oo	69	57	.	2	-	530	10.6
Falmouth	bc	bc	c	oo	72	58	57	-	2	230	11.8
Plymouth	c	b or bc	oo	oo	67	58	56	-	0.3	430	10.3
Portland Bill	oo	c	c	c	65	58	.	-	-	-	.
Calshot	r or d	oo	c	oo	69	57	50	Trace	-	-	3.4.2
Dungeness	b or bc	c	c	im	71	57	.	-	-	-	.
Jersey	oco	oco	b or bc	o	73	61	.	-	-	-	5.8



Position Number	6	7	3	1	6
Date	26	26	26	26	27
Time G.M.T.	0200	0300	0400	0500	0600
Sea ° F	61	62	59	60	62
Air ° F	64	65	60	65	61

## GENERAL INFERENCE.

The barometer continues to rise in the North and a small anticyclone has formed over S.E. England. A shallow secondary depression which has appeared off the mouth of the Channel and is causing rain in S.W. England may extend its influence further Eastward. A thundery tendency is likely to develop in the South.

## Districts.

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

Wednesday, 27th July, 1921.

Further Outlook.

1. S.E. England	Light Easterly or variable winds; much cloud, some drizzle or slight rain probable; visibility fair; somewhat cooler.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	Light Westerly or variable winds; mainly fair; visibility fair to good; warm.
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Wind South-West to West, moderate; variable sky, some showers; visibility mainly good; warm.
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	Wind Westerly, strong at first then moderating; cloudy, some showers; visibility fair to good; moderate temperature.
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	As for 11 - 13.
19. S.E. Ireland	Light variable winds; cloudy, perhaps slight rain; visibility fair; somewhat cooler.
20. S.W. Ireland	



# SYNOPTIC CHART FOR MORNING OF Wednesday, 27th JULY, 1921.

Scale - 1:10,000,000

Nautical Miles  
Statute Miles

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

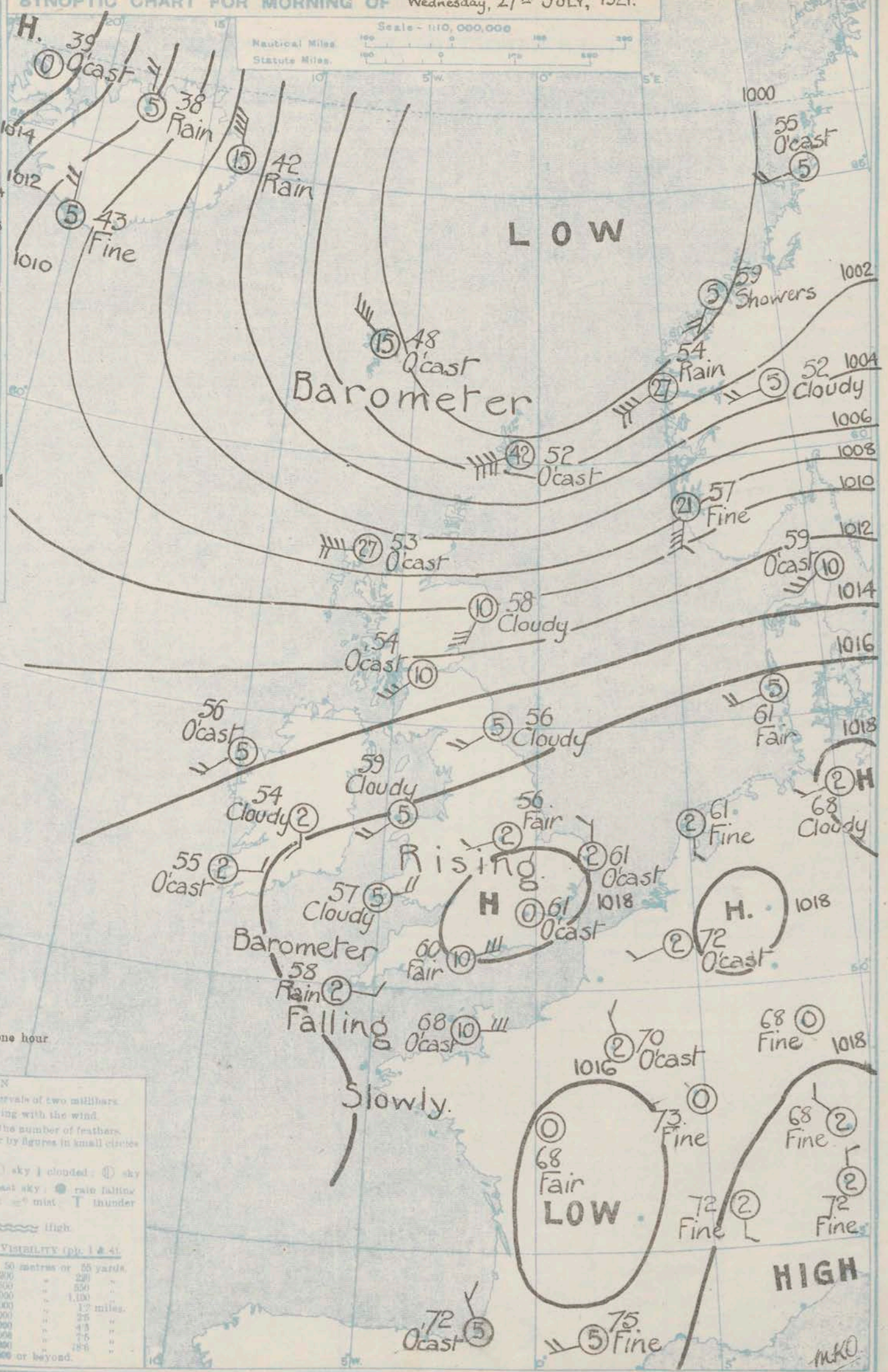
## EXPLANATION

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

WEATHER SYMBOLS: ☉ clear sky ☁ sky | cloudy ☂ sky  
☄ snow \* sleet ☁ overcast sky ☔ rain falling  
⚡ thunderstorm ⚡ hail ☁ fog ☁ mist ⚡ thunder

SEA DISTURBANCES: ~~~~~ Rough ~~~~~ High

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (p. 1 & 4)			
	Objects not visible at	50 metres or 55 yards	
1. Dense fog	"	200	"
2. Rather thick fog	"	500	"
3. Very bad fog	"	1,000	"
4. Bad	"	2,000	"
5. Very poor	"	4,000	"
6. Poor	"	7,000	"
7. Indifferent	"	12,000	"
8. Fair	"	20,000	"
9. Good	"	30,000	"
10. Very good	"	40,000	"
	Objects visible at	20,000 or beyond	





## AIR MINISTRY.

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

Page 4.

BRITISH SECTION. Wednesday, 27<sup>th</sup> July, 1921.

No. 208

STATIONS.	Observations at 0100 G.M.T. 27 <sup>th</sup>													Observations at 0700 G.M.T. 27 <sup>th</sup>												
	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity %.	Visibility & Height of Low Cloud. 0-9 Feet	Cloud.			Sea.	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity %.	Visibility & Height of Low Cloud. 0-9 Feet	Cloud.			Total Amt. 0-10	Sea.	
			Dir.	Force					Form.	Amt.	Form.				Amt.	Dir.					Force	Form.	Amt.			
																										0-12
Lerwick ...	997.5	0	WSW	8	ot	53	92	7	Mo	10	-	10	1001.5	+6	WSW	8	ot	52	92	7	Mo	9	-	9	7	
Stornoway ...	1012.2	+4	SW	5	PR	54	85	5	St	8	-	8	1007.1	+4	W	6	ot	53	92	7	St	10	-	10	5	
Wick ...	1001.5	+2	WSW	5	C	54	85	9	St	8	-	8	1006.1	+3	WSW	4	ot	55	85	8	St	8	-	8	3	
Castlebay ...													1010.1	+2	W	3	bc	54	85	7	Cu	2	-	2	1	
Nairn ...													1009.3		W	2	bc	57							0	
Aberdeen ...													1010.4	+1	SW'S	3	bc	58	75	8	Cu	1	-	1	0	
Malin Head ...	1000.0	+3	WSW	4	PR	55	92	8	Cu	6	-	6	1011.7	+2	WSW	3	PR	55	92	8	Cu	6	-	6	3	
Renfrew ...	1010.7	+2	SSE	5	ot	54	75	8	St	9	-	9	1012.8	+2	SW	3	ot	54	85	7	St	10	-	10	3	
Leith (Inchkeith) ...													1012.2	+3	WSW	4	ot	54	97	9	St	9	-	9	8	
Eskdalemuir ...	1012.4	+2	SW	4	bc	50	85	6	St	5	-	5	1014.7	+2	SW	3	ot	50	85	7	Cu	4	-	4	2	
Tynemouth ...	1012.9	+2		0	C	55	85	6			-		1015.1	+2	SW	2	bc	56	85	5	Cu	3	-	3		
Blackod Point ...	1012.3	+1	W	1	b	55	85	8	Cu	3	-	3	1012.9	+1	SW	2	ot	56	85	7	St	10	-	10	0	
Donsghadee ...													1014.3	+1	W	1	ot	52	85	8			-			
River Castle ...													1015.1		S	1	ot	54	85	7	Cu	4	-	4	0	
Baldonnell ...	1015.2	+1	SW'S	1	C	52	85	8	St	5	-	5	1015.5	+0	S	2	ot	56	85	8	St	2	-	2	0	
Holyhead ...	1015.8	+2	SW'W	3	ot			7	St	10	-	10	1016.0	+1	SW	2	ot	59	85	8			-		1	
Liverpool (Bidston) ...													1016.4	+1	SSW	1	ot	59	75	7	Cu	1	-	1		
Manchester (Alex.Pk.) ...													1017.5	+2	SW	1	ot	57	75	6			-			
Howden ...	1015.4	+2	S	2	ffo	49	92	5	St	5	-	5	1017.0	+2		0	ffo	53	95	5	St	4	-	4	1	
Spurn Head ...	1016.7	+1	WSW	3	b	58	75	8			-		1017.6	+1	WSW	2	ot	57	85	7	St	4	-	4		
Nottingham ...													1017.3		WSW	1	bc	56	85	4			-			
Cranwell ...	1017.4	+2	SW'W	3	bc	52	85	8	St	1	-	1	1017.7		WSW	3	bc	57	85	7			-			
Gorleston ...	1016.6	+1	NW'W	2	bc	59	65	8			-		1017.8	+1	N'W	1	ot	61	65	7	Cu	6	-	6	10	
Pulham ...	1017.0	0	W	2	ot	66	75	8	St	9	-	9	1018.0	+1		0	ot	60	85	8	St	10	-	10	1	
Felixstowe ...													1018.3	+1	N'W	2	ot	64	75	8	St	8	-	8	3	
Valencia (Cahirciveen) ...	1016.7	+3	WSW	1	ot	57		5			-		1014.8	0	E	1	ot	55	85	9	St	2	-	2	0	
Roches Point ...													1016.1	0	S	1	ot	58	92	8	St	10	-	10	3	
Pembroke (St. Ann's H.) ...	1017.4	0	WSW	2	bc	59	85	8			-		1016.8	0	ENE	2	ot	57	92	8	Cu	4	-	4		
Ross-on-Wye ...													1017.6	0		0	ot	54	92	7	St	10	-	10		
Benson ...													1018.1	+1		0	ot	59	85	8	St	10	-	10		
S. Farnborough ...													1018.1	0	NW	1	ot	59	85	8	St	10	-	10		
London (Kew Obsy.) ...													1018.6	+1		0	ot	61	65	6	St	6	-	6		
Croydon ...	1018.1	+1	S	1	ot	55	85	8			-		1018.3	0		0	ot	62	65	6	St	7	-	7		
Clacton-on-Sea ...													1018.2	+1	NW	3	ot	61	65	8			-			
Shoeburyness ...													1018.0	0	NE	1	ot	64	65	7	St	4	-	4		
Grain ...													1018.2	+1	N	1	ot	64	55	7			-			
Lymington ...	1017.9	+3		0	b	55	92	9			-		1017.7	0	N	1	ot	63	75	7	St	5	-	5		
Selly (St. Mary's) ...	1017.2	0		0	ot	61	97	8	St	10	-	10	1016.1	-1	E'S	1	ot	58	97	6	St	10	-	10		
Falmouth ...													1016.4	-1	SSE	1	ot	58	97	3	St	10	-	10		
Plymouth ...	1017.9	0		0	ot	59	85	8	St	10	-	10	1016.9	-1		0	ot	59	92	8	St	10	-	10		
Portland Bill ...	1018.0	+1	ENE	2	bc	60	85	8			-		1018.0	0	ENE	3	bc	60	85	8			-			
Calshot ...	1018.5	+1		0	ot	58	97	8	St	4	-	4	1018.0	0	ENE	3	ot	63	75	8	St	3	-	3	2	
Dungeness ...	1017.9	0	NW	2	bc	61	97	9			-		1017.9	0		0	ot	60	97	6	St	6	-	6	10	
Jersey (T.) ...	1019.1	+1	NW	1	ot	61	92	9	St	9	-	9	1016.9	-1	E	3	ot	65	75	8	St	10	-	10	2	
Guernsey (H.) ...																										
WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 26 <sup>th</sup> JULY.																										
STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.										
	Fore-noon.	After-noon.	Max. Day °F.	Min. Night °F.	Night 12h-6h 25-26 mm.	Day 6h-12h 26-27 mm.	Sunrise to Sunset 25-26 hr.	Sunrise to Sunset 26-27 hr.		Fore-noon.	After-noon.	Max. Day °F.	Min. Night °F.	Night 12h-6h 25-26 mm.	Day 6h-12h 26-27 mm.	Sunrise to Sunset 25-26 hr.	Sunrise to Sunset 26-27 hr.									
Banff ...	bc	bc	68	55	-	-	8.0	3.3	Paignton ...	oc/bc	bc/b	72	58	mm.	mm.	6.2	4.2									
Montrose ...	b	b	67	55	-	-	10.3	4.4	Ilfracombe ...	fo/bc	b	69	59	13	-	10.6	0.6									
Llandudno ...	b	bc.o	66	59	1	-	8.1	3.6	Bude ...	bc	bc	70	58	5	-	6.9	2.8									
Colwyn Bay ...	cbe	bc.o	68	53	3	-	8.2	0.1	Penzance ...	oc	bc/b	71	59	3	-	2.7										
Rhyl ...	bc	bc.c	68	58	1	-	6.6	6.7	Torquay ...	c	c	71	60	0.4	-											
Southport ...	b	b/bc.o	67	59	5	-	8.8	5.8	Weymouth ...																	
Blackpool ...	c	bc.o	67	60	1	-	7.9	4.0	Bournemouth ...	z	z	73	62	-	-	4.0	3.9									
Harrogate ...	b/bc	b/bc.o	68	54	9	-	8.4	7.8	Portsmouth (St. Peter's) ...	o/bc/b	b	73	63	-	-	5.9	5.8									
Skogness ...	o/bc	bc.o	75	59	-	-	5.6	10.1	Worthing ...	z/b	bz	68	64	-	-	4.8	8.3									
Aberystwyth ...	fo	o	63	59	13	-	5.5	1.0	Brighton ...	z/b	bz	68	64	-	-	9.2										
Bath ...	bc/b	b/bc.o	73	59	4	-	5.8	6.9	Eastbourne ...	bc	bc.c	72	64	-	-	6.4	6.3									
Leamington-Spa ...	c	cb	73	56	2	-	6.0	7.9	Hastings ...	o/bc/b	bc.o	73	63	-	-	9.6	7.7									
Lowestoft ...	bcc	co	76	62	-	-	6.8	7.3	Folkestone ...	c	bc.c	72	54	-	-	2.7	6.4									
Felixstowe ...	c	cz	75	64	-	-	7.2	8.5	Tunbridge Wells ...	oc	bc/bz	75	62	-	-	1.9	10.7									
Southend ...	bc.c	oco	76	64	-	-	6.0	6.9	Ramsgate ...	bc	o	78	61	-	-	9.3	11.4									
									Margate ...	b	bc	78	61	-	-	11.7	10.6									
									Deal ...	bc/b	bz	76	61	-	-											

\* Information for these columns not usually received

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

‡ For code see page 8.

§ See footnote page 1.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B.21798

Thursday, 28<sup>th</sup> July 1921.

Page 1.

