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M.O. FORM 2373

AIR MINISTRY.  
**METEOROLOGICAL OFFICE.**  
**LONDON.**

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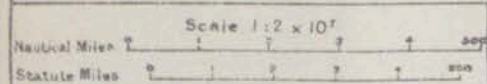
**DAILY WEATHER REPORTS**

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1ST JULY TO 30TH SEPTEMBER, 1920.

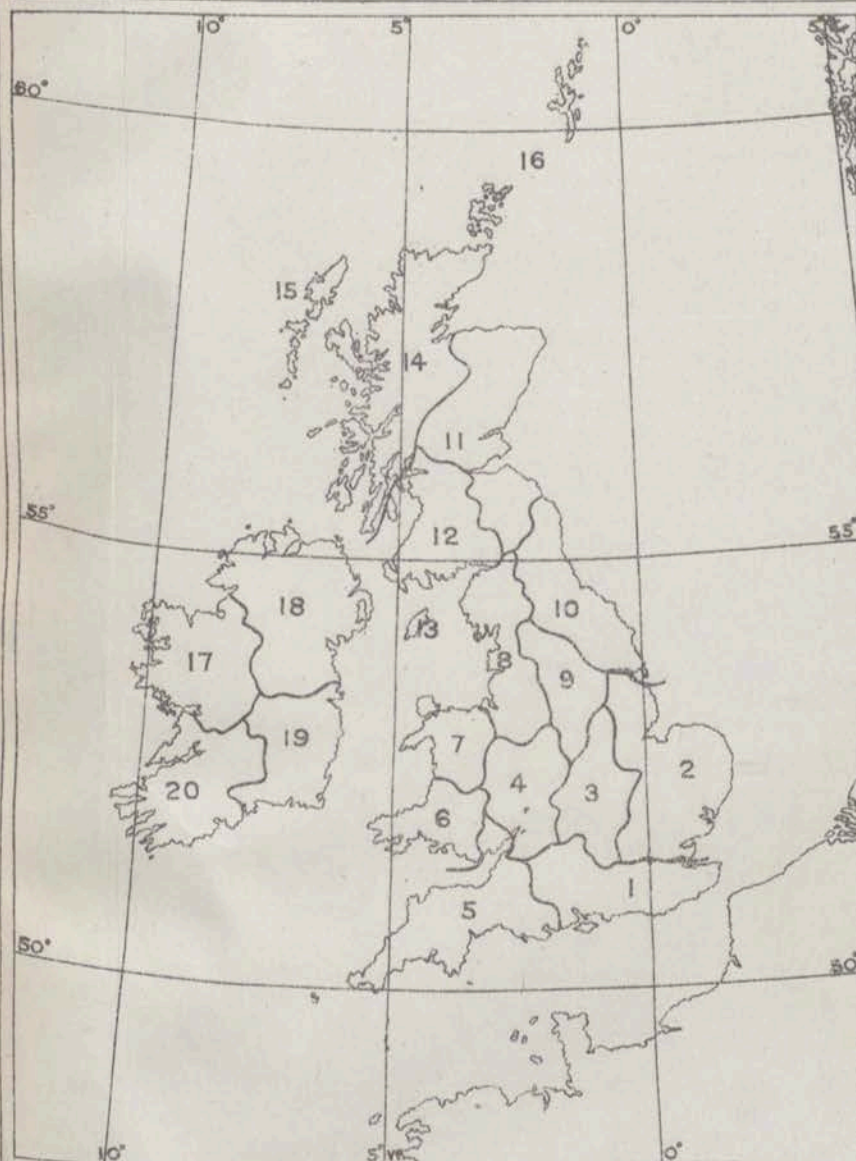


## METEOROLOGICAL STATIONS.

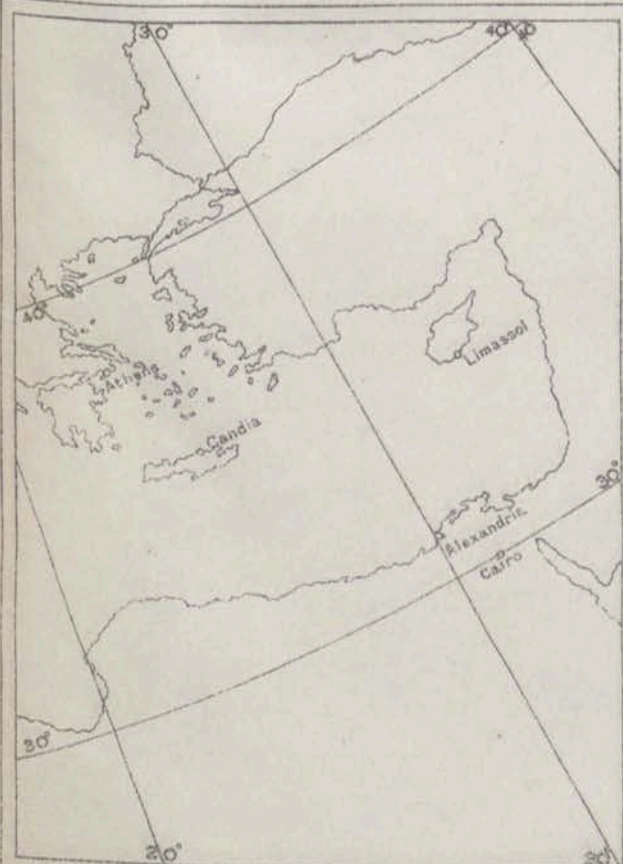
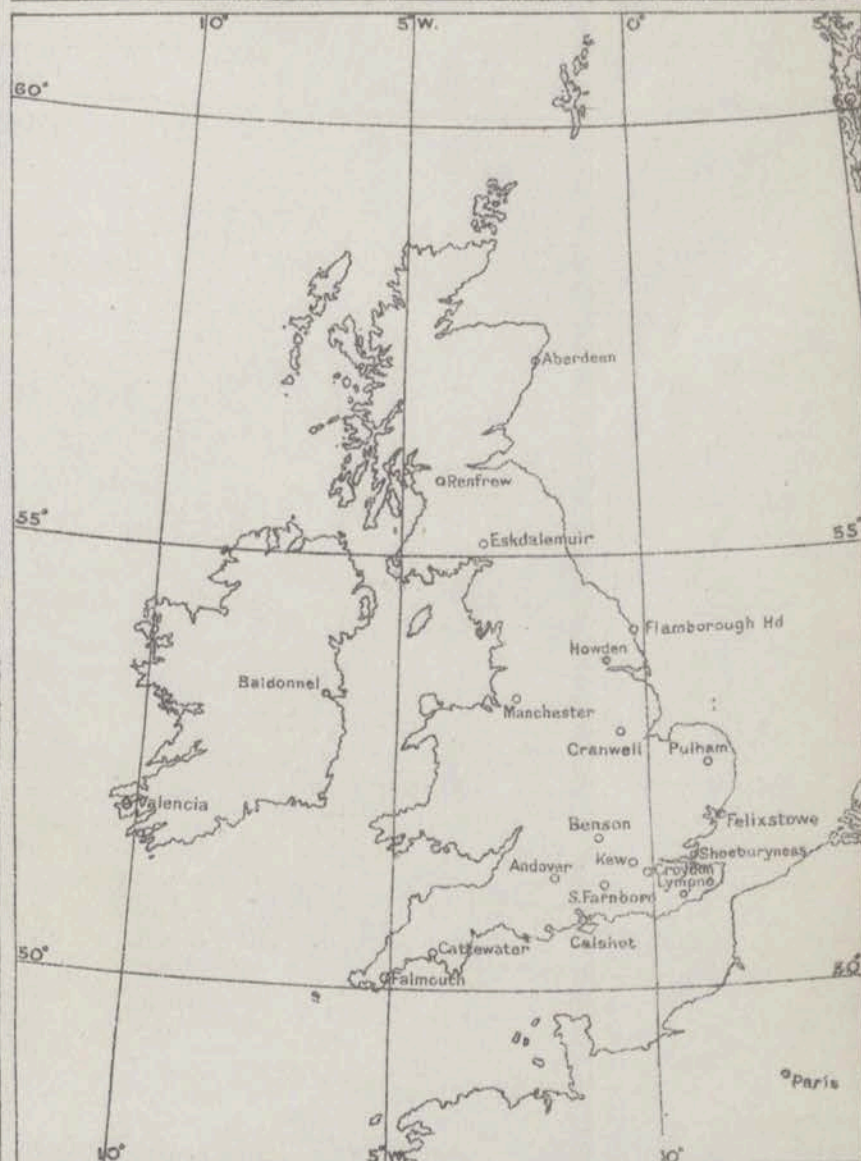