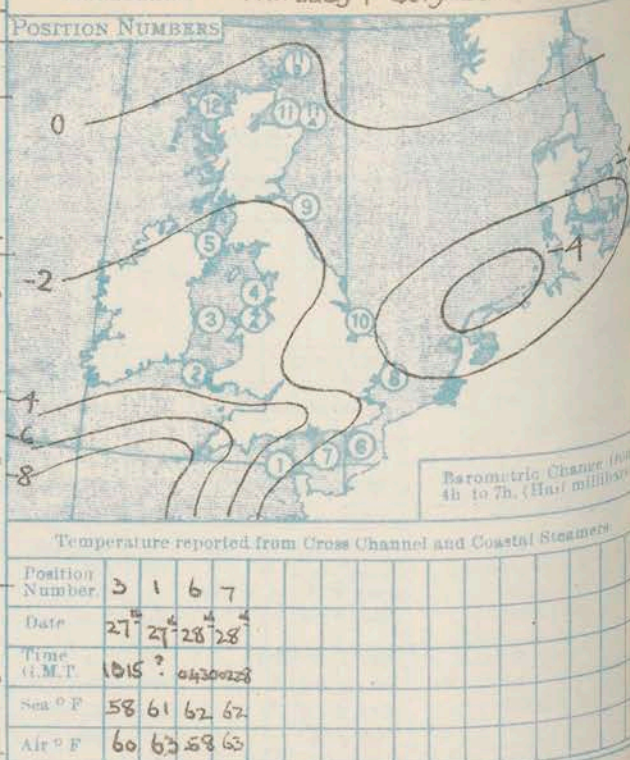
Observations at 1200 G.M.T. 27 <sup>th</sup>														Observations at 1800 G.M.T. 27 <sup>th</sup>													
STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. Miles.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. Miles.	Height of Low Cloud. Feet.	Cloud.			Sea.		
			Direc.	Force.						Form.	Amt.	Direc.			Force.	Form.						Amt.					
																							Low.	Upper.		Total.	Low.
Lerwick	1007.9	+4	W	7	C	53	85	7	-	St. Cu	7	-	7	1011.0	+2	W	5	C	57	85	7	St. Cu	5	9.5	7	4	
Stornoway	1010.9	+4	NW	3	O	57	75	7	4000	Nb	9	-	9	1011.8	0	NW	2	O	56	75	7	Nb	9	-	9	1	
Wick	1010.0	+4	WNW	4	O/r	57	75	8	1500	St.	9	-	9	1011.5	+2	NW	1	O	55	75	8	St.	5	10	10	0	
Castellbay	1012.7	+2	W	4	O	56	75	7	7250	St.	10	-	10	1011.4	-	W	1	C	57	-	-	-	-	-	-	0	
Nairn	1011.4	+1	WSW	3	O/r	66	55	8	4000	Cu	6	H. Cu	9	1012.6	+1	ENE	2	O	58	85	8	St. Cu	8	H. Cu	9	0	
Aberdeen	1011.4	+1	WSW	3	O/r	66	55	8	4000	Cu	6	H. Cu	9	1012.6	+1	ENE	2	O	58	85	8	St. Cu	8	H. Cu	9	0	
Main Head	1012.7	0	WSW	2	O/r	57	92	8	5750	St. Cu	10	-	10	1012.7	0	-	0	O	57	97	8	-	-	-	-	10	
Renfrew	1014.0	0	SW	4	O	61	85	8	4000	Cu	8	H. St	10	1014.1	0	SW	2	O	58	75	8	St. Cu	2	H. St	10	10	
Loth (Inchkeith)	1013.3	+1	W	3	O/r	58	85	9	-	Cu	2	C. Cu	9	1013.0	-	W	2	O/r	58	85	8	-	St. Cu	10	-	10	
Edinburgh	1014.7	0	SW	4	O	59	55	7	2500	Cu	5	C. St	9	1013.9	-1	SW	2	O	59	65	8	2500	St. Cu	10	-	10	
Tynemouth	1014.7	0	W	2	bc	64	55	8	2500	Cu	3	H. St	6	1014.1	-1	W	1	O	65	55	8	2500	St	2	H. Cu	9	0
Blackod Point	1013.2	+1	SW	1	O/r	61	75	8	450	St.	10	-	10	1011.7	-	NNW	1	O	59	75	8	-	-	-	-	10	
Donaghadee	1014.9	0	S	1	O	60	85	7	4000	Cu	10	-	10	1014.1	-2	S	1	O/r	57	85	8	-	-	-	-	10	
Birr Castle	1013.7	-	S	1	O/r	65	65	8	4000	St. Cu	5	H. Cu	9	1011.8	-	S	1	O/r	60	85	7	4000	Nb	10	-	10	
Baldonnell	1014.7	-1	E	2	O	63	75	7	2500	St. Cu	7	H. St	10	1012.8	-2	-	0	O/r	59	92	4	1200	St	10	-	10	
Holyhead	1015.3	-1	SSW	3	O	65	75	9	4000	Cu	2	H. Cu	9	1012.5	-2	E	4	O/r	57	97	5	800	Nb	10	-	10	
Liverpool (Bidston)	1015.2	-2	NW	1	O/r	66	55	7	2500	St.	7	-	7	1012.4	-2	NW	1	O	62	65	7	800	St	10	-	10	
Manchester (Alex. Pk.)	1015.7	-2	WSW	2	O	69	45	9	2500	St. Cu	9	H. St	10	1012.5	-3	W	2	O/r	65	65	6	1500	St. Cu	7	H. St	10	
Howden	1015.3	-1	W	2	O	70	55	6	4000	St. Cu	8	C. St	9	1013.8	-2	NNE	1	O	67	65	7	2500	St. Cu	10	-	10	
Spurn Head	1016.6	-2	SE	4	O/r	66	65	7	2500	St. Cu	5	H. Cu	9	1014.6	-2	SE	3	O/r	65	75	7	450	St	10	-	10	
Nottingham	1016.7	-	S	2	O/r	67	55	6	2500	St. Cu	7	C. St	10	1014.0	-	WNW	1	O	64	55	6	2500	Cu	7	C. St	10	
Cranwell	1016.9	-1	SW	2	O	68	55	8	2500	St. Cu	7	H. St	10	1014.0	-2	SE	2	O	64	55	8	2500	St	8	H. St	10	
Gorleston	1017.0	-1	SE	3	bc	66	92	7	7250	St. Cu	4	C. Cu	6	1012.7	-2	SE	4	O/r	64	92	8	7250	St. Cu	4	H. St	8	
Pulham	1016.3	-2	-	0	C	74	45	8	4000	St. Cu	6	H. Cu	8	1014.7	-2	ENE	3	C	67	75	8	7250	-	-	-	8	
Pollackstone	1017.4	-2	SE	3	O/r	68	75	8	5750	St. Cu	6	H. Cu	7	1015.0	-3	E	3	C	66	85	8	5750	St	7	H. Cu	8	
Valencia (Cahirciveen)	1013.5	0	NNW	1	O	62	65	9	4000	Cu	4	H. St	10	1010.7	-3	NE	3	O/r	58	85	8	2500	St.	1	H. St	9	
Rockes Point	1014.4	-1	SE	2	O	62	85	8	1500	Cu	10	-	10	1010.9	-3	NE	2	O/r	57	92	6	800	Nb	10	-	10	
Pembroke (St. Ann's H.)	1015.5	-1	WSW	4	O/r	59	85	8	4000	Nb	10	-	10	1011.2	-4	SE	4	O	62	92	8	4000	Nb	4	H. St	10	
Ross-on-Wye	1016.2	-2	S	2	O/r	65	65	8	2500	Nb	6	H. St	10	1012.9	-3	E	2	O/r	64	75	9	2500	St	7	H. St	10	
Benson	1015.0	-3	ENE	1	O	72	45	8	-	St. Cu	9	-	9	1011.6	-3	NNE	3	O	68	65	8	-	St. Cu	9	-	9	
S. Farnborough	1015.4	-4	E	2	O	72	45	8	4000	St. Cu	10	-	10	1012.1	-4	E	3	O	74	65	8	4000	St. Cu	9	H. Cu	10	
London (Kew Obs.)	1015.5	-5	-	0	O	74	45	8	5750	St. Cu	6	H. St	10	1012.6	-4	E	4	O	74	45	6	7250	St	6	H. Cu	9	
Croydon	1016.0	-3	SE	3	C	74	45	8	5750	St. Cu	6	H. Cu	8	1013.1	-3	E	3	O	70	55	8	4000	St. Cu	6	H. Cu	9	
Clacton-on-Sea	1016.6	-2	E	3	bc	72	55	8	4000	St. Cu	3	C. Cu	6	1014.1	-3	E	3	C	67	65	8	7250	St. Cu	4	-	7	
Shoeburyness	1016.4	-2	NE	4	C	71	55	8	7250	St. Cu	4	H. Cu	7	1013.9	-3	ENE	4	O/r	67	65	9	7250	St. Cu	6	H. Cu	10	
Grain	1016.9	-4	E	4	O/r	71	55	9	2500	St	9	H. Cu	10	1013.4	-1	NNE	4	O	65	75	8	4000	St. Cu	5	H. St	10	
Lymington	1016.9	-4	E	4	O/r	71	55	9	2500	St	9	H. Cu	10	1013.4	-1	NNE	4	O	65	75	8	4000	St. Cu	5	H. St	10	
Scilly (St. Mary's)	1012.8	-3	SE	1	C	71	85	8	4000	St. Cu	8	-	8	1010.4	-1	SE	1	C	67	85	8	4000	St. Cu	8	-	8	
Falmouth	1013.6	-2	SE	2	O/r	62	97	3	1500	Nb	10	-	10	1011.1	-5	SE	2	O/r	62	97	3	-	Nb	10	-	10	
Plymouth	1014.5	-3	SE	3	O/r	67	65	8	1500	St. Cu	10	-	10	1012.4	-3	SE	3	O/r	64	75	8	1500	Nb	7	H. St	9	
Portland Bill	1016.4	-2	SE	3	bc	67	85	8	-	-	-	-	-	1013.2	-4	E	3	bc	65	85	8	-	-	-	-	8	
Calshot	1015.5	-3	NE	3	O	69	75	8	5750	St. Cu	10	-	10	1012.7	-3	SE	3	O	68	75	8	4000	St. Cu	10	-	10	
Dungeness	1016.3	-2	E	3	O/r	68	75	8	4000	St. Cu	8	-	8	1013.3	-3	E	5	O/r	68	85	8	-	-	-	-	9	
Jersey	1015.4	-1	E	3	O	72	65	8	4000	St. Cu	10	-	10	1012.8	-2	SE	2	O	70	75	8	-	-	-	-	3	
LONDON OBSERVATIONS.														LONDON OBSERVATIONS.													
WEATHER.														WEATHER.													
TEMPERATURE.														TEMPERATURE.													
RAIN-FALL.														RAIN-FALL.													
SUNSHINE.														SUNSHINE.													
HUMIDITY.														HUMIDITY.													
ATMOSPHERIC POLLUTION.														ATMOSPHERIC POLLUTION.													
SOLAR RADIATION.														SOLAR RADIATION.													
POLE STAR RECORD at Greenwich Obs.														POLE STAR RECORD at Greenwich Obs.													
24 HOURS ENDED 0000 G.M.T. 28 <sup>th</sup>														24 HOURS ENDED 0000 G.M.T. 28 <sup>th</sup>													
Kew														Kew													
Croydon														Croydon													
Greenwich (Royal Obs.)														Greenwich (Royal Obs.)													
City (Basil Hall)														City (Basil Hall)													
Westminster (St. James' Pk.)														Westminster (St. James' Pk.)													
Regent's Pk. (Botanical Gans.)														Regent's Pk. (Botanical Gans.)													
Currier Sq. (Brit. Rainfall)														Currier Sq. (Brit. Rainfall)													
Kensington Palace														Kensington Palace													
Hampton Observatory														Hampton Observatory													
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.														TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.													
28 <sup>th</sup> and 29 <sup>th</sup> July, 1921.														28 <sup>th</sup> and 29 <sup>th</sup> July, 1921.													
STATIONS.														STATIONS.													
Yarmouth														Yarmouth													
Greenwich														Greenwich													
Wick														Wick													
Valencia														Valencia													



## SUMMARIES FOR THE PAST 24 HOURS

ISALLOBARS. Thursday, July 28<sup>th</sup>.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN.
	7h-13h.	13h-18h.	18h-27 <sup>th</sup> h.	1h-7h.	MAX. Day.	MIN. Night.	MIN. on GRASS.	Day.	Night.	Precipitation began.	
Lerwick	c	c	c	cp	54	46	0	Trace	Trace	11.0	0.7
Stornoway	0.0	c	c	Tord	58	50	0	0.1	1	-	0.7
Wick	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Castlebay	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Nairn	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Aberdeen	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Malin Head	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Renfrew	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Leith (Inchkeith)	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Esksdalemuir	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Tynemouth	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Blacksod Point	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Donaghadee	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Birr Castle	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Baldonnell	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Holyhead	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Liverpool (Bidston)	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Manchester (Alex.Pk.)	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Howden	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Spurn Head	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Nottingham	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Cranwell	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Gorleston	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Palham	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Felirstowe	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Valencia (Cahiriveen)	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Roches Point	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Pembroke (St. Ann's H.)	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Rose-on-Wye	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Benson	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
S. Farnborough	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
London (Kew Obs.)	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Croydon	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Olacton-on-Sea	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Shoeburyness	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Grain	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Lympne	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Scilly (St. Mary's)	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Falmouth	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Plymouth	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Portland Bill	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Calshot	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Dungeness	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7
Jersey	0.0	0.0	0.0	0.0	58	49	0	2	-	9.0	0.7



Temperature reported from Cross Channel and Coastal Steamers

Position Number	3	1	6	7
Date	27	27	28	28
Time (M.T.)	10.15	10.15	10.15	10.15
Sea °F	58	61	62	62
Air °F	60	63	63	63

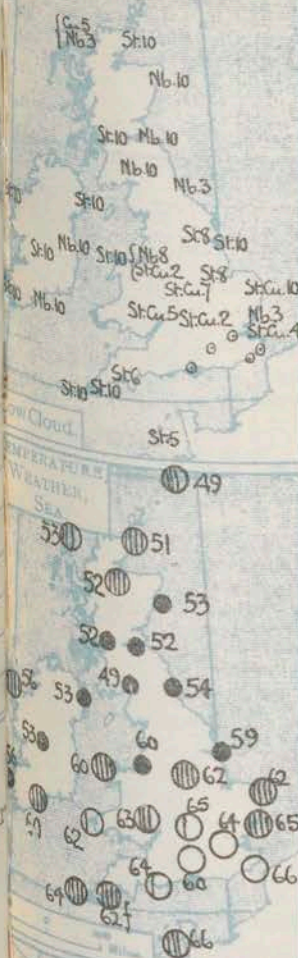
GENERAL INFERENCE.

A brisk fall of the barometer on the South-West coast of England indicates the approach of a depression that is likely to move or spread over England and cause rain in all districts, with thunder locally. Further rains will occur in Ireland and Scotland.

Districts.	Forecast for the 24 hours commencing 15h. GMT. Thursday 28th July, 1921.	Further Outlook.
1. S.E. England	Wind mainly Easterly, light to moderate or fresh; cloudy or overcast, some rain, thunder locally. Visibility fair. Cooler.	
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England	Wind E to N.E. moderate or fresh; dull, some rain, considerable falls in places, thunder locally; visibility mainly fair. Cooler.	
6. South Wales		
7. North Wales		
8. N.W. England		
9. N. Midlands	Wind mainly Easterly, light or moderate; dull generally, some rain, thunder locally. Rather cool.	
10. N.E. England		
11. E. Scotland		
12. S.W. Scotland		
13. Isle of Man	Wind variable, light; much cloud, some showers. Visibility fair. Cool.	
14. N. & N.W. Scotland		
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland	Wind between E. and N., moderate to fresh; dull, some rain, then fairer. Visibility fair. Cooler.	
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		

Much less fine than of late. Occasional rain appears probable in all districts, with a lower temperature.



$$\begin{cases} C_6 N_6 3 \\ N_6 5 \end{cases}$$


TIDE GAUGE		Rough		High	
DETAILED CODE FOR SURFACE VISIBILITY (pg. 1 & 4)					
None (fog)		Objects not visible at	50 metres or 55 yards.		
Reaper (fog)					
Very bad					
Bad					
Very Poor	"	200	"	230	"
Poor	"	500	"	550	"
Unfair	"	1,000	"	1,100	"
Unfair	"	2,000	"	2,200	"
Good	"	4,000	"	4,400	"
Very Good	"	7,000	"	7,700	"
	"	12,000	"	13,200	"
	"	20,000	"	22,000	"
(Objects visible at 20,000 or beyond.					



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

No. 209.

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR... *Wednesday, 27<sup>th</sup>*

1 See footnote page 1.



# AIR MINISTRY.

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

BRITISH SECTION.

No. B.21,799

Friday 29<sup>th</sup> July 1921.

Page 1.

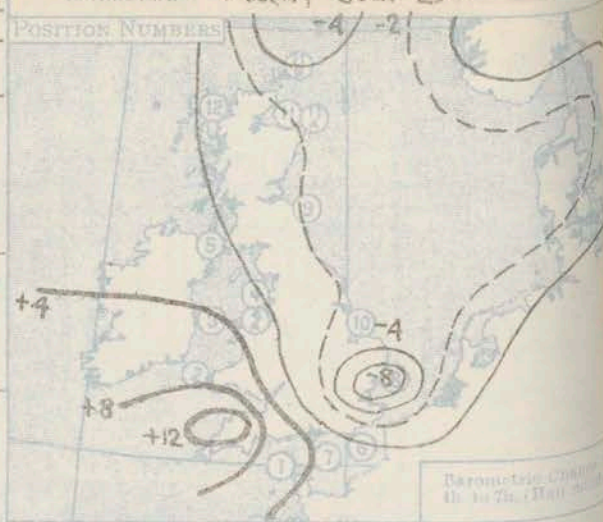
STATIONS.	Observations at 1500 G.M.T. 28 <sup>th</sup>														Observations at 1500 G.M.T. 29 <sup>th</sup>																								
	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity %.	Visibility 3 Miles.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity %.	Visibility 3 Miles.	Height of Low Cloud. Feet.	Cloud.			Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity %.	Visibility 3 Miles.	Height of Low Cloud. Feet.						
			Form.	Amt.						Upper Form.	Total Amt.	Form.			Amt.	Upper Form.						Total Amt.																	
Lerwick	1012.5	0	W	0-12	b.	58	85	8	-	-	Acu	+	1012.2	0	SW	2	c.	51	97	8	-	-	Sc	8	1011.9	0	SW	2	c.	51	97	8	-	-	Sc	8			
Burroway	1009.9	0	ENE	3	b.	57	75	7	1000	Cu	4	Acu	6	1009.7	+2	ENE	3	0	55	85	7	+50	Sc	10	1009.4	+2	ENE	3	0	55	85	7	+50	Sc	10				
Wick	1010.9	0	ENE	3	c.	55	85	8	1250	Sc	7	-	7	1009.7	-1	E	3	70	52	97	8	2500	Nb	10	1009.4	-1	E	3	70	52	97	8	2500	Nb	10				
Castledy																																							
Salm																																							
Aberdeen	1011.1	-2	E	2	o.d.	58	97	6	1500	Nb	10	-	10	1009.4	-1	ENE	3	77	53	97	6	1500	Nb	10	1009.1	-1	ENE	3	77	53	97	6	1500	Nb	10				
Malin Head	1006.0	-3	NNE	3	o.v.	55	85	8	5750	Nb	10	-	10	1004.2	-2	NE	3	0	55	92	8	5750	Sc	10	1004.2	-2	NE	3	0	55	92	8	5750	Sc	10				
Benbow	1006.7	-4	NE	4	77	52	92	5	800	Nb	10	-	10	1004.4	-3	NE	4	77	53	97	5	800	Nb	10	1004.4	-3	NE	4	77	53	97	5	800	Nb	10				
Lough (Inchkeith)	1006.3	-3	E	2	77	53	97	7	-	Nb	10	-	10	1001.7	-3	SE	4	o.v.	54	97	7	-	-	ASr	10	1001.7	-3	SE	4	o.v.	54	97	7	-	-	ASr	10		
Edinburgh	1006.1	-3	ENE	2	o.v.	54	85	7	1500	Sc	10	-	10	1003.9	-3	NE	2	0	56	85	7	1000	Sc	10	1003.9	-3	NE	2	0	56	85	7	1000	Sc	10				
Tynemouth	1007.2	-3	SE	2	o.v.	57	85	7	-	-	-	ASr	10	1004.8	-1	SE	3	70	57	85	7	5750	Nb	10	1004.8	-1	SE	3	70	57	85	7	5750	Nb	10				
Blackad Point	1004.0	-3	N	4	0	58	75	8	-	-	-	Cs	10	1004.7	0	N	5	0	57	85	8	1500	-	-	Cs	10	1004.7	0	N	5	0	57	85	8	1500	-	-	Cs	10
Donaghadee														1002.7	-3	NNE	3	0	55	97	8	2500	Sc	10	1002.7	-3	NNE	3	0	55	97	8	2500	Sc	10				
Birr Castle	1001.4		NE	1	o.v.	56	92	7	450	Sc	10	-	10	1000.3	-3	NNW	1	o.v.	55	85	6	450	Sc	10	1000.3	-3	NNW	1	o.v.	55	85	6	450	Sc	10				
Baldonnell	1001.3	-4	NE	3	o.d.	52	97	6	800	Sc	10	-	10	999.2	-3	NNE	2	70	58	92	5	450	Sc	10	999.2	-3	NNE	2	70	58	92	5	450	Sc	10				
Holyhead	1000.6	-4	N	3	c.	58	85	8	2500	Cu	6	Acu	7	995.4	-6	NE	5	66	85	8	4000	Sc	10	995.4	-6	NE	5	66	85	8	4000	Sc	10						
Liverpool (Bidston)	1007.1	-6	ESE	3	c.	73	55	6	1500	Sc	7	-	7	996.4	-4	ENE	3	67	75	4	1500	Cu	2	ASr	4	996.4	-4	ENE	3	67	75	4	1500	Cu	2	ASr	4		
Manchester (Alox. Ph.)	1002.5	-5	ESE	4	b.c.	74	55	8	2500	Sc	3	ASr	6	997.9	-5	ENE	5	67	66	75	7	4000	Sc	8	997.9	-5	ENE	5	67	66	75	7	4000	Sc	8				
Bowden	1004.9	-4	E	4	0	64	75	7	2500	Sc	8	ASr	10	1000.7	-5	NE	4	70	62	85	5	1500	Nb	9	1000.7	-5	NE	4	70	62	85	5	1500	Nb	9				
Spurn Head	1009.2	-1	E	3	0	68	85	7	450	Sc	10	-	10	1000.1	-3	E	3	0	62	92	7	800	Sc	9	1000.1	-3	E	3	0	62	92	7	800	Sc	9				
Widemouth	1002.7		E	3	c.	77	55	8	4000	Cu	4	Cs	7	997.8	-3	ENE	3	67	75	6	4000	Cu	4		4	997.8	-3	ENE	3	67	75	6	4000	Cu	4				
Greenwell	1003.9	-6	ESE	4	c.	76	58	8	4000	Cu	4	Cs	7	999.0	-3	E	4	c.	68	85	7	4000	Sc	5	999.0	-3	E	4	c.	68	85	7	4000	Sc	5				
Orleston	1007.3	-4	SSE	4	b.	66	97	8	-	-	0	-	0	1001.7	-8	SE	5	0	64	97	6	-	-	ASr	10	1001.7	-8	SE	5	0	64	97	6	-	-	ASr	10		
Palham	1004.3	-4	E	3	b.	76	75	8	-	-	-	Acu	1	999.3	-8	E	2	0	69	85	7	4000	Cu	10	999.3	-8	E	2	0	69	85	7	4000	Cu	10				
Pallstowe	1006.3	-4	ESE	3	0	69	75	7	1500	Sc	10	-	10	1000.5	-7	E	5	c.	66	85	6	2500	Sc	6	1000.5	-7	E	5	c.	66	85	6	2500	Sc	6				
Valencia (Cahirovee)	1000.3	0	NE	4	o.v.	57	85	8	1500	Sc	7	ASr	10	1001.7	+2	N	5	o.v.	56	85	8	1500	Sc	10	1001.7	+2	N	5	o.v.	56	85	8	1500	Sc	10				
Rothes Point	999.9	-3	NNE	3	o.v.	60	97	6	800	Nb	10	-	10	995.8	-3	NNW	5	o.v.	57	92	7	800	Nb	10	995.8	-3	NNW	5	o.v.	57	92	7	800	Nb	10				
Penryn (St. Ann's H.)	999.9	-3	SE	5	70	75	8	5750	Cu	0	-	6	992.4	-5	ESE	5	o.v.	63	92	8	4000	Nb	10	992.4	-5	ESE	5	o.v.	63	92	8	4000	Nb	10					
Ross-on-Wye	999.5	-3	ESE	3	c.	77	55	8	5750	Sc	3	ASr	8	993.0	-4	SSE	5	c.	72	65	8	4000	Cu	7	993.0	-4	SSE	5	c.	72	65	8	4000	Cu	7				
Demons	1000.6	-7	SE	4	c.	82	45	8	-	Cu	7	-	7	998.2	-1	SSW	6	b.	74	53	9	-	Cu	2	998.2	-1	SSW	6	b.	74	53	9	-	Cu	2				
S. Farnborough	1001.4	-6	ESE	4	c.	80	45	8	5750	Sc	8	-	8	999.1	+1	SSW	5	o.v.	74	55	8	2500	Sc	9	999.1	+1	SSW	5	o.v.	74	55	8	2500	Sc	9				
London (Kew Obs.)	1001.8	-7	ESE	3	c.	82	35	8	-	-	-	ASr	8	999.2	0	SSW	4	b.	79	45	8	4000	Cu	1	999.2	0	SSW	4	b.	79	45	8	4000	Cu	1				
Croydon	1003.1	-6	ESE	4	c.	81	45	9	5750	Sc	4	ASr	7	1000.1	0	SW	5	b.	75	55	8	5750	Cu	1	1000.1	0	SW	5	b.	75	55	8	5750	Cu	1				
Clacton-on-Sea														999.0	-6	ENE	5	c.	68	85	6	4000	Cu	4	999.0	-6	ENE	5	c.	68	85	6	4000	Cu	4				
Shoeburyness	1003.9	-4	SE	4	o.v.	74	65	6	4000	Cu	1	ASr	2	999.8	-6	ESE	3	b.	69	75	6	4000	Sc	1	999.8	-6	ESE	3	b.	69	75	6	4000	Sc	1				
Ormin	1003.8	-6	NE	5	b.c.	72	75	7	1250	Sc	6	-	6	999.8	+3	ENE	3	b.	70	75	8	4000	Sc	1	999.8	+3	ENE	3	b.	70	75	8	4000	Sc	1				
Lymington	1002.9	-7	E	3	b.	77	55	9	1250	Sc	1	ASr	2	1000.7	+2	S	5	b.	71	85	8	-	Sc	0	1000.7	+2	S	5	b.	71	85	8	-	Sc	0				
Billy (St. Mary's)	1001.9	-3	ESE	5	RR	62	97	4	1500	Sc	10	-	10	998.0	-2	SW	1	PR	66	97	8	4000	Sc	9	998.0	-2	SW	1	PR	66	97	8	4000	Sc	9				
Plymouth	998.6	-6	SE	5	70	69	92	5	-	Nb	10	-	10	990.2	-3	SSW	6	0	63	97	5	1500	Nb	10	990.2	-3	SSW	6	0	63	97	5	1500	Nb	10				
Hymouth	998.4	-5	ESE	3	0	68	75	8	2500	Sc	8	ASr	10	994.0	-5	S	7	d.d.	63	92	7	800	Nb	10	994.0	-5	S	7	d.d.	63	92	7	800	Nb	10				
Portland Bill	1001.7	-3	ENE	4	b.	65	85	8	-	-	-	ASr	4	998.0	-4	SW	5	b.c.	68	85	8	1500	Sc	6	998.0	-4	SW	5	b.c.	68	85	8	1500	Sc	6				
Calshot	999.6	-3	ESE	6	o.v.	72	75	8	4000	Sc	3	-	3	999.3	0	S	5	o.v.	71	65	8	2500	Sc	9	999.3	0	S	5	o.v.	71	65	8	2500	Sc	9				
Dunagness	1003.5	-5	E	3	b.	72	75	8	-	-	-	ASr	2	1000.9	-1	SW	4	b.	70	85	8	-	-	0	1000.9	-1	SW	4	b.	70	85	8	-	-	0				
Jersey	1001.5	0	S	4	c.	75	55	8	2500	Sc	8	-																											



## SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN.
	7h-13h.	13h-18h.	18h-23h.	1h-7h.	MAX. Day.	MIN. Night.	MIN. on GRASS.	Day.	Night.	Precipitation began.	
Lerwick ...	b.c	cc	c	c	57	47	.	.	.	.	.
Stornoway ...	c	c	c	Tord	58	50	.	.	.	.	5.7
Wick ...	cc	cc	cc	ToTo	54	50	.	2	7	1430	.
Castlebay ...	cdg	dgco	PT cgy		57	49	.	6	9	-	0.2
Nairn ...	r.c	ord	Tord		54	51	50	7	2	-630	0.0
Aberdeen ...											
Malin Head ...	cc	cc	cc	cc	57	53	.	5	9	0900	1.2
Renfrew ...	cc	cc	cc	cc	55	55	50	10	9	0900	0.0
Leith (Inchkeith) ...	cc	cc	cc	cc	54	50	49	6	10	11-00 2200	.
Edinburgh ...	cc	cc	cc	cc	56	50	49	9	9	-	0.0
Tynemouth ...	cc	cc	cc	cc	58	55	.	3	6	1730	.
Blackhead Point ...	cc	cc	cc	cc	59	53	.	.	.	.	.
Donaghadee ...	cc	cc	cc	cc	55	53	.	15	19	2400	.
Birr Castle ...	cc	cc	cc	cc	58	52	50	24	10	1430	0.0
Baldonnell ...	cc	cc	cc	cc	63	52	54	12	29	-	0.0
Holyhead ...	cc	cc	cc	cc	72	56	56	.	47	-	5.3
Liverpool (Bidston) ...	c	c	c	c	75	60	53	1	11	-	5.0
Manchester (Alex. Pk.) ...	c	c	c	c							
Howden ...	cc	p	cc	cc	68	59	54	0.2	2	1730 130	1.0
Spurn Head ...	cc	cc	cc	cc	64	57	.	Trace	0.3	-	.
Nottingham ...	c	c	cc	cc	80	60	58	0.2	0.3	1530 2200	7.7
Grimsby ...	c	c	cc	cc	76	58	57	.	0.1	2400	6.2
Gorleston ...	b.c	b.c	b.c	b.c	67	60	58	.	0.3	-4.30	7.0
Fulham ...	b.c	c	b.c	cc	71	57	57	.	1	-4.30	8.1
Felixstowe ...	cc	om	cc	cc	70	62	58	.	4	230	8.2
Valencia (Cahirovein) ...	cc	cc	c	p.c	58	55	50	11	0.1	-2400	0.0
Roches Point ...	cc	cc	cc	cc	64	54	.	26	1	-	.
Pembroke (St. Ann's H.) ...	cc	cc	cc	cc	72	55	.	4	19	1430	5.6
Ross-on-Wye ...	b.c	b.c	b.c	b.c	80	59	58	.	0.5	-	6.0
Benson ...	cc	cc	cc	cc	83	58	54	Trace	1	1430 2200	.
S. Farnborough ...	b.c	c	cc	cc	82	58	57	.	2	2200	8.9
London (Kew) ...	b.c	b.c	b.c	b.c	85	59	57	.	0.4	-530	9.6
Croydon ...	b.c	b.c	b.c	b.c	84	58	56	.	3	-330	.
Clacton-on-Sea ...	cc	cc	cc	cc	71	58	59	.	2	-330	4.0
Shoeburyness ...	b.c	b.c	b.c	b.c	75	58	57	.	5	-530	8.2
Grain ...	cc	cc	cc	cc	73	61	50	.	6	-230	9.7
Lymington ...	b.c	b.c	b.c	b.c	82	57	56	.	3	-330	12.0
Scilly (St. Mary's) ...	p	p	cc	cc	67	57	56	2	6	1100	2.4
Falmouth ...	cc	cc	cc	cc	66	57	56	5	17	1330	0.7
Plymouth ...	cc	cc	cc	cc	72	58	56	4	8	1330	2.1
Portland Bill ...	b.c	b.c	b.c	b.c	67	59	.	0.3	0.3	1630 430	.
Calshot ...	c	c	c	c	74	61	60	0.2	0.2	-	8.7
Dungeness ...	b.c	c	b.c	b.c	74	60	.	.	2	430	.
Jersey ...	c.b.c	c	c	c	76	60	.	.	7	-230	5.7

ISALLOBAR. FRIDAY, JULY 29TH.



Position Number	6	7	3	1	6
Date	28 <sup>th</sup>	28 <sup>th</sup>	28 <sup>th</sup>	28 <sup>th</sup>	29 <sup>th</sup>
Time	0000	0300	0600	0900	1200
Temp.	62	62	59	61	62
Wind	58	63	60	63	64

## GENERAL INFERENCE.

As the depression over England moves away North-Eastward the weather will become fairer again generally and much cooler than of late, but local showers may be experienced.

It appears probable that further depression will arrive from the Atlantic and maintain the unsettled weather.

## Districts. Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 29th July, 1921.

## Further Outlook.

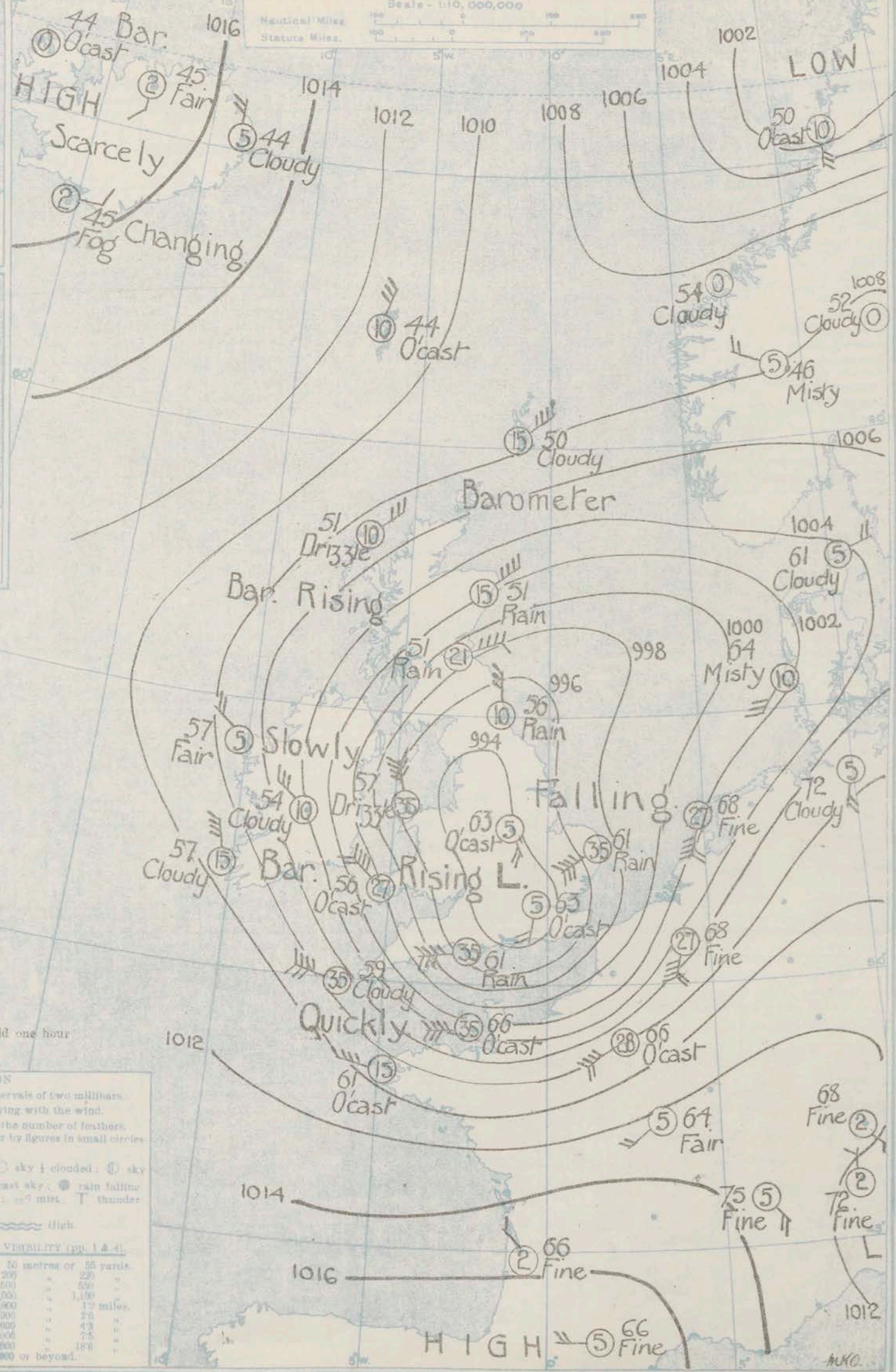
1. S.E. England	
2. E. England	
3. E. Midlands	Wind between N.W. and W, strong or fresh, then moderating; sky becoming variable, some local showers; visibility fair to good; much cooler than of late.
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	Wind mainly North-Westerly, fresh to moderate; variable sky, some showers; visibility good; cool.
8. N.W. England	
9. N. Midlands	
10. N.E. England	Wind North or North-East, fresh to moderate; much cloud, some rain. Visibility indifferent to fair. Cool.
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	Same as 6 - 8.
14. N. & N.W. Scotland	
15. Hebrides	Same as 9 - 12.
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	Wind North-West to West or South-West; moderate or light; variable sky, local showers; visibility fair; cool.
19. S.E. Ireland	
20. S.W. Ireland	



# SYNOPTIC CHART FOR MORNING OF FRIDAY, 29<sup>th</sup> JULY, 1921.

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.  
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.