# DISTRICTS.



# 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.  
e wet air without rain falling  
f fog. g gloom.  
h hail. l lightning  
m mist. p passing showers.

Capital letters indicate intensity, and repetition of letters continuity, thus—  
R=heavy rain. r=continuous moderate rain. r.r.=continuous slight rain.

## BEAUFORT NOTATION.

q squalls. r rain.  
rs sleet, i.e., rain and snow.  
s snow. t thunder.  
u ugly, threatening sky.  
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 2/3 cloudy	☁
Sky 1/3 cloudy	☁	Sky 3/4 cloudy	☁
Overcast sky	☁	Rain falling	☔
Snow	❄	Sleet	❄
Fog	☁	Hail	⚡
Thunder	⚡	Mist	☁
Lightning	⚡	Thunder, rain or sleet	☔
Aurora	☄	Gale	⚡
Rime	❄	Solar halo	☉
Glazed frost	❄	Lunar halo	☾
Glazed roads	❄	Solar corona	☉
Snow lying	❄	Lunar corona	☾



# AIR MINISTRY.

## METEOROLOGICAL OFFICE, LONDON.

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



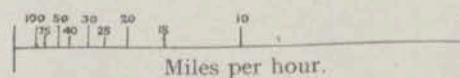
**Pressure.**—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on the British Section of the Report and for intervals of 4 millibars on the International Section. Values in millibars may be converted to mercury inches by the scale given in the margin.

The wind at a height of 1,100–2,000 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 or humidity 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, heights are given both in feet and kilometres and temperatures in degrees Fahrenheit and Absolute. The lines marked "Anti-cyclonic," "Cyclonic," "Summer," and "Winter," indicate the normal fall of temperature with height or lapse rate under the conditions indicated. The oblique line marked "Adiabatic" shows the lapse rate 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.

**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.

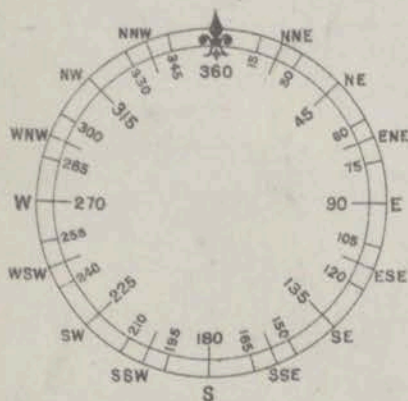
**Weather.**—In describing the distribution of weather over a district or during an interval of time such as a day, descriptive adjectives are used with the following meanings:—

- 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 Upper Air Supplement for heights of 1,000 feet, 2,000 feet, 5,000 feet, 8,000 feet, 10,000 feet, and 15,000 feet. The data are usually based on Pilot Balloon ascents.

In the forecasts of upper wind, direction is specified in points and in degrees from true north measured through East 90°, South 180°, West 270° to North 360°. (*See* diagram in margin.)



JULY.

AUGUST

SEPTEMBER.

ME

705



## 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.

PRESSURE  
1906-1915.

AIR TEMPERATURE.

RAINFALL  
1881-1915.

BRIGHT  
SUNSHINE.  
1881-1915.

STATIONS.

7 a.m. Observations (reduced to M.S. Level).

Means of

1906-1915.

1881-1915.

Absolute Extremes.

1881-1915.

Maximum.

Minimum.

Temp.

Year.

Temp.

Year.

Days with Rain.