**SYMBOLS:** ○ clear sky ○ sky + clouded ○ sky + rain falling  
○ sky + clouded; ○ overcast sky ○ rain falling  
△ hail = fog = mist T thunder

**WIND VELOCITY:** Rough, High

**CODE FOR SURFACE VISIBILITY (pp. 1 & 4)**

Objects not visible at	50 metres or 55 yards	200 "	250 "	500 "	1,000 "	1,500 "	2,000 "	2,500 "	3,000 "	4,000 "	5,000 "	7,000 "	10,000 "	15,000 "	20,000 "	25,000 "	30,000 "	40,000 "	50,000 "	60,000 "	70,000 "	80,000 "	90,000 "	100,000 "
Objects visible at	50 metres or 55 yards	200 "	250 "	500 "	1,000 "	1,500 "	2,000 "	2,500 "	3,000 "	4,000 "	5,000 "	7,000 "	10,000 "	15,000 "	20,000 "	25,000 "	30,000 "	40,000 "	50,000 "	60,000 "	70,000 "	80,000 "	90,000 "	100,000 "

Objects visible at 30,000 or beyond.

England the cooler showers  
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MNO.



# AIR MINISTRY.

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

Page 4.

BRITISH SECTION. Friday 29<sup>th</sup> July 1921.

No. 210

STATIONS.	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. °F.	Humidity %	Visibility 0-9	Height of Low Cloud Feet	Cloud.			Secs.	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity %	Visibility 0-9	Height of Low Cloud Feet	Cloud.				
			Direc.	Force						Form.	Amt.	Total Amt.				Direc.	Force						Form.	Amt.	Total Amt.		
																										0-10	0-10
Lerwick ...	1010.7	0	-	0	bc	48	97	6	-	-	-	ac	5	1008.3	-5	NE	4	C	50	85	8	7250	Strcu	3	as	8	
Sornoway ...	1008.5	-3	E	4	o	*	*	5	4	*	*	*	*	1006.9	0	NE	3	o	51	92	7	450	St	10	-	10	
Wick ...	1007.4	-2	NE	5	o	52	97	7	800	St	10	-	10	1005.0	-2	NE	4	o	51	92	8	2500	St	10	-	10	
Castlebay ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn ...	*	*	*	*	*	*	*	*	*	*	*	*	*	1004.2	*	ENE	3	Tgo	50	*	*	*	*	*	*	*	
Aberdeen ...	*	*	*	*	*	*	*	*	*	*	*	*	*	1003.2	-1	NE	4	o	51	97	7	1500	St	10	-	10	
Malin Head ...	1001.8	-1	NNE	3	o	54	97	6	450	St	10	-	10	1002.9	+2	NNE	2	C	55	92	8	4000	Cu	5	A.cu	8	
Renfrew ...	1001.1	-2	NE	4	o	54	85	6	800	St	10	-	10	1001.2	+1	-	0	o	51	92	7	1500	St	10	-	10	
Leith (Inchkeith) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	999.1	+1	ENE	5	o	51	92	8	*	St	10	-	10	
Eskdalemuir ...	999.4	-4	NE	4	o	52	97	6	1500	St	10	-	10	997.9	-1	NE	5	o	50	97	6	1500	St	10	-	10	
Tynemouth ...	999.0	-4	E	3	o	56	97	7	5750	St	10	-	10	995.0	-2	N	3	o	56	92	1	5750	St	10	-	10	
Blackod Point ...	1005.0	+1	NW	4	b	56	75	7	4000	Cu	3	-	3	1007.1	+4	NW	2	bc	57	75	8	7250	Cu	6	-	6	
Donsghadee ...	*	*	*	*	*	*	*	*	*	*	*	*	*	1000.4	+3	NNE	4	o	53	97	8	2500	St	10	-	10	
Bier Castle ...	*	*	*	*	*	*	*	*	*	*	*	*	*	1004.8	*	NW	3	C	54	85	7	4000	Cu	8	-	10	
Baldonnell ...	997.5	+1	NNE	3	o	53	97	4	225	St	10	-	10	1000.6	+3	NNE	4	o	54	85	7	800	Stcu	10	-	10	
Holyhead ...	992.7	-1	E	2	o	*	*	8	450	St	10	-	10	995.6	-4	NW	7	o	57	97	7	800	St	10	-	10	
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	993.5	+1	SE	1	b	61	85	8	1500	St	3	-	3	
Manchester (Alex.Pk.) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	994.2	0	SW	1	o	62	85	9	2500	Stcu	10	-	10	
Howden ...	995.5	-4	E	2	o	60	97	6	1500	St	9	-	9	994.0	+1	SSE	2	o	62	85	7	2500	Stcu	9	-	9	
Spurn Head ...	996.7	-3	SE	4	c	61	92	6	800	Cu	8	-	8	994.4	-2	S	5	C	64	85	7	800	St	8	-	8	
Nottingham ...	*	*	*	*	*	*	*	*	*	*	*	*	*	994.0	0	SSE	2	o	63	85	6	2500	Stcu	7	as	10	
Granwell ...	996.6	-4	SW	4	o	65	85	8	1500	Stcu	10	-	10	994.5	-2	S	4	bc	62	85	8	800	Stcu	3	as	10	
Gorleston ...	1000.2	0	SW	4	b	66	97	8	-	-	-	-	-	997.4	-3	SW	7	o	61	97	5	2500	St	10	-	10	
Pulham ...	999.0	-1	S'W	4	b	65	85	8	4000	St	1	-	1	995.5	-4	SSE	4	o	59	97	6	1500	St	10	-	10	
Felixstowe ...	*	*	*	*	*	*	*	*	*	*	*	*	*	995.4	-9	S'W	7	o	62	97	4	800	St	10	-	10	
Valencia (Cahiroveen) ...	1006.9	+2	?	5	C	56	*	4	-	Stcu	7	-	7	1009.9	+4	NW	4	C	57	75	9	2500	Stcu	8	-	8	
Roche Point ...	*	*	*	*	*	*	*	*	*	*	*	*	*	1006.4	+7	NW	4	b	56	85	8	-	-	-	-	10	
Pembroke (St. Ann's H.) ...	990.4	-1	ESE	4	o	61	97	5	1500	St	10	-	10	1000.0	+8	NW	6	o	56	85	8	5750	St	10	-	10	
Ross-on-Wye ...	*	*	*	*	*	*	*	*	*	*	*	*	*	994.2	+2	W	1	o	62	92	8	2500	St	10	-	10	
Benson ...	*	*	*	*	*	*	*	*	*	*	*	*	*	992.8	-1	E	1	o	61	92	7	-	St	10	-	10	
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	992.4	-4	WSW	2	o	61	97	8	800	St	10	-	10	
London (New Obsy.) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	992.5	-5	SSW	2	o	63	92	5	2500	St	8	as	10	
Croydon ...	999.0	-3	S'W	6	C	64	75	9	2500	Stcu	8	-	8	993.1	-4	S	5	o	61	97	7	800	St	10	-	10	
Clanton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	994.2	-8	S	7	o	62	97	4	800	St	10	-	10	
Shoeburyness ...	*	*	*	*	*	*	*	*	*	*	*	*	*	993.6	-8	SW	8	o	62	92	6	1500	Stcu	10	-	10	
Grain ...	*	*	*	*	*	*	*	*	*	*	*	*	*	994.5	-12	S'W	7	o	62	92	6	1500	St	10	-	10	
Lympe ...	1001.1	0	S'W	6	bc	63	92	8	4000	Stcu	5	-	5	996.0	-1	SSE	7	o	59	97	6	800	St	10	-	10	
Scilly (St. Mary's) ...	996.5	+9	NW	8	o	58	97	8	1500	St	10	-	10	1006.4	+11	NW	7	C	59	85	8	1500	St	8	-	8	
Falmouth ...	*	*	*	*	*	*	*	*	*	*	*	*	*	1003.5	+11	NW	7	o	57	85	7	1500	Stcu	10	-	10	
Plymouth ...	?	-4	SE	4	o	61	97	6	450	St	10	-	10	1001.4	+4	NW	7	o	59	85	7	800	St	10	-	10	
Portland Bill ...	994.0	+3	S	7	o	61	85	6	800	Stcu	10	-	10	994.3	0	W'S	7	o	61	85	7	2150	St	10	-	10	
Calshot ...	996.8	-3	S	6	o	64	75	8	1500	St	10	-	10	993.2	+5	W	3	o	62	97	7	800	St	10	-	10	
Dungeness ...	1000.9	0	SW	5	bc	65	85	9	800	St	5	-	5	995.7	-2	SW	9	o	62	97	5	450	St	8	-	8	
Jersey 7h ...	993.6	-4	E	3	o	56	97	7	5750	St	10	-	10	1003.1	+4	W	7	o	61	85	8	4000	Stcu	10	-	10	
Guernsey 1h ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

### WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Thursday 28<sup>th</sup>

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. Day of.	Min. Night of.	Night 12h-2h.	Day 2h-12h.	Sunrise to 17h.	Sunset to Sunset.		Forenoon.	Afternoon.	Max. Day of.	Min. Night of.	Night 12h-2h.	Day 2h-12h.	Sunrise to 17h.	Sunset to Sunset.
				mm.	mm.	hr.	hr.							mm.	mm.	hr.	hr.
Banff ... ..	ad	Tr	57	50	0.1	6	0.0	7.2	Paignton ... ..	oc.	c.b.og	71	57	-	-	1.6	0.0
Montrose ... ..	or	or	54	50	4	9	0.0	0.0	Hilfcombe ... ..	c.b.c	o	76	61	-	0.1	6.0	0.0
Llandudno ... ..	bc	c	76	56	2	0.1	4.3	2.7	Bude ... ..	o	d	74	63	1	0.1	0.0	0.0
Colwyn Bay ... ..	b	b	75	56	-	-	6.2	0.0	Penzance ... ..	o.c.	ad.r	66	61	3	4	1.1	0.0
Rhyl ... ..	c.b.	bc.cbe	76	56	0.4	-	3.0	3.9	Torquay ... ..	o.c.	pr.r	69	60	-	2	2.0	1.4
Southport ... ..	oc.b.c	c.o.c	74	56	1	0.3	4.8	6.5	Weymouth ... ..	c	co	73	59	-	-	5.3	0.7
Blackpool ... ..	oc	o.y.	72	56	0.4	1	4.0	4.6	Bournemouth ... ..	b	bc	75	54	-	-	7.0	3.8
Harrogate ... ..	o	o	62	55	0.3	-	0.0	5.1	Portsmouth (S'theca)	b	c	77	60	-	-	8.9	4.1
Skagness ... ..	o.b	b.o.c	67	61	0.3	-	5.3	5.0	Worthing ... ..	b	b	78	56	-	-	8.6	3.0
Aberystwyth ... ..	r.c	c.co	79	59	1	-	7.0	1.5	Brighton ... ..	b.o	c.b	82	58	-	-	8.4	4.0
Bath ... ..	m.c.b.c	c.p.b.c	78	58	-	-	5.2	0.0	Eastbourne ... ..	b.b.c	bc.b	74	58	-	-	9.8	3.5
Leamington Spa ... ..	c	c.b.o	81	59	-	-	7.9	0.0	Hastings ... ..	b	bc.b	80	60	-	-	10.0	5.3
Lowestoft ... ..	c.b.	c.o	68	60	0.2	-	7.5	5.2	Folkestone ... ..	c.b.c	bc.c.b	78	60	-	Trace	10.5	2.1
Felixstowe ... ..	o	om	70	63	-	-	7.7	5.7	Tunbridge Wells ... ..	b	bc	83	54	-	-	8.4	2.8
Southend ... ..	b	b.b.c	79	63	-	-	8.3	6.0	Ramsgate ... ..	bc	bc	79	57	-	-	8.5	1.5
									Margate ... ..	bc.b	b.b.c	74	62	-	-	7.6	4.0
									Deal ... ..	zb	b	75	62	-	-	9.5	-

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. B21,800

SATURDAY, 30<sup>th</sup> JULY 1921.

Page 1.

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LONDON OBSERVATIONS.		WEATHER.			TEMPERATURE.			RAIN-FALL. mm.	SUN-SHINE to Sunset. hrs.	HUMIDITY.		ATMOSPHERIC POLLUTION. Lbs. of Solid impurity per million cubic yards.	SOLAR RADIATION. Vertical component per square centimetre.	POLE STAR RECORD at Greenwich Obsy.				
		Morn- ing.	After- noon.	Night.	Max. °F.	Min. °F.	Min. on G.M.T. °F.			15h. G.M.T. %	9h. G.M.T. %			Exposure from				
		24 HOURS ENDED 0900 G.M.T.							YESTERDAY.	TO-DAY.		24 Hrs. ended 1600 G.M.T.	During yesterday.	29 <sup>th</sup> 21 <sup>st</sup> 15 <sup>th</sup> 29 <sup>th</sup> 21 <sup>st</sup> 15 <sup>th</sup>				
Kew		0100-0400	00	0-0-0-0			43	0.9				South Kensington	South Kensington.	to 30 <sup>th</sup> 2 <sup>nd</sup> 14 <sup>th</sup> 30 <sup>th</sup> 2 <sup>nd</sup> 14 <sup>th</sup>				
Croydon		0100-0400	00	0-0-0-0			47	0.5	Trace			Max. 02	Time 16h. 28 <sup>th</sup>	Min. 0.4	Time 17h. 28 <sup>th</sup>	Stars.	Exposure.	Record.
Greenwich (Royal Obsy.)		0100-0400	00	0-0-0-0	78	51	37	-	1.1	71	55	Max. 02	Time 16h. 28 <sup>th</sup>	Min. 0.4	Time 17h. 28 <sup>th</sup>			
City (Bunhill Row)		0100-0400	00	0-0-0-0					1.1									
Westminster (St. James' Pl.)		0100-0400	00	0-0-0-0	73	53	46	0.6	0.8	73	63							
Regent's Pl. (Botanical Gdns.)		0100-0400	00	0-0-0-0					0.9									
Camden Sq. (Brit. Rainfall)		0100-0400	00	0-0-0-0														
Kensington Palace		0100-0400	00	0-0-0-0						80	64							
Hampton Observatory		0100-0400	00	0-0-0-0	74	52	46	0.7		68 (15h.)	60							
		0100-0400	00	0-0-0-0	70	52	44	2	0.9		67							
		0100-0400	00	0-0-0-0														
		0100-0400	00	0-0-0-0														
		0100-0400	00	0-0-0-0														
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		0100-0400	00	0-0-0-0														
		0100-0400	00	0-0-0-0														
		0100-0400	00	0-0-0-0														
		0100-0400	00	0-0-0-0														
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		0100-0400	00	0-0-0-0														
		0100-0400	00	0-0-0-0														

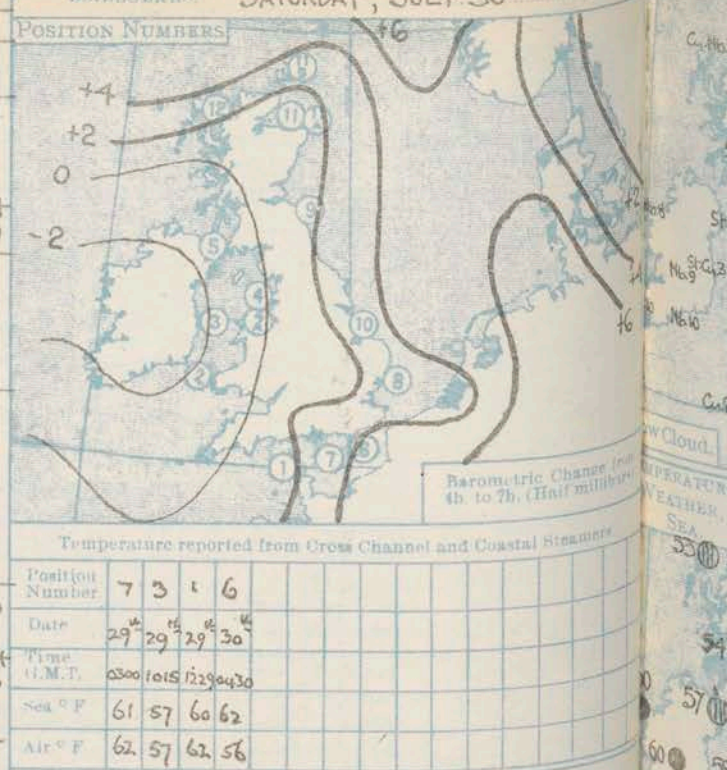


## SUMMARIES FOR THE PAST 24 HOURS.

ISALLOBARS.

SATURDAY, JULY 30<sup>th</sup>.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN. Hours.
	7h.-13h.	13h.-18h.	18h. to 29 <sup>th</sup> 20 <sup>th</sup>	1h.-7h.	MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	
Lerwick	c	op	oo	c	50	45	.	Trace	-	1330	3.7
Stornoway	oo	op	c	c	56	48	.	-	-	-	-
Wick	oo	op	oo	bc	53	46	.	3	-	-	-
Castlebay	deg	bc	cb	bc	59	54	.	1	-	-	11.5
Nairn	deg	cg	cgw	cgw	55	41	.	2	-	-	0.4
Aberdeen	deg	op	o.c.b.m.w.	o.c.b.m.w.	55	42	33	3	-	1630	1.9
Malin Head	deg	deg	deg	deg	58	49	.	5	2	8	9.1
Renfrew	oo	oo	o.c.um.im	im	61	45	33	1	-	-	0.6
Leith	oo	oo	o.c.b.c	bc	54	48	44	1	-	-	-
Eskdalemuir	oo	oo	o.c.b.c	bc	55	40	36	4	-	-	0.1
Tynemouth	im	im	c.m	m	56	47	.	2	-	-	.
Blacksd Point	bc	bc	p	bc	64	55	.	13	2400	-	.
Donaghadee	oo	bc	bc	c	60	51	.	-	-	-	?
Birr Castle	o	c	cd	T	67	53	48	1	-	-	3.0
Baldonnell	oo	oc	c	oo	64	50	48	Trace	-	-	1.0
Holyhead	id	abc	o.c.b.c	bc	60	54	52	Trace	-	-	1.2
Liverpool (Bidston)	c	oo	bc	bc	66	52	46	.	-	-	.
Manchester (Alex.Pk.)	opr	opr	o.c.b.c	op	70	49	41	0.2	Trace	1100	.
Howden	p	oo	oo	oo	68	51	44	.	-	-	1.6
Spurn Head	bc	oo	oo	oo	72	54	.	.	-	-	.
Nottingham	oo	R	c	c	73	50	46	12	-	1230	2.4
Cranwell	c	p	oo	bc	75	47	41	0.4	-	1230	5.3
Gorleston	oc	p	o.c.b.c	bc	76	61	51	6	Trace	-	4.1
Fulham	oo	p	oo	oo	77	51	46	2	-	1630	4.2
Felixstowe	c	oo	oo	c	78	57	53	4	-	1100	2.8
Valencia (Cahirciveen)	bc	bc	oo	oo	63	57	56	13	-	-	5.6
Roches Point	c	bc	oo	oo	66	58	.	0.3	0630	-	.
Pembroke (St. Ann's H.)	oo	bc	bc	c	62	58	.	-	-	-	?
Ross-on-Wye	op	bc	bc	bc	68	45	38	-	-	-	1.5
Benson	p	bc	bc	bc	69	44	36	0.5	-	1230	.
S. Farnborough	deg	bc	bc	bc	69	46	40	0.4	-	-	0.7
London (Kew Obs.)	deg	oo	oo	bc	70	52	43	Trace	-	1100	0.9
Croydon	deg	oo	oo	bc	69	56	47	0.5	Trace	-	.
Glaughton-on-Sea	deg	bc	bc	bc	74	55	51	5	0.1	1100 2200	2.2
Shoeburyness	deg	oo	bc	bc	74	54	42	0.3	-	1100	1.0
Grain	p	bc	bc	bc	72	51	34	0.2	Trace	-	1.1
Lymington	deg	bc	bc	bc	64	53	40	1	-	-	0.1
Scilly (St. Mary's)	bc	bc	bc	bc	67	59	.	-	-	-	10.1
Falmouth	deg	bc	bc	bc	67	52	48	-	-	-	9.6
Plymouth	oo	c	bc	bc	65	50	46	9	-	9	4.8
Portland Bill	c	bc	bc	bc	67	59	.	0.3	-	-	.
Calshot	deg	bc	bc	bc	65	53	47	0.2	-	-	1.1
Dungeness	g	c	oo	bc	64	53	.	1	-	-	.
Jersey	d	ab	bc	bc	65	50	.	-	-	-	3.8



## GENERAL INFERENCE.

A depression centred off West of Ireland will probably move North-Eastward and cause some rain or passing showers in most parts of the Kingdom some time during the ensuing 24 hours. Temperature will be moderate or rather low.

## Districts.

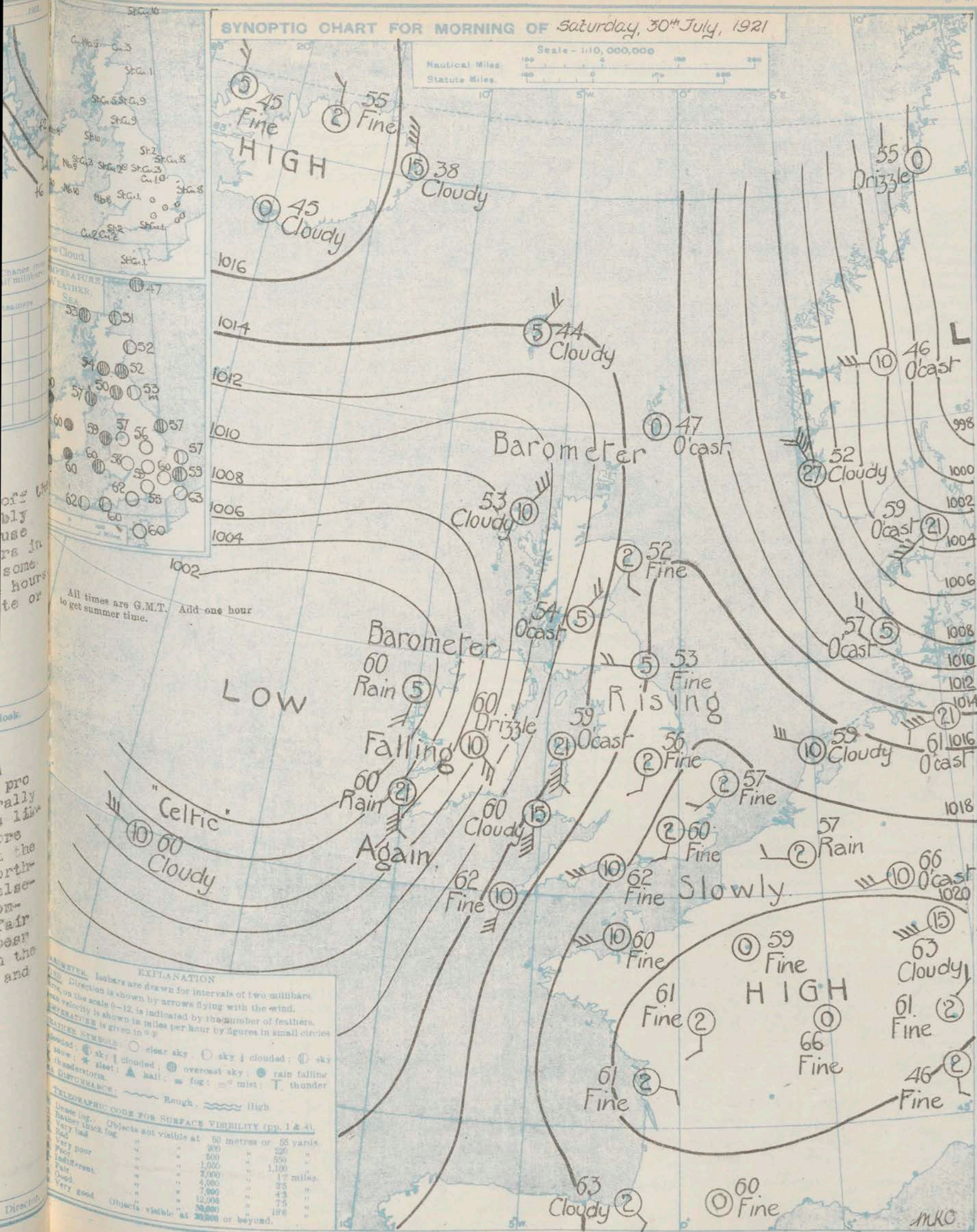
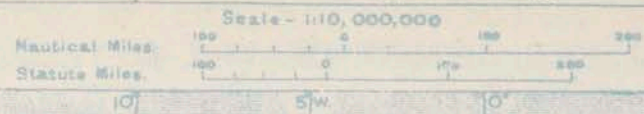
Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 30th July, 1921.

## Further Outlook.

1. S.E. England	Wind South and South-West, light or moderate; fair to-day, cloudy or overcast on Sunday and probably showery. Visibility fair or good. Moderate temperature.	Unsettled weather is probable generally but rain is likely to be more frequent in the West and North-West than elsewhere. Considerable fair periods appear probable in the South-East and South.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England	Wind South to South-West or West, moderate or fresh, strong locally; much cloud, some rain; visibility mainly fair. Moderate temperature.	
6. South Wales		
7. North Wales		
8. N.W. England		
9. N. Midlands	Wind S and SW, light to moderate; becoming overcast, some rain. Visibility fair. Temperature moderate or rather low.	
10. N.E. England		
11. E. Scotland		
12. S.W. Scotland		
13. Isle of Man	Same as 5 - 8.	
14. N. & N.W. Scotland		
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland	Wind South to South-West or West, moderate to strong; much cloud, rain at times, then fairer. Visibility indifferent to fair or good. Moderate temperature.	
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		



# SYNOPTIC CHART FOR MORNING OF Saturday, 30<sup>th</sup> July, 1921



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

## EXPLANATION

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

**WEATHER SYMBOLS**

- clear sky
- sky | cloudy
- sky | overcast
- rain falling
- snow
- sleet
- hail
- fog
- mist
- thunder

**WIND SYMBOLS**

- Rough
- High

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (pp. 1 & 4)			
Very bad	Objects not visible at 60 metres or 65 yards	0	0
Bad	"	1	1
Very poor	"	2	2
Poor	"	3	3
Indifferent	"	4	4
Fair	"	5	5
Good	"	6	6
Very good	"	7	7
Excellent	"	8	8
Perfect	"	9	9
Objects visible at 20,000 or beyond	"	10	10

MKC



1 See footnote page





## AIR MINISTRY.

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

BRITISH SECTION.

No. B. 21801

SUNDAY, 31<sup>ST</sup> JULY 1921.

Page 1.

BRITISH ISLANDS. 1921. Page 1.																										
Observations at 1800 G.M.T. 30"																										
STATIONS.	Barom. at M.S.L. m.h.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.			Barom. at M.S.L. m.h.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud.			Barom. at M.S.L. m.h.	Change in 3 hours.
			Direc.	Force						Form.	Amt.	Form.			Amt.	Form.						Amt.				
																							0-10	10-30		
Lerwick	1012.7	+1	SSW	2	bc	50	75	8		Sr Cu	4	6	1012.7	-3	SSE	4	bc	50	85	8		Sr Cu	4	6	1012.7	-3
Sornoway	1005.1	-2	SSW	4	bc	53	91	7	450	Sr	10	10	1005.1	-4	S	3	bc	56	97	7	1500	Sr	10	10	1005.1	-4
Wick	1010.6	-3	SE	5	bc	53	85	8	4500	Sr Cu	6	10	1010.6	-5	S	6	bc	53	97	8	800	Sr	10	10	1010.6	-5
Castellbay	1003.7	-3	SE	5	bc	57	92	7	450	Nb	10	10	1003.7	-1	SSW	4	bc	58	92	6	1500	Sr	10	10	1003.7	-1
Nairn	1012.9	-3	SE	3	bc	55	85	7	1500	Sr	8	10	1012.9	-5	SSW	6	bc	55	91	6	1500	Nb	10	10	1012.9	-5
Aberdeen	1012.9	-3	SE	3	bc	55	85	7	1500	Sr	8	10	1012.9	-5	SSW	6	bc	55	91	6	1500	Nb	10	10	1012.9	-5
Main Head	1006.0	0	SSW	3	C	64	92	8	5750	Sr Cu	8	8	1006.0	-2	SSW	3	bc	65	97	8	4000	Cu Nb	9	9	1006.0	-2
Renfrew	1009.0	-4	SE	3	bc	57	91	6	1500	Sr Cu	10	10	1009.0	-5	SSW	5	bc	59	95	8	800	Nb	10	10	1009.0	-5
Leith (Inchkeith)	1011.3	-3	SE	3	bc	57	91	8	1500	Sr Cu	10	10	1011.3	-2	SSW	3	bc	59	95	8	1500	Nb	10	10	1011.3	-2
Bakdalemuir	1012.0	-3	S	3	bc	57	91	8	1500	Sr Cu	10	10	1012.0	-4	S	3	bc	59	95	8	1500	Nb	10	10	1012.0	-4
Tynemouth	1012.0	-4	SSW	3	bc	59	85	7					1012.0	-5	S	2	bc	60	85	7	5750	Sr Cu	10	10	1012.0	-5
Blackod Point	1002.1	-3	SW	2	bc	63	85	7	2500	Cu	3	3	1002.1	-4	SW	6	bc	64	85	7	2500	Cu	6	6	1002.1	-4
Donaghadee	1009.0	-1	SSW	4	bc	58	91	8	1500	Sr	10	10	1009.0	-3	SW	4	bc	60	92	8			0	10	1009.0	-3
Birr Castle	1004.2	-4	SW	2	bc	61	91	7	800	Sr	10	10	1004.2	-4	SW	2	bc	61	91	7	1500	Sr	10	10	1004.2	-4
Baldonnell	1007.2	-4	SE	6	bc	62	85	7	1500	Sr	10	10	1007.2	-4	SE	4	bc	62	85	7	1500	Sr	10	10	1007.2	-4
Holyhead	1011.0	-1	SE	6	bc	63	92	8	4000	Sr Cu	10	10	1011.0	-2	S	6	bc	63	91	6	800	Sr	10	10	1011.0	-2
Liverpool (Bidston)	1012.0	-1	S	3	bc	63	85	7	800	Nb	10	10	1012.0	-2	S	3	bc	63	85	7	800	Nb	10	10	1012.0	-2
Manchester (Alex. Pk.)	1014.2	-2	SSW	5	bc	63	85	6	1500	Sr Cu	9	9	1014.2	-2	SSW	4	bc	63	85	8	1500	Sr Cu	10	10	1014.2	-2
Howden	1045.0	-3	SSE	4	C	72	85	7	2500	Cu	6	10	1045.0	-3	SW	4	bc	71	85	7	5750	Sr Cu	6	10	1045.0	-3
Spurn Head	1015.0	-2	SE	6	C	65	75	8	1500	Cu	8	8	1015.0	-2	SW	5	bc	71	92	8	800	Sr Cu	3	10	1015.0	-2
Nottingham	1015.0	-2	SSW	3	bc	72	55	6	4000	Cu	1	10	1015.0	-2	WSW	3	bc	70	55	6	4000	Sr Cu	1	10	1015.0	-2
Cranwell	1016.2	-2	S	5	C	72	45	9	2500	Cu	5	10	1016.2	-2	SSW	5	bc	72	55	9	4000	Sr	2	10	1016.2	-2
Gorleston	1015.6	0	SW	0	bc	65	91	8	4000	Cu Nb	5	5	1015.6	-2	SW	5	bc	67	91	8			0	10	1015.6	-2
Pulham	1017.0	-2	S	2	bc	71	85	8	4000	Cu	6	6	1017.0	-2	SE	4	bc	71	85	8			0	10	1017.0	-2
Pelxistowe	1019.1	0	S	4	bc	70	35	8					1019.1	-2	S	4	bc	68	35	8			0	10	1019.1	-2
Valencia (Cahiroiveen)	1006.7	-4	SW	4	C	65	85	8	1500	Sr Cu	8	8	1006.7	-4	SW	3	bc	64	75	8	2500	Cu	6	10	1006.7	-4
Roches Point	1008.1	0	SW	3	bc	61	91	6	800	Sr	10	10	1008.1	-1	SW	2	bc	61	91	6	800	Sr	10	10	1008.1	-1
Pembroke (St. Ann's L.)	1013.7	-1	SW	6	bc	62	85	8	5750	Sr Cu	10	10	1013.7	-2	SW	6	bc	64	92	7	1500	Nb	10	10	1013.7	-2
Rose-on-Wye	1015.9	-1	SSW	4	bc	73	55	9	4000	Cu	4	10	1015.9	-2	SW	4	bc	66	65	9	2500	Nb	3	10	1015.9	-2
Benson	1016.9	-2	SW	4	bc	74	45	9					1016.9	-2	SW	3	bc	66	65	8			0	10	1016.9	-2
S. Farnborough	1018.0	0	SW	3	bc	74	45	9	4000	Cu	8	8	1018.0	-2	SSW	5	bc	66	45	9			0	10	1018.0	-2
London (Fawcett Obs.)	1018.0	-3	S	4	bc	73	45	8	5750	Cu	2	2	1018.0	-2	SSW	4	bc	70	45	9			0	10	1018.0	-2
Croydon	1018.4	0	SSW	4	bc	74	55	9	4000	Cu	5	5	1018.4	-2	SSW	3	bc	67	55	9			0	10	1018.4	-2
Clacton-on-Sea	1018.4	-1	SW	1	bc	74	55	9	4000	Cu	6	6	1018.4	-1	SSW	1	bc	68	55	8			0	10	1018.4	-1
Shoeburyness	1018.4	-1	SW	1	bc	74	55	9	4000	Cu	6	6	1018.4	-1	SSW	1	bc	68	55	8			0	10	1018.4	-1
Grain	1018.4	-1	SW	1	bc	74	55	9	4000	Cu	6	6	1018.4	-1	SSW	1	bc	68	55	8			0	10	1018.4	-1
Lymington	1019.2	0	SSW	5	bc	74	60	9	4000	Cu	4	4	1019.2	0	SSW	3	bc	69	60	9			0	10	1019.2	0
Scilly (St. Mary's)	1013.3	0	S	4	bc	64	85	8					1013.3	-1	SW	3	bc	66	91	7	1500	Sr	10	10	1013.3	-1
Falmouth	1016.3	0	S	5	bc	64	85	8					1016.3	-2	SSW	5	bc	66	85	7	1500	Sr	10	10	1016.3	-2
Plymouth	1017.4	0	S	5	bc	63	75	8	1500	Sr Cu	3	10	1017.4	-1	SSW	4	bc	62	85	8	1500	Sr	5	10	1017.4	-1
Portland Bill	1016.8	0	WSW	4	bc	62	85	8	1500	Cu	3	3	1016.8	0	WSW	3	bc	62	85	8			0	10	1016.8	0
Calshot	1014.3	-1	SSW	4	bc	66	75	9	4000	Cu	7	7	1014.3	-2	SW	3	bc	64	85	9			0	10	1014.3	-2
Dungeness	1014.8	-1	SW	3	bc	67	75	9	1500	Cu	2	2	1014.8	-2	SW	2	bc	64	85	9			0	10	1014.8	-2
Jersey	1019.7	0	WSW	2	bc	69	55	8					1019.7	-1	E	2	bc	69	60	8			0	10	1019.7	-1
LONDON OBSERVATIONS.																										
24 HOURS ENDED 0900 G.M.T. 31 <sup>ST</sup> JULY 1921.																										
Kew																										
Croydon																										
Greenwich (Royal Obs.)																										
City (Bunhill Row)																										
Westminster (St. James' Pk.)																										
Regents Pk. (Botanical Gdns.)																										
Garden Sq. (Brit. Rainfall)																										
Kensington Palace																										
Hampstead Observatory																										
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.																										
31 <sup>ST</sup> JULY 1921.																										
STATIONS.																										
Yarmouth																										
Greenwich																										
Wick																										
Valencia																										
BEAUFORT NOTATION OF WEATHER.																										
b blue sky (not more than a quarter covered).																										
bc sky partly cloudy (one half covered).																										
c generally cloudy (three-quarters covered).																										
d drizzle, or fine rain. f fog.																										
h hail. KQ line squall. l lightning.																										
m mist. o overcast sky.																										
p passing showers. r rain.																										
rs sleet, i.e. rain and snow together.																										
s snow. t thunder.																										
z dust haze; the turbid atmosphere of dry weather.																										
SEA DISTURBANCE.																										
0 = no swell. 1 = mod. swell. 2 = heavy swell. 3 = to swell. 4 = mod. swell. 5 = heavy swell. 6 = rather rough sea. 7 = rough sea. 8 = very rough sea. 9 = monstrous sea.																										
The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 35 feet above the ground.																										
Beaufort No.																										
Less than 1. Less than 2. 1-3. 4-5. 6-7. 8-9. 10-11. 12-13. 14-15. 16-17. 18-19. 20-21. 22-23. 24-25. 26-27. 28-29. 30-31. 32-33. 34-35. 36-37. 38-39. 40-41. 42-43. 44-45. 46-47. 48-49. 50-51. 52-53. 54-55. 56-57. 58-59. 60-61. 62-63. 64-65. 66-67. 68-69. 70-71. 72-73. 74-75. 76-77. 78-79. 80-81. 82-83. 84-85. 86-87. 88-89. 90-91. 92-93. 94-95. 96-97. 98-99. 100-101. 102-103. 104-105. 106-107. 108-109. 110-111. 112-113. 114-115. 116-117. 118-119. 120-121. 122-123. 124-125. 126-127. 128-129. 130-131. 132-133. 134-135. 136-137. 138-139. 140-141. 142-143. 144-145. 146-147. 148-149. 150-151. 152-153. 154-155. 156-157. 158-159. 160-161. 162-163. 164-165. 166-167. 168-169. 170-171. 172-173. 174-175. 176-177. 178-179. 180-181. 182-183. 184-185. 186-187. 188-189. 190-191. 192-193. 194-195. 196-197. 198-199. 200-201. 202-203. 204-205. 206-207. 208-209. 210-211. 212-213. 214-215. 216-217. 218-219. 220-221. 222-223. 224-225. 226-227. 228-229. 230-231. 232-233. 234-235. 236-237. 238-239. 240-241. 242-243. 244-245. 246-247. 248-249. 250-251. 252-253. 254-255. 256-257. 258-259. 260-261. 262-263. 264-265. 266-267. 268-269. 270-271. 272-273. 274-275. 276-277. 278-279. 280-281. 282-283. 284-285. 286-287. 288-289. 290-291. 292-293. 294-295. 296-297-																										