Total Fall.

Daily Mean.

Per Centage of Possible Duration.

		Dry Bulb 7 a.m.	Daily Maximum.	Daily Minimum.										
Lerwick	1010.4	52.4	57.1	48.4	81	1910	38	1885, 95, 1909	20	76	3.01	—	—	
Stornoway	1011.4	53.3	60.0	49.0	75	1897, 1899	33	1888	22	101	3.97	—	—	
Castletown (Barra Isd.)	1012.1	55.0	61.8	51.2	75	1911	44	1912	18	81	3.27	—	—	
Eskaudemuir	1014.0	51.8	61.8	46.5	79	1914	31	1912	18	79	4.79	—	—	
Malin Head	1013.8	55.0	61.0	52.8	80	1900	42	1912	21	90	3.52	—	—	
Blackod Point	1014.0	50.6	62.1	53.4	78	1899, 1911	42	1887, 88, 1912	21	80	4.58	—	—	
Valencia	1014.9	57.1	63.9	51.9	81	1899	42	1890, 1912	22	122	4.79	—	—	
Roche's Point	1015.3	56.8	64.5	53.7	78	1887	41	1912	18	96	3.78	—	—	
Birr Castle	1015.1	54.7	65.4	50.8	81	1911	35	1885, 1887	19	97	3.81	—	—	
Donaghadee	1013.2	54.5	61.1	51.9	78	1899	38	1886	19	84	3.32	—	—	
Liverpool (Observatory)	1014.0	56.7	65.0	53.9	87	1911	44	1885	17	78	3.08	—	—	
Holyhead	1014.0	57.5	63.4	54.0	86	1914	45	1888	17	81	3.18	—	—	
Pembroke (St. Ann's Hd.)	1014.8	57.4	62.8	55.1	82	1911	46	1912	16	80	3.15	—	—	
Selly (St. Mary's)	1015.8	58.7	65.0	56.6	76	1911	48	1912	16	67	2.62	—	—	
Falmouth	1016.3	58.4	65.4	55.1	77	1909	44	1890	16	83	3.25	—	—	
Jersey (St. Aubin's)	1017.0	61.2	68.8	57.1	89	1893	45	1890, 1909	14	62	2.44	—	—	
Portland Bill	1015.6	59.6	65.2	56.5	81	1911	47	1912	12	54	2.12	—	—	
Dungeness	1015.4	59.7	67.3	55.3	82	1904	39	1890	13	50	1.98	—	—	
Dover	1015.6	59.9	67.3	54.2	89	1911	44	1913	14	58	2.27	—	—	
Wick	1011.2	52.6	60.6	48.2	85	1891	30	1886	21	70	2.75	—	—	
Nairn	1011.4	53.2	61.7	48.7	86	1899	33	1885, 91, 1904	19	61	2.41	—	—	
Aberdeen	1012.2	54.5	62.4	49.9	81	1882, 99, 1905	33	1885	18	70	2.74	—	—	
Leith	1012.4	55.5	65.4	51.2	81	1893, 1906	38	1881, 1892	17	75	2.94	—	—	
Tynemouth	1013.2	55.5	64.2	51.1	81	1893	38	1912	16	70	2.75	—	—	
Spurn Head	1013.7	57.7	65.1	54.4	87	1893	45	1902	14	54	2.11	—	—	
Yarmouth	1014.7	58.1	66.3	54.2	85	1891	41	1902	14	61	2.47	—	—	
Clacton-on-Sea	1015.1	59.1	67.5	54.9	84	1911	43	1908, 1915	14	47	1.86	—	—	
Nottingham	1014.5	55.8	68.4	51.2	94	1911	37	1908	16	61	2.49	—	—	
LONDON (Kew Obsy.)	1015.8	58.0	67.7	53.5	94	1911	41	1890	13	57	2.24	—	—	

Lerwick	1010.4	52.4	57.1	48.4	81	1910	38	1885, 95, 1909	20	76	3.01	—	—
Stornoway	1011.4	53.3	60.0	49.0	75	1897, 1899	33	1888	22	101	3.97	—	—
Castletown (Barra Isd.)	1012.1	55.0	61.8	51.2	75	1911	44	1912	18	81	3.27	—	—
Eskaudemuir	1014.0	51.8	61.8	46.5	79	1914	31	1912	18	79	4.79	—	—
Malin Head	1013.8	55.0	61.0	52.8	80	1900	42	1912	21	90	3.52	—	—
Blackod Point	1014.0	50.6	62.1	53.4	78	1899, 1911	42	1887, 88, 1912	21	80	4.58	—	—
Valencia	1014.9	57.1	63.9	51.9	81	1899	42	1890, 1912	22	122	4.79	—	—
Roche's Point	1015.3	56.8	64.5	53.7	78	1887	41	1912	18	96	3.78	—	—
Birr Castle	1015.1	54.7	65.4	50.8	81	1911	35	1885, 1887	19	97	3.81	—	—
Donaghadee	1013.2	54.5	61.1	51.9	78	1899	38	1886	19	84	3.32	—	—
Liverpool (Observatory)	1014.0	56.7	65.0	53.9	87	1911	44	1885	17	78	3.08	—	—
Holyhead	1014.0	57.5	63.4	54.0	86	1914	45	1888	17	81	3.18	—	—
Pembroke (St. Ann's Hd.)	1014.8	57.4	62.8	55.1	82	1911	46	1912	16	80	3.15	—	—
Selly (St. Mary's)	1015.8	58.7	65.0	56.6	76	1911	48	1912	16	67	2.62	—	—
Falmouth	1016.3	58.4	65.4	55.1	77	1909	44	1890	16	83	3.25	—	—
Jersey (St. Aubin's)	1017.0	61.2	68.8	57.1	89	1893	45	1890, 1909	14	62	2.44	—	—
Portland Bill	1015.6	59.6	65.2	56.5	81	1911	47	1912	12	54	2.12	—	—
Dungeness	1015.4	59.7	67.3	55.3	82	1904	39	1890	13	50	1.98	—	—
Dover	1015.6	59.9	67.3	54.2	89	1911	44	1913	14	58	2.27	—	—
Wick	1011.2	52.6	60.6	48.2	85	1891	30	1886	21	70	2.75	—	—
Nairn	1011.4	53.2	61.7	48.7	86	1899	33	1885, 91, 1904	19	61	2.41	—	—
Aberdeen	1012.2	54.5	62.4	49.9	81	1882, 99, 1905	33	1885	18	70	2.74	—	—
Leith	1012.4	55.5	65.4	51.2	81	1893, 1906	38	1881, 1892	17	75	2.94	—	—
Tynemouth	1013.2	55.5	64.2	51.1	81	1893	38	1912	16	70	2.75	—	—
Spurn Head	1013.7	57.7	65.1	54.4	87	1893	45	1902	14	54	2.11	—	—
Yarmouth	1014.7	58.1	66.3	54.2	85	1891	41	1902	14	61	2.47	—	—
Clacton-on-Sea	1015.1	59.1	67.5	54.9	84	1911	43	1908, 1915	14	47	1.86	—	—
Nottingham	1014.5	55.8	68.4	51.2	94	1911	37	1908	16	61	2.49	—	—
LONDON (Kew Obsy.)	1015.8	58.0	67.7	53.5	94	1911	41	1890	13	57	2.24	—	—