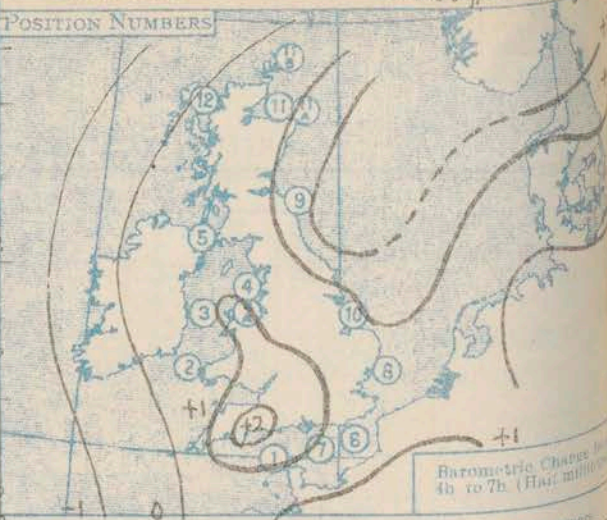


## SUMMARIES FOR THE PAST 24 HOURS

ISALLOBARS.

Sunday, 31st July.

STATIONS	WEATHER.				TEMPERATURE.			RAINFALL.			SUN.
	7h-13h.	13h-18h.	18h-24h.	24h-1h.	MAX. Day.	MIN. Night.	MIN. on Grass.	Day.	Night.	Precipitation began.	
Lerwick	c	c	c	c	55	47			9		
Stornoway	rrd	rrd	c	rrd	56	53		6	5		0.7
Wick	rrd	rrd	c	rrd	53	52		0.3	3	1350	
Castlebay	rrd	rrd	c	rrd	58	55			0.7		0.7
Nairn	rrd	rrd	c	rrd	61	50		4	3		3.8
Aberdeen	rrd	rrd	c	rrd	58	53	47	2	3		4.2
Malin Head	c	c	c	rrd	55	55			1	0900	2.2
Renfrew	rrd	rrd	c	rrd	59	54	47	1	1	1100	0.6
Guthrie (Inchkeith)	rrd	rrd	c	rrd	61	54	53	8	8	1430	0.6
Edinburgh	rrd	rrd	c	rrd	59	54	53	8	8	1430	0.6
Tynemouth	rrd	rrd	c	rrd	66	59			0.6		
Blackhead Point	rrd	rrd	c	rrd	66	54					
Donaghadee	rrd	rrd	c	rrd	60	51		11		0900	4.7
Birr Castle	rrd	rrd	c	rrd	68	55	46	25			0.0
Baldonnell	rrd	rrd	c	rrd	66	55		1	0.2	0900	0.0
Holyhead	rrd	rrd	c	rrd	63	57	58	3	0.2	1530	0.0
Liverpool (Bidston)	rrd	rrd	c	rrd	69	59	54	2	0.2	1630	2.8
Manchester (Alex. Pk.)	rrd	rrd	c	rrd	71	58	52	1	0.4	1630	2.8
Howden	c	c	rrd	rrd	78	58	54		1		9.7
Spurn Head	c	c	rrd	rrd	74	57			0.4		
Nottingham	rrd	rrd	c	rrd	74	59	57		0.3	2400	9.8
Cranwell	rrd	rrd	c	rrd	74	57	56				9.5
Gorleston	rrd	rrd	c	rrd	68	57	55				13.1
Fulham	rrd	rrd	c	rrd	78	56	53				11.2
Felixstowe	rrd	rrd	c	rrd	72	59	57				11.8
Valencia (Cabridge)	rrd	rrd	c	rrd	67	58	52	6	1	0330	5.4
Rothes Point	rrd	rrd	c	rrd	63	58		2	1	0130	1.6
Pembroke (St. Ann's H.)	rrd	rrd	c	rrd	63	60			trace		7.2
Ross-on-Wye	rrd	rrd	c	rrd	74	60	58.4		0.1		10.8
Benson	rrd	rrd	c	rrd	74	58	50		trace		11.9
S. Farnborough	rrd	rrd	c	rrd	73	59	54				
London (Kew Obs.)	rrd	rrd	c	rrd	74	59	54				
Croydon	rrd	rrd	c	rrd	72	57	55				
Glaughton-on-Sea	rrd	rrd	c	rrd	65	60	58				11.9
Shoeburyness	rrd	rrd	c	rrd	69	57	53				13.3
Grain	rrd	rrd	c	rrd	73	56	40				12.8
Lymington	rrd	rrd	c	rrd	68	54	47				13.8
Seilly (St. Mary's)	rrd	rrd	c	rrd	67	61			0.4		4.7
Falmouth	rrd	rrd	c	rrd	65	60	59		1	2200	5.8
Plymouth	rrd	rrd	c	rrd	64	61	59		1	2400	9.2
Portland Bill	rrd	rrd	c	rrd	65	59					
Calshot	rrd	rrd	c	rrd	69	61	60				12.5
Dungeoona	rrd	rrd	c	rrd	68	60					
Jersey	rrd	rrd	c	rrd	71	55					12.5



Position Number	3	1	7	6	3
Date	30	30	31	31	31
Time (M.T.)	1020	1550	0200	0400	0600
Sea °F	57	6	62	62	57
Air °F	60	67	62	61	61

GENERAL INFERENCE.

The depression off N.W. Scotland is moving N.E.. A secondary is indicated off the West of Ireland which will cause showery weather in the West and later in the N. of the British Isles. In the S.E. conditions will be fair and warm.

Further Outlook.

A depression which is shown over the Atlantic will cause further rain in the West and in the South-east of England. The weather will be fair but with a chance of thunder.

## Districts.

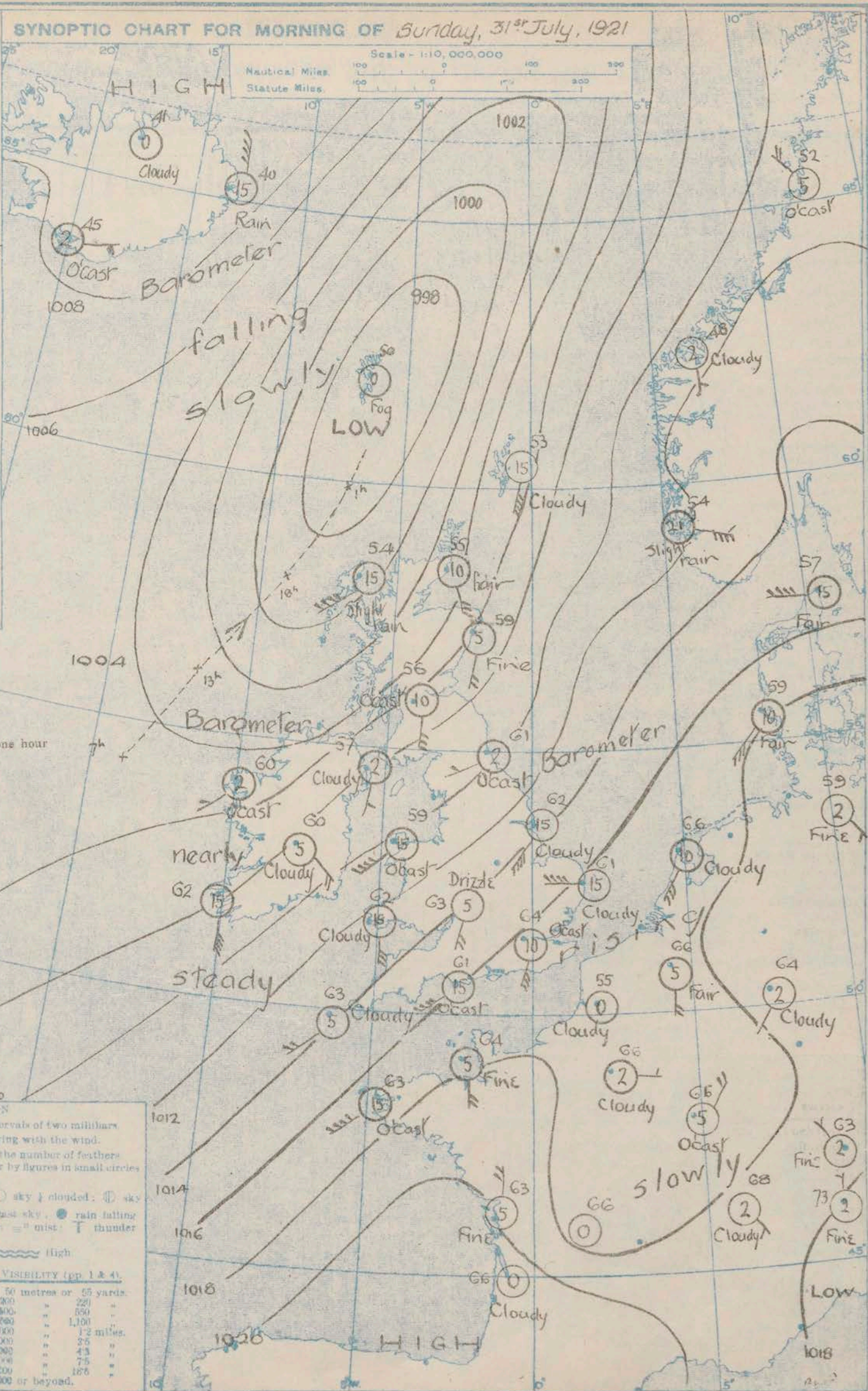
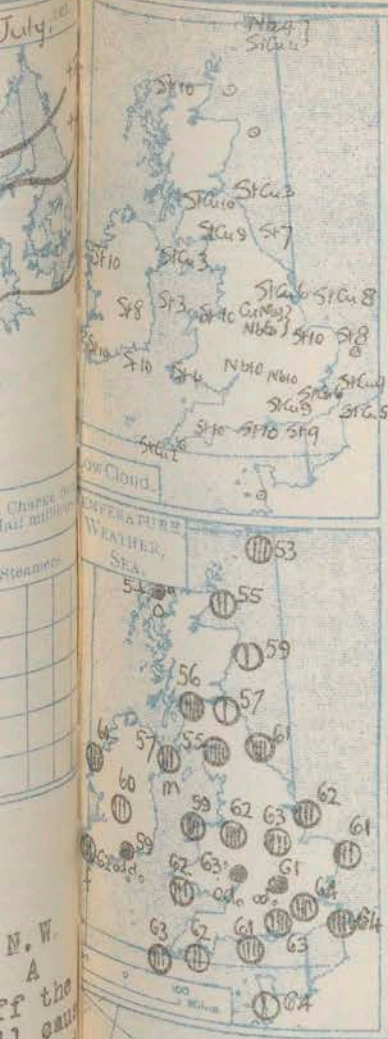
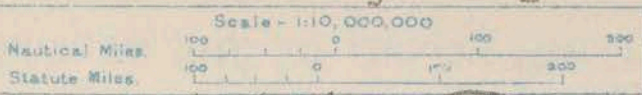
Forecasts for the 24 hours commencing 15h. G.M.T.

Sunday 31st July 1921.

1. S.E. England	Moderate S.W. winds. Cloudy. Moderate temperature or rather warm. Visibility good.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Moderate or fresh winds between S. and S.W. Cloudy, slight local rain. Moderate temperature. Visibility fair.
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Moderate or fresh S. or S.W. winds. Dull, some rain and coast fog. Visibility otherwise fair. Moderate temperature.
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 MORNING OF *Sunday, 31<sup>st</sup> July, 1921*



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

EXPLANATION

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.

clouded: ① sky: ② clear sky: ③ sky: ④ cloudy: ⑤ sky  
 snow: ⑥ sky: ⑦ cloudy: ⑧ overcast sky: ⑨ rain falling  
 thunderstorm: ⑩ hail: ⑪ fog: ⑫ mist: ⑬ thunder

ALPHABETIC CODE FOR SURFACE VISIBILITY (pp. 1 & 4).		Objects not visible at		50 metres or	55 yards.
Thick fog.	"	"	"	200	229
Bad fog.	"	"	"	400	550
Very bad fog.	"	"	"	1,000	1,100
Very poor.	"	"	"	2,000	1-2 miles.
Poor.	"	"	"	4,000	2-5
Mediocre.	"	"	"	7,000	4-5
Fair.	"	"	"	10,000	7-5
Good.	"	"	"	30,000	18-5
Very good.	"	"	"	30,000 or beyond.	"



# AIR MINISTRY.

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

Page 4.

BRITISH SECTION... SUNDAY, 31<sup>st</sup> JULY

1921.

No. 212

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. of F.	Humidity %	Visibility in Miles	Height of Low Cloud in Feet	Cloud.			Sea.	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. of F.	Humidity %	Visibility in Miles	Height of Low Cloud in Feet	Cloud.			
			Direc.	Force						Form.	Amt.	Total Amt.				Direc.	Force						Form.	Amt.	Total Amt.	
																										0-12
Lerwick ...	1005.8	-9	SSE	8	of c.	52	97	5	1250	Nb	10	-	10	1005.8	0	SSW	4	C+	53	97	5	1250	Nb	8	-	8
Stornoway ...	1002.0	0	SW	2	CO	54	92	3	4000	Sc	5	-	5	1002.2	+1	S	3	bc	55	92	7	450	Sc	10	-	10
Wick ...	1001.9	-3	SSW	2	bc	54	92	8	4000	Sc	5	-	5	1002.2	+1	S	3	bc	55	92	8	-	-	-	-	-
Castlebay ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1002.6	+1	SW	5	O-	57	85	6	2500	Sc	9	-	9
Nairn ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1002.2	+	WSW	2	bc	59	...	...	...	...	...	...	...
Aberdeen ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1006.6	+1	SW	2	bc/r	59	85	8	-	-	0	-	0
Malin Head ...	1004.7	+2	S	3	0	57	92	8	450	Sc	10	-	10	1005.2	+1	SW	3	C-	58	92	8	4000	Cu	8	-	8
Renfrew ...	1006.7	+1	SW	1	b/r	56	92	6	4000	Sc	2	-	2	1007.1	+1	SSW	3	0	56	85	8	5750	Sc	10	-	10
Leith (Inchkeith) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1007.4	+2	SW	4	bc	57	66	8	-	-	3	-	3
Bakdalemuir ...	1008.0	0	SW	3	ffo	57	97	2	800	Sc	10	-	10	1009.4	+1	SW	3	0	55	85	7	4000	Sc	9	-	9
Tynemouth ...	1008.9	-2	S	4	C/r	60	85	6	2500	Sc	8	-	8	1009.6	+3	WSW	1	0	61	92	6	4000	Sc	7	-	7
Blacksod Point ...	1005.1	+4	SW	3	bc	59	85	7	5750	Cu	6	-	6	1004.7	0	SW	1	0	60	85	7	450	Sc	10	-	10
Donaghadee ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1009.0	+1	SSW	1	C+	57	95	8	5750	Sc	3	-	3
Birr Castle ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1008.1	+	SE	2	C+	60	92	6	800	Sc	8	-	8
Baldonnell ...	1009.6	+	SSW	1	C-	59	97	7	2500	Sc	8	-	8	1009.6	0	SW	2	C	59	97	8	4000	Sc	3	-	3
Holyhead ...	1009.8	+1	SW	5	off	...	...	...	...	...	...	...	...	1010.4	+2	SW	4	0	59	97	6	225	Sc	10	-	10
Liverpool (Bidston) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1011.2	+1	S	3	0/r	62	85	7	800	Nb	9	-	9
Manchester (Alex. Pk.) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1012.0	0	SSW	3	C-	62	85	7	5750	Sc	6	-	6
Howden ...	1012.2	-1	SE	3	0	54	88	5	1500	Sc	10	-	10	1012.0	+1	S	4	C-	61	85	6	4000	Sc	6	-	6
Spurn Head ...	1012.9	-1	SW	5	0	61	76	8	450	Sc	10	-	10	1013.2	0	SW	4	C-	62	85	8	1500	Sc	8	-	8
Nottingham ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1013.0	0	SSW	2	0	63	85	5	2500	Nb	7	-	7
Cranwell ...	1014.2	0	SSW	4	0	60	97	8	2500	Sc	5	-	5	1013.8	0	SSW	4	0	63	97	8	1500	Sc	10	-	10
Gorleston ...	1016.6	-1	WSW	3	b-	58	97	9	...	...	...	...	...	1016.5	+1	N	4	C+	61	97	8	-	-	8	-	8
Pulham ...	1015.9	0	SW	3	bc	57	92	6	4000	Sc	6	-	6	1015.8	0	SSW	3	0	61	85	8	5750	Sc	8	-	8
Felixstowe ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1017.3	0	SW	4	0	61	85	8	4000	Sc	10	-	10
Valencia (Cahirciveen) ...	1009.1	0	WSW	2	C	62	...	...	...	...	...	...	...	1007.2	-1	S	4	ffo	62	97	3	2150	Sc	10	-	10
Roches Point ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1010.2	0	SE	3	odg	59	97	4	2150	Sc	10	-	10
Pembroke (St. Ann's H.) ...	1012.5	+1	SW	4	0	61	97	8	4000	Nb	10	-	10	1012.8	0	S	3	C-	62	97	8	450	Sc	4	-	4
Ross-on-Wye ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1013.9	+1	SSW	2	odg	63	85	7	2500	Nb	10	-	10
Benson ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1015.7	+1	SSW	3	odg	61	97	5	...	...	10	-	10
S. Farnborough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1016.3	0	SSW	3	0	63	75	8	2500	Sc	9	-	9
London (Kew Obsy.) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1016.4	+1	SSW	3	0	64	75	9	4000	Sc	6	-	6
Croydon ...	1017.6	-1	SSW	3	0	57	92	8	...	...	...	...	...	1017.2	0	SSW	3	0	61	85	8	5750	Sc	10	-	10
Clacton-on-Sea ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1016.4	0	SW	4	C	63	75	8	7250	Sc	3	-	3
Shoeburyness ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1017.2	0	N	1	0	63	75	8	1500	Sc	9	-	9
Grain ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1017.2	0	S	3	0	63	75	9	-	-	0	-	0
Lympne ...	1017.6	0	SW	1	b	56	92	8	...	...	...	...	...	1017.3	+1	SW	2	0	60	92	8	5750	Sc	5	-	5
Scilly (St. Mary's) ...	1013.1	0	SW	2	0	62	97	8	1500	Sc	10	-	10	1013.5	0	SW	2	C	63	97	8	5750	Sc	2	-	2
Falmouth ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1014.9	+1	SSW	4	bc	62	85	7	-	-	0	-	0
Plymouth ...	1016.1	0	SSW	5	0	61	97	7	1500	Nb	10	-	10	1015.7	+2	SSW	3	ffo	62	97	6	450	Sc	10	-	10
Portland Bill ...	1016.8	0	SW	4	0	60	85	8	...	...	...	...	...	1015.4	-2	SW	4	0	61	85	7	450	Sc	10	-	10
Calshot ...	1017.4	0	S	3	0	63	75	8	5750	Sc	10	-	10	1017.0	+1	SSW	3	0	63	85	8	1500	Sc	9	-	9
Dungeness ...	1017.4	0	SW	2	b	61	85	9	...	...	...	...	...	1017.4	0	SW	2	C	64	92	9	-	-	0	-	0
Jersey (In) ...	1018.4	0	-	0	bc	61	85	9	...	...	...	...	...	1017.9	0	S	2	b	64	75	8	-	-	0	-	0
Guernsey (In) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

### WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR SAT 30<sup>th</sup> JULY

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		Sunrise to 12h. 20	Sunset to 24h. 20
	Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night 12h-24h.	Day 24h-12h.	Sunrise to 12h.	Sunset to 24h.		Fore-noon.	After-noon.	Max. Day of.	Min. Night of.	Night 12h-24h.	Day 24h-12h.		
					29-30.	30.	30.	29.						29-30.	30.		
					mm.	mm.	hr.	hr.	Paignton ...	bc.c	c.bc.c	68	49			5.3	
Banff ...	bc.c.o	199	57	43	-	3	5.6	0.2	Ilfracombe ...	b.bc.c	c.o	69	53	-	-	6.2	
Montrose ...	bc	199	57	39	-	3	4.3	2.4	Bude ...	bc	bc	69	51	-	-	5.6	
Llandudno ...	o	o	66	52	-	-	0.5	0.0	Penzance ...	bc	bc.c.o	67	54	-	-	10.4	
Colwyn Bay ...	c.bc.bc	bc.bc	66	55	-	-	1.5	0.0	Torquay ...	b	bc.c	69	52	-	-	12.0	
Rhyl... ..	bc.c	c.o	68	49	-	-	1.9	0.5	Weymouth ...	b	bc.c	69	52	-	-	12.0	
Southport ...									Bournemouth ...	b	b	69	51	-	-	12.0	
Blackpool ...	c.c.o	o	68	50	0.1	-	2.5	0.2	Portsmouth (S'head) ...	b	b	70	51	-	-	11.9	
Harrogate ...	bc	bc.c	70	50	-	-	6.8	0.0	Worthing ...	b	b	68	53	-	-	12.0	
Skegness ...	b	b.bc.c.o	75	52	-	-	9.2	6.5	Brighton ...	b	b	68	53	-	-	12.2	
									Eastbourne ...			68	55	-	-	12.2	
Aberystwyth ...	b.bc	b.bc	64	52	-	-	1.0	1.0	Hastings ...	b	b	68	54	-	-	11.5	
Bath ...	b.bc	b.bc	70	49	-	-	9.2	0.0	Folkestone ...	b	b	70	56	-	-	11.5	
Leamington Spa ...	b	b	69	54	1	-	11.3	4.0	Tunbridge Wells ...	b	b	70	50	-	-	10.8	
Lowestoft ...	bcg	b	70	56	-	-	11.0	2.7	Ramsgate ...	bc	b	67	51	-	-	9.4	
Felixstowe ...	bcg	b	70	56	-	-	11.0	2.7	Margate ...	b.bc	b	73	58	-	-	11.5	
Southend ...	bc.b	bc	78	55	-	-	11.0	0.8	Deal ...	bc.b	b	71	56	-	-		





## AIR MINISTRY.

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

BRITISH SECTION.

CORRECTIONS AND ADDITIONS, JULY 1921.

Page 1.

## I.—CORRECTIONS.

Report for	STATION.	CORRECTION.	Report for	STATION.	CORRECTION.	Report for	STATION.	CORRECTION.
1st	Grain	18h. wind force: 4.	9th	Renfrew	18h. bar change: 0.	16th	Baldonnell	Rain day: Prec. Sun. 3.6.
	Falmouth	18h. weather: b; clouds:—		Holyhead	18h. vis. 9.		Felixstowe	Sun. 8.3.
	Howden	Min. 42.		Valencia	18h. vis. 9.		Roches Point	Past Weather: 7h.-13h. 0.4
	Felixstowe	Min. 44.		Wick	Min. 52.		London (Kew)	Sun. 6.0.
	Calshot	Max. 67. Min. 53.		Castlebay	Max. 59. Min. 56. Rain day: 1.		Croydon	Past Weather: 7h.-13h. 0.6
	Holyhead	1h. bar. 1022.0.		Esksdalemuir	Max. 70.		Baldonnell	1h. low cloud: St. 9.
	Rhyl	Sun. to 17h. 30.5. 6.6.		Baldonnell	Past Weather: 7h.-13h. 0.0.		Croydon	1h. humidity 92; vis. 7. clouds 4000
	Harrogate	Max. 63.		Spurn Head	Min. 60.		"	St. 6. A. 6.8.
	Valencia	13h. temp. 59.		Felixstowe	Sun. 11.9.	17th	Worthing	Rain day: 0.1.
	Lympe	13h. bar. 1024.2.		Valencia	Past Weather: 18h.-1h. b.c.c. 16.7h. c.c.		Castlebay	13h. bar. 1012.8.
	London (Kew)	18h. wind SSW.		Portland Bill	Max. 69.		"	18h. humidity 85.
	Calshot	18h. Sea: 0.		Renfrew	1h. humidity 97. upper cloud A. 6.		Nairn	18h. temp. 64.
	Aberdeen	Min. on Grass: 47. Sun. 0.0.		Felixstowe	1h. bar. 1025.9.		Baldonnell	18h. bar. 1011.1.
	Gorleston	Min. 49.		Roches Point	7h. low cloud: C. Nb.		Calshot	18h. bar. 1014.7.
	Esksdalemuir	7h. temp. 53.		Aberystwyth	Sun. 7.5. 9.0.		Donaghadee	Rain day: 1.
	Tyne mouth	7h. temp. 51.		Lowestoft	Max. 68.		Howden	Sun. 6.2.
	Roches Point	7h. bar change: 0.		Donaghadee	13h. temp. 65.		Croydon	1h. weather: b.c.
	Ross-on-Wye	7h. temp. 57.		Howden	13h. humidity 55.		Plymouth	1h. temp. 63.
	Croydon	7h. vis. 5.		Croydon	13h. cloud ht. 4000.		Baldonnell	7h. humidity 92.
	Harrogate	Sun. to 17h. 13.2. 2.9.		Nottingham	18h. temp. 85.		Roches Point	7h. vis. 7.
	Aberystwyth	Sun. to 17h. 13.2. 9.4.		Howden	Max. 87. Sun. 11.8.		Weymouth	Sun. to 17h. 16.2. 4.2.
3rd	Brighton	Sun. to 17h. 13.2. 9.7.		Valencia	18h. 1h. Past Weather: b2.		Brighton	Sun. to 17h. 16.2. 10.4.
	Renfrew	13h. weather: c+.		Felixstowe	1h. temp. 54.	18th	Renfrew	13h. weather: off: humidity 65; vis. 3.
	Esksdalemuir	13h. bar. 1022.6.		Baldonnell	13h. humidity 45.		"	13h. clouds: 1500 St. 6. 8. -8.
	Holyhead	13h. bar. 1024.1.		Holyhead	13h. wind force: 4.		Baldonnell	13h. bar. 1016.0. upper cloud. ASt.
	Cranwell	13h. temp. 65.		Howden	18h. humidity 55.		Howden	13h. humidity 55.
	Calshot	13h. upper cloud: C. 2.		Cranwell	18h. temp. 87. vis. 8.		Cranwell	13h. wind NNW. Temp. 81. clouds:—
	Howden	Sun. 10.0.		Nottingham	Min. 40.		Croydon	13h. low cloud. St. 6. C. 6. St. 9.
	Gorleston	Max. 60.		S. Farnboro'	Min. on Grass: 43.		Calshot	13h. wind E. weather o/r: humidity 75.
	Lympe	1h. bar change: -1.		Calshot	Past Weather: 13h.-18h. form.		"	13h. total cloud 9.
	Croydon	7h. temp. 60.		Baldonnell	1h. wind: WSW.		Howden	Min. on Grass: 42.
	Motrose	Sun. 13.2. 8.2.		Esksdalemuir	7h. wind force: 3.		Ross-on-Wye	Min. on Grass: 60.
	Harrogate	Sun. 13.2. 5.6.		Calshot	7h. temp. 63.		Howden	1h. temp. 50.
	Aberystwyth	Sun. 13.2. 12.3.		Renfrew	13h. temp. 64.		Spurn Head	1h. weather: b.
	Bath	Sun. to 17h. 2.2. 8.2. 13.2. 8.4.		Howden	13h. wind force: 4.		Baldonnell	1h. bar. 1019.3.
	Weymouth	Sun. 13.2. 6.4.		Cranwell	13h. bar. 1018.4. temp. 85. cloud: Cu.		"	7h. humidity 92.
	Brighton	Sun. 13.2. 9.7.		Felixstowe	13h. weather: b. temp. 82.	19th	Brighton	Sun. 16.2. 11.4.
	Lerwick	13h. bar. 1025.5.		Portland Bill	13h. bar. 1021.3.		Manchester	13h. bar. 1017.9.
	Plymouth	13h. temp. 66.		Calshot	18h. bar change: +1. humidity 55.		Felixstowe	13h. wind force: 4.
	Howden	Sun. 11.4.		Howden	18h. cloud: Cu. 3. C. St. 5.		Renfrew	18h. bar change: 0. wind WNW.
	Holyhead	1h. bar. 1024.1.		"	18h. temp. 73.		"	18h. humidity 65. vis. 8.
	Cranwell	7h. bar. 1025.2.		Plymouth	Sun. 2.0.		Baldonnell	18h. bar change: 0. temp. 76. humidity 65.
	Croydon	1h. total cloud amt: 3.		Stornoway	Max. 69. Min. 59. Min. on Grass: 55. Sun. 14.0.		Howden	18h. humidity 35.
	Harrogate	Sun. to 17h. 7.3. 2.2. 9.9.		Liverpool	Sun. 13.7.		Regents Pk.	Sun. 13.5.
	Bath	Sun. 2.2. 8.2.		Howden	Past Weather: 18h.-1h. b2w.		Renfrew	Past Weather: 13h.-18h. C. Min. 60.
5th	Lerwick	Past Weather: 7h.-13h. 0.0.		Baldonnell	1h. bar. 1022.0. wind E. humidity 92.		Howden	Sun. 13.9.
	Stornoway	Min. 42.		Wick	Sun. 10.5. 12.9.		Gorleston	Sun. 6.2.
	Nottingham	Min. on Grass: 42.		Baldonnell	13h. bar change: -2. wind force: 3.		Baldonnell	1h. temp. 65.
	Esksdalemuir	Wind: 7h. S.		"	13h. temp. 69. humidity 65. vis. 7.	20th	Lowestoft	Min. 58.
	Felixstowe	7h. bar. 1025.8. wind force: 3.		Felixstowe	13h. wind force: 3.		Castlebay	13h. weather: ODD. cloud amt: 10.
	Harrogate	Sun. 3.4. 10.3.		Grain	13h. wind E.N.		Esksdalemuir	13h. bar. 1019.4.
	Weymouth	Sun. 3.4. 12.3.		Howden	18h. wind E.N.E.		Blacksod Pt.	13h. temp. 66.
6th	Esksdalemuir	13h. temp. 69.		Grain	18h. wind E.N.		Baldonnell	13h. wind SW'W.
	Plymouth	13h. bar. 1026.1.		Baldonnell	Max. 71.		Howden	13h. wind WNW.
	Esksdalemuir	18h. upper cloud: total amt: 8.		Roches Point	Max. 75.		Valencia	13h. wind SW'S.
	Felixstowe	18h. wind ESE. humidity 75. vis. 9.		Baldonnell	7h. bar. 1016.9.		Plymouth	13h. bar change: 0. wind: S.
	Baldonnell	Min. on Grass: 55. Sun. 11.6.		Grain	7h. wind: ESE.		Manchester	18h. bar. 1020.1.
	Felixstowe	Sun. 9.1.		Calshot	7h. Sea: 0.		Howden	18h. wind force: 3.
	"	1h. wind force: 3.		Harrogate	Sun. to 17h. 12.2. 8.2.		Valencia	18h. cloud ht. 450.
	Cranwell	7h. humidity: 55.		Blacksod Pt.	13h. wind SE.		S. Kensington	Solar Radiation: total 12035. At. 35.4.
	Harrogate	Sun. 4.5. 1.3.		London (Kew)	13h. humidity 55. vis. 6.		Aberdeen	Max. 66. Min. 61.
	Esksdalemuir	13h. low cloud: St. 10.		Baldonnell	18h. cloud ht. 1500.		Renfrew	Min. 61.
	Valencia	13h. cloud ht. 2500.		Valencia	18h. wind S'E.		Baldonnell	Min. on Grass: 43.
	Plymouth	13h. wind force: 3.		Lerwick	Max. 51.		Felixstowe	Sun. 11.3.
	Wick	18h. bar. 1018.3.		Baldonnell	Min. on Grass: 50.		Roches Point	Min. 65.
	Croydon	18h. wind force: 3.		Pembroke	Min. 60.		Lympe	Min. 60. Sun. 13.0.
	Clacton	18h. temp. 74.		Lerwick	1h. temp. 48.		Plymouth	Past Weather: 18h.-1h. c. 1h.-7h. 0.0.
	Lerwick	Max. 52.		Baldonnell	1h. wind E'S.		Roches Pt.	7h. bar. 1024.4.
	Baldonnell	Past Weather: 18h.-1h. m.		Felixstowe	1h. temp. 58.		Croydon	7h. wind WNW.
	"	Min. on Grass: 55.		Stornoway	7h. wind E.N.E.		Cranwell	13h. wind WNW.
	Felixstowe	Sun. 10.2.		Plymouth	7h. bar change: +2.		Howden	18h. bar change: +2. humidity 55.
	Spurn Head	7h. temp. 61.		Baldonnell	13h. wind SE. ht. of cloud: 4000.		Cranwell	18h. wind NW.
	Baldonnell	13h. wind W. humidity 55.		Cranwell	18h. bar. 1018.6. vis. 8. cloud: Cu.		Renfrew	Max. 64.
	Valencia	18h. cloud ht. 800.		Aberdeen	Min. on Grass: 52. Sun. 0.1.		Howden	Sun. 8.8.
	Shoeburyness	18h. temp. 65.		Baldonnell	Past Weather: 18h.-1h. m. m.c.		Felixstowe	Sun. 10.2.
	Plymouth	18h. bar. 1023.7.		Howden	Sun. 9.2.		Valencia	Max. 68.
	Lerwick	Rain night: 5.		Croydon	Past Weather: 13h.-18h. o'ry.		Croydon	Past Weather: 7h.-13h. bc 13.7.
	Renfrew	Past Weather: 13h.-18h. 0.0.		Baldonnell	1h. bar. 1014.7.		Holyhead	1h. bar. 1028.3.
	Valencia	7h. bar change: +1.		"	7h. cloud ht. 800.		Manchester	7h. weather: 0+
	Baldonnell	Sun. 6.2. 9.5.		Scilly	7h. bar change: -1.		Cranwell	7h. wind force: 3.
	Southend	Min. 69.		Baldonnell	13h. bar. 1012.5. humidity 55.		Felixstowe	7h. total cloud: 4.
	Esksdalemuir	13h. cloud: St. 6. 9. A. St. 10.		Wick	18h. bar. 1017.8.		Valencia	7h. wind force: 2.
	Roches Point	13h. low cloud: Cu. Nb.		Aberdeen	18h. cloud ht. 1500.		Felixstowe	13h. temp. 73.
				Baldonnell	18h. cloud ht. 4000. cloud St. 6. 6.	22nd	Felixstowe	13h. bar. 1028.8.
				Howden	18h. wind force: 3.		Portland Bill	18h. wind force: 6.
				Felixstowe	18h. bar. 1016.4.		Calshot	18h. humidity 75. total cloud: 7.
				Valencia	18h. temp. 67.		Nairn	Past Weather: 13h.-18h. c. 9.9.
				Shoeburyness	18h. vis. 6.		Gorleston	Sun. 12.0.
				Plymouth	18h. bar. 1012.2.		Felixstowe	Sun. 9.5.
				Wick	Min. 52.			