Lerwick	1015.5	49.7	54.6	46.5	69	1898	34	1887, 1888	20	76	3.01	—	—
Stornoway	1016.5	50.4	57.7	46.2	77	1906	32	1885, 1904	21	100	3.95	—	—
Castletown (Barra Isd.)	1016.3	52.8	59.9	50.2	68	1914	39	1915	16	80	3.75	—	—
Eskaudemuir	1017.9	46.3	58.1	41.6	71	1914	27	1910, 11, 14, 15	12	60	3.16	—	—
Malin Head	1016.9	52.9	58.9	50.6	84	1906	38	1886	17	67	2.62	—	—
Blackod Point	1017.6	54.6	60.1	51.1	78	1898	39	1899	19	99	3.88	—	—
Valencia	1018.4	54.1	61.8	51.3	79	1898, 1906	45	1899	18	105	4.14	—	—
Roche's Point	1019.1	54.6	61.8	51.4	71	1895, 1906, 11, 13	39	1893	16	75	2.97	—	—
Birr Castle	1018.5	50.9	62.1	47.0	80	1906	29	1899	15	58	2.29	—	—
Donaghadee	1018.3	52.2	60.3	49.4	75	1906	36	1882, 94, 99, 1909	16	61	2.39	—	—
Liverpool (Observatory)	1018.9	52.6	61.4	50.7	87	1906	39	1885, 1914, 15	15	61	2.41	—	—
Holyhead	1018.5	54.9	61.0	51.8	77	1898	41	1912	15	68	2.68	—	—
Pembroke (St. Ann's Hd.)	1018.6	54.7	60.8	52.8	74	1895	40	1885	14	69	2.71	—	—
Selly (St. Mary's)	1018.5	56.6	62.5	54.7	74	1911	44	1885, 88, 1912	15	62	2.45	—	—
Falmouth	1019.3	55.1	62.1	52.7	75	1906	39	1885	15	74	2.91	—	—
Jersey (St. Aubin's)	1019.3	57.7	66.0	54.6	89	1906, 1911	41	1891	14	61	2.41	—	—
Portland Bill	1018.7	56.8	62.9	54.1	75	1911	42	1915	12	48	1.88	—	—
Dungeness	1018.4	55.5	64.1	52.0	81	1906	32	1885	13	52	2.05	—	—
Dover	1018.5	55.4	63.8	50.9	87	1911	38	1915	12	50	1.96	—	—
Wick	1016.2	50.1	57.8	45.9	78	1898	29	1885, 87, 1907	19	64	2.50	—	—
Nairn	1016.7	48.9	60.4	44.9	84	1906	25	1892	17	56	2.20	—	—
Aberdeen	1017.5	50.6	59.2	46.7	82	1906	30	1887	17	56	2.22	—	—
Leith	1017.8	51.2	61.8	47.6	81	1898	33	1886, 1905	15	45	1.76	—	—
Tynemouth	1018.1	51.2	60.7	47.8	88	1906							

\* Results for 30 years, 1886-1915.

† " " 16 " 1900-1915.

‡ " " 15 " 1901-1915.

4 Results for 9 years, 1907-1915.

5 " " 8 " 1908-1915.

6 " " 6 " 1910-1915.

7 Results for 5 years, 1911-1915.

8 " " 2 " 1914-1915.



SUPPLEMENT TO THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.  
SUMMARY OF METEOROLOGICAL OBSERVATIONS AT SELECTED STATIONS ISSUED ON THE 1st DAY OF EACH MONTH.

Notes on the Weather of AUGUST, 1920.

A prominent feature of the month was the prolonged spell of cold weather broken by a few occasions upon which temperature just touched or slightly exceeded the normal maximum. In respect of these and the low aggregate rainfall, weather in the London area compared favourably with August 1912 although the extreme minimum (41° on 21st) at Kew Observatory was a few degrees lower. Both there and at Falmouth temperature fell approximately as low as in 1890. In the cold northerly current prevailing over the British Isles about the 18th to 20th readings 10° or 15° below normal were recorded in the upper air: near Andover temperature was as low as 10° F at a pressure of 650 mb. on the morning of the 20th.

In many parts, though the weather was dull and comparatively sunless, rainfall was well below the average: the total for the month was only 23mm. at Nottingham. In some other districts, however, there was an excess which was due, at least in some cases, to a very heavy fall on one day amounting to more than half the total for the month. On 17th., for example, a depression crossed the North of Ireland and borders of England and Scotland causing 71mm. and 72mm. of rain at Renfrew and Leith respectively.

The few thunderstorms reported occurred mainly in the early part of the month; towards the end anticyclonic conditions favoured the development of mist or fog.