† The barometric change is expressed in half millibars.





## I.—CORRECTIONS.

Report for	STATION.	CORRECTION.	Report for	STATION.	CORRECTION.	Report for	STATION.	CORRECTION.
22 <sup>nd</sup>	Renfrew	1h. bar. 1009.5. 7h. bar. 1006.9.	25 <sup>th</sup>	Esksdalemuir	13h. low cloud. St. Cu. 8. - 8.	27 <sup>th</sup>	Howden	7h. temp. 53. humidity 95. cloud total
	Holyhead	7h. wind. SW 1.5.		Baldonnell	13h. wind. WIN.	28 <sup>th</sup>	Felixstowe	13h. wind. SE.
	Howden	7h. cloud ht. 4000. low cl. St. Cu.		Howden	13h. bar. 1013.1. bar. change: +1.		Roches Pt.	13h. bar. 1014.4.
	Brighton	Sun. 1017h. 21 <sup>st</sup> . 10.9.		Grain	13h. wind. N.E.		Calshot	13h. wind. SE 1.5.
23 <sup>rd</sup>	Felixstowe	13h. low cloud. St. Cu. 3.		Calshot	13h. wind. SW 1.5.		Baldonnell	18h. bar. change: -2. weather. obs.
	Howden	13h. wind force 5.		Cranwell	18h. bar. 1013.8. wind. WSW 3. vis. 8.		Felixstowe	18h. low cloud. St. Cu.
	S. Farnboro'	13h. clouds. St. Cu. 5. G. 9.		Calshot	18h. wind. SW 1.5. cloud Cu. 2.		Baldonnell	Min. on Grass. 52.
	Renfrew	Max. 64. Rain. day 2.		Esksdalemuir	Sun. 3.9.	29 <sup>th</sup>	Holyhead	14h. cloud ht. 900.
	Manchester	Rain. night: 7.		Renfrew	Min. 51.		Howden	7h. humidity 85.
	Nottingham	Rain. day: 7.		Cranwell	Sun. 11.2.		Plymouth	7h. temp. 61.
	Gorleston	Min. 61.		Felixstowe	Sun. 12.5.		Spurn Hd.	13h. bar. 1005.2.
	Felixstowe	Sun. 7.5.		Jersey	Min. 64. Sun. 63.		Cranwell	13h. wind force 4. cloud. Cu. 4.
	Lymington	Max. 73. Sun. 8.3.		Baldonnell	1h. temp. 63. ht. of cloud. 800.		Plymouth	13h. clouds: 2500 St. Cu. A. Cu. 10.
	Jersey	Sun. 13.0.		Montrose	7h. humidity 85.		Calshot	13h. bar. 999.6.
	Howden	1h. bar. change: -3. wind. SW 1.5.	26 <sup>th</sup>	Harrogate	Sun. 23.5. 5.9.		Grain	18h. wh. br. temp. 70. vis. 7. cloud. Cu.
	Renfrew	7h. cloud. St. Cu. 6.		Cranwell	Sun. 1017h. 24 <sup>th</sup> . 7.1.		Calshot	18h. low cloud. St. Cu. 9.
	London (Kew)	7h. weather: ov.		Valencia	13h. temp. 81. vis. 8. cloud. Cu. 8.		Renfrew	Min. 50. Min. on Grass. 50. Rain. 11.9.
	Montrose	Sun. 21 <sup>st</sup> . 0.7.		London (Kew)	13h. humidity 65.		Holyhead	1h. vis. 4.
	Weymouth	Sun. 1017h. 22 <sup>nd</sup> . 7.6.		Silly	13h. low cloud. ht. 10.		Plymouth	1h. bar. 994.0.
	Brighton	Sun. 1017h. 22 <sup>nd</sup> . 8.4. 21 <sup>st</sup> . 12.1.		Calshot	13h. temp. 69.		Howden	7h. bar. 994.0.
24 <sup>th</sup>	Howden	13h. wind. SW.		Blacksd. Pt.	18h. wind. SW 1.5.	30 <sup>th</sup>	Cranwell	7h. bar. 994.3. hum. 85. vis. 8.
	Nottingham	13h. temp. 70.		S. Farnboro'	Max. 65. Rain. day 3.		Howden	13h. wind force 5.
	Felixstowe	13h. humidity 75.		Holyhead	Past Weather 7h. 13h. obs. 13h. 18h. obs.		Valencia	13h. wind. W. 18h. weather. obs.
	Calshot	13h. bar. 1012.0. wind. SW 1.5.		Blacksd. Pt.	Sun. 6.5.		Clacton	18h. wind. W.
	Leith	18h. bar. 1001.6.		S. Farnboro'	1h. bar. 1005.2.		Plymouth	18h. wind force 4. weather. b.
	Baldonnell	18h. wind. WIN.		Holyhead	7h. sea. 0.		Gorleston	Min. 54.
	Holyhead	18h. wind. SW 1.5.		Nottingham	Sun. 1017h. 25 <sup>th</sup> . 7.6. 24 <sup>th</sup> . 7.1.		Pembroke	Sun. 4.6.
	Calshot	18h. wind. SW 1.5. Min. on Grass. 63.		Felixstowe	Min. 62.		S. Farnboro'	Max. 69.
	Baldonnell	1h. bar. change: +6.	27 <sup>th</sup>	Harrogate	Sun. 24 <sup>th</sup> . 11.7.		Grain	Min. 51.
	Holyhead	1h. " " +6.		Brighton	13h. temp. 61.		Lerwick	1h. bar. 1012.3.
	Renfrew	Min. 47.		Deal	13h. bar. 1012.5. wind. WSW. hum. 55.		Aberdeen	7h. bar. 1014.6.
	Esksdalemuir	Sun. 1.5.		Baldonnell	13h. bar. 1012.0. wind. WSW. temp. 70.		Valencia	7h. temp. 62.
	Baldonnell	Past Weather 18h. 14. C.		Manchester	13h. vis. 8. cloud. Cu. 5.		Aberstwyth	Sun. 28 <sup>th</sup> . 6.5.
	Holyhead	" " 18h. 14. old mpc. Sun. 0.0.		Cranwell	13h. humidity 85.	31 <sup>st</sup>	Brighton	Sun. 28 <sup>th</sup> . 9.8.
	Blacksd. Pt.	7h. temp. 56.		Felixstowe	13h. wind. SW 1.5.		Birch Castle	13h. bar. 1004.2.
	Holyhead	7h. bar. 1012.5.		Lymington	13h. wind. SW 1.5. cloud ht. 4000.		Croydon	13h. temp. 71.
	Calshot	7h. wind. W 1.5. 4.		Howden	18h. humidity 55.		Renfrew	18h. hum. 95. Min. 55.
	Brighton	Sun. 22 <sup>nd</sup> . 9.5.		Esksdalemuir	Sun. 4.4.		Howden	Min. 58.
				Spurn Head	Rain. day: 0.3.		Cranwell	Max. 76.
				Lymington	Sun. 67.		Ross-on-Wye	Min. on Grass. 58.
				Calshot	Min. on Grass. 50. Sun. 32.		Howden	1h. temp. 59.
							Baldonnell	7h. wind. SW 1.5. temp. 59.

## II.—ADDITIONS.

Report for	STATION.	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind.		Temp. °F.	Humidity. %	Visibility. Miles.	Height of Low Cloud. Feet.	Cloud.				SUMMARIES FOR THE PAST 24 HOURS.											
				Dirac.	Force					Wet. Air.	Form.	Amt.	Total Form.	Total Amt.	Sep. 0-9.	WEATHER.				TEMPERATURE.			RAINFALL.		
																7h.-13h.	13h.-18h.	18h.-7h.	1h.-7h.	MAX. Day. 7h.-13h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	Day. 7h.-13h.	Night. 18h.-7h.	Precipitation began.
1 <sup>st</sup>	Malin Head	13h. 1021.4	0	WNW	2	55	97	8	4000	St. Cu.	10	-	10	1	00	00	00	55	51	4	-	-	-		
2 <sup>nd</sup>	"	18h. 1022.5	-2	WNW	2	54	97	8	4000	St. Cu.	10	-	10	1	00	00	00	55	51	4	-	-	-		
	"	1h. 1023.2	0	W	2	53	97	8	4000	St. Cu.	10	-	10	0	00	00	00	55	51	4	-	-	-		
	"	7h. 1023.0	0	W	2	53	97	8	4000	St. Cu.	10	-	10	0	00	00	00	55	51	4	-	-	-		
	"	13h. 1023.4	0	WNW	1	57	97	9	-	-	-	-	-	3	barbc	barbc	00	57	52	*	-	-	-		
3 <sup>rd</sup>	"	18h. 1024.1	0	WNW	1	57	97	9	-	-	-	-	-	3	barbc	barbc	00	57	52	*	-	-	-		
	"	1h. 1024.5	0	WNW	1	57	97	9	1500	Cu. Nb.	5	-	5	1	00	00	00	57	52	*	-	-	-		
	"	7h. 1025.5	0	WNW	1	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	13h. 1026.3	0	WNW	2	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
4 <sup>th</sup>	"	18h. 1026.5	0	WNW	2	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	1h. 1026.8	0	WNW	2	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	7h. 1026.5	0	WNW	2	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	13h. 1026.3	0	WNW	2	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
5 <sup>th</sup>	Blacksod Pt.	18h. 1026.0	-1	WNW	3	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	13h. 1027.1	0	WNW	2	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	18h. 1025.2	-1	WNW	2	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	1h. 1024.4	-1	WNW	2	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
6 <sup>th</sup>	Malin Head	7h. 1025.0	+1	WNW	2	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	13h. 1025.0	0	WNW	2	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	18h. 1024.4	-1	WNW	2	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	1h. 1023.4	-1	WNW	2	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
7 <sup>th</sup>	Lerwick	13h. 1026.0	0	WNW	3	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	Malin Head	13h. 1025.3	-3	WNW	2	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	18h. 1023.8	-3	WNW	2	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	Blacksod Pt.	18h. 1022.7	0	WNW	1	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
8 <sup>th</sup>	Malin Head	1h. 1023.3	0	ENE	2	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	7h. 1023.1	0	ENE	2	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	13h. 1023.5	0	W	2	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	18h. 1023.9	0	W	2	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
9 <sup>th</sup>	Blacksod Pt.	18h. 1023.1	0	SW	2	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	1h. 1023.5	-2	SW	2	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	7h. 1023.8	-1	SW	2	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	13h. 1023.2	-1	SW	2	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
10 <sup>th</sup>	Malin Head	1h. 1023.2	-1	S	1	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	7h. 1023.1	-2	S	1	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	13h. 1021.8	-1	W	3	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	18h. 1021.8	-1	WNW	3	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
11 <sup>th</sup>	"	1h. 1022.9	+1	SSW	3	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	7h. 1023.9	0	SSW	3	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	13h. 1023.9	0	SSW	3	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	18h. 1023.9	0	SSW	3	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
12 <sup>th</sup>	Baldonnell	7h. 1024.9	0	S	1	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	13h. 1024.9	0	S	1	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	18h. 1021.8	-1	W	3	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	1h. 1021.8	-1	W	3	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
13 <sup>th</sup>	Grain	7h. 1023.8	+1	W	1	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	13h. 1024.9	0	W	1	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	18h. 1024.9	0	W	1	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	1h. 1024.9	0	W	1	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
14 <sup>th</sup>	"	7h. 1024.9	0	W	1	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	13h. 1024.6	+1	W	2	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	18h. 1023.7	-1	W	2	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	1h. 1023.7	-1	W	2	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
15 <sup>th</sup>	Baldonnell	7h. 1023.2	+1	SSW	1	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	13h. 1023.2	+1	SSW	1	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	18h. 1023.2	+1	SSW	1	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		
	"	1h. 1023.2	+1	SSW	1	57	97	9	4000	St. Cu.	10	-	10	0	00	00	00	57	52	*	-	-	-		





## AIR MINISTRY.

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

BRITISH SECTION.

CORRECTIONS AND ADDITIONS.

1921.

Page 3.

## II.—ADDITIONS. (CONT.)

Report for Station.	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. mi.	Height of Low Cloud. Feet.	Cloud.			SUMMARIES FOR THE PAST 24 HOURS.											
			Direc.	Force						Form.	Amt.	Total Amt.	Sea.	WEATHER.			TEMPERATURE.			RAINFALL.			Sun. Hours.	
														7h.-13h.	13h.-18h.	18h.-7h.	MAX. Day. 7h.-13h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	Day. 7h.-13h.	Night. 18h.-7h.	Precipitation began.		
102	Malin Head	13L 1012.5	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
103	Blackad Pt.	13L 1012.2	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
104	Malin Head	13L 1012.1	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
105	Felixstowe	13L 1012.0	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
106	Malin Head	13L 1011.9	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
107	Malin Head	13L 1011.8	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
108	Malin Head	13L 1011.7	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
109	Malin Head	13L 1011.6	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
110	Malin Head	13L 1011.5	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
111	Malin Head	13L 1011.4	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
112	Malin Head	13L 1011.3	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
113	Malin Head	13L 1011.2	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
114	Malin Head	13L 1011.1	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
115	Malin Head	13L 1011.0	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
116	Malin Head	13L 1010.9	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
117	Malin Head	13L 1010.8	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
118	Malin Head	13L 1010.7	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
119	Malin Head	13L 1010.6	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
120	Malin Head	13L 1010.5	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
121	Malin Head	13L 1010.4	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
122	Malin Head	13L 1010.3	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
123	Malin Head	13L 1010.2	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
124	Malin Head	13L 1010.1	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
125	Malin Head	13L 1010.0	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
126	Malin Head	13L 1009.9	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
127	Malin Head	13L 1009.8	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
128	Malin Head	13L 1009.7	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
129	Malin Head	13L 1009.6	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
130	Malin Head	13L 1009.5	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
131	Malin Head	13L 1009.4	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
132	Malin Head	13L 1009.3	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
133	Malin Head	13L 1009.2	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
134	Malin Head	13L 1009.1	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
135	Malin Head	13L 1009.0	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
136	Malin Head	13L 1008.9	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
137	Malin Head	13L 1008.8	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
138	Malin Head	13L 1008.7	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
139	Malin Head	13L 1008.6	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
140	Malin Head	13L 1008.5	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
141	Malin Head	13L 1008.4	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
142	Malin Head	13L 1008.3	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
143	Malin Head	13L 1008.2	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
144	Malin Head	13L 1008.1	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
145	Malin Head	13L 1008.0	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
146	Malin Head	13L 1007.9	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
147	Malin Head	13L 1007.8	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
148	Malin Head	13L 1007.7	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
149	Malin Head	13L 1007.6	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
150	Malin Head	13L 1007.5	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
151	Malin Head	13L 1007.4	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
152	Malin Head	13L 1007.3	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
153	Malin Head	13L 1007.2	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
154	Malin Head	13L 1007.1	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
155	Malin Head	13L 1007.0	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*	-	-	-	5.6		
156	Malin Head	13L 1006.9	WNW	1	0	0	100	4000	St. Cl.	0	10	0	barbc	c	c	75	61	*						