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.	23	9	12	2	0	0
5,000		11	3	7	1	0	0
10,000		6	2	4	0	0	0
15,000		3	2	1	0	0	0
2,000	Lympe.	59	10	41	8	0	0
5,000		30	5	19	6	0	0
10,000		6	1	2	3	0	0
15,000		1	0	1	0	0	0
2,000	Eskdalemuir.	39	19	19	1	0	0
5,000		22	11	10	1	0	0
10,000		11	4	7	0	0	0
15,000		7	1	6	0	0	0

UPPER AIR TEMPERATURE.

MINIMUM SURFACE HUMIDITY.

No. of Days with Minima between Fixed Limits.

Pressure.	Normal Height.	Normal Temperature.	BALDONNEL.		SHOEBURYNES.		S. FARNBORO'.		ANDOVER.		Station.	No. of Days with Minima between Fixed Limits.							
			Mean.	No. of Reports.	Mean.	No. of Reports.	Mean.	No. of Reports.	Mean.	No. of Reports.		95-100 %	90-94 %	80-89 %	70-79 %	60-69 %	50-59 %	40-49 %	30-39 %
mb.	feet.	° F.	° F.		° F.		° F.		° F.		Renfrew ...	0	0	7	8	7	8	1	0
850	1870	54°	51°	24	52°	5	51°	3	50°	17	Eskdalemuir ...	0	0	2	5	5	7	12	0
800	4890	45°	45°	22	43°	5	44°	3	44°	16	Valencia ...	0	0	5	8	17	1	0	0
750	8270	37°	38°	20	36°	4	39°	2	37°	17	Falmouth ...	0	0	1	6	14	10	0	0
700	12040	27°	29°	20	23°	2	*	*	29°	10	Aberdeen ...	0	1	1	3	9	8	8	1
											Leith ...	0	1	1	10	1	11	7	0
											Benson ...	0	1	3	2	12	13	0	0
											London (Kew Obs.)	0	0	1	3	12	12	3	0

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

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
Renfrew	*	*	*	*	*	*	*	*	*	*	0	0	1	3	8	4	7	7	1	0	0	0	0	1	4	5	5	6	10	0	0	0	0	2	2	4	4	7	11	1
Eskdalemuir	0	0	2	4	0	5	10	8	2	0	0	1	1	0	2	3	8	10	5	1	0	0	0	0	2	0	9	10	10	0	0	0	0	0	0	4	3	14	10	0
Valencia	*	*	*	*	*	*	*	*	*	*	0	0	0	0	1	3	5	3	16	3	0	0	0	0	0	0	1	7	18	5	0	0	0	0	0	1	3	5	19	3
Baldonnel	0	2	0	3	6	9	8	3	0	0	0	0	2	4	2	5	8	8	2	0	0	0	0	1	4	6	7	12	1	0	0	0	0	1	4	6	8	12	0	0
Manchester (Alex. Pk.)	*	*	*	*	*	*	*	*	*	*	0	1	7	4	10	7	1	1	0	0	0	1	1	4	6	8	5	3	3	0	0	0	1	4	6	8	4	3	5	0
Falmouth	0	0	0	0	1	3	12	12	3	0	0	0	0	0	1	5	8	13	4	0	0	0	0	1	1	3	6	8	12	0	0	0	0	2	2	4	4	5	14	0
Lympe	0	0	0	0	2	3	6	2	18	0	0	0	0	1	2	6	5	2	15	0	0	0	0	0	0	2	4	4	21	0	0	0	0	0	1	7	1	4	16	2
Aberdeen	0	0	2	1	0	1	10	2	15	0	0	0	0	2	1	6	10	3	9	0	0	0	0	1	0	1	7	4	18	0	0	0	0	0	2	4	7	15	3	
Leith	*	*	*	*	*	*	*	*	*	*	0	0	1	4	2	1	7	4	12	0	0	0	0	0	1	4	4	5	17	0	0	0	0	0	2	0	6	5	18	0
Benson	0	0	0	0	0	20	9	2	0	0	0	0	0	0	3	14	3	10	1	0	0	0	0	0	1	7	6	12	5	0	0	0	0	0	7	4	11	9	0	
London (Kew Obs.)	*	*	*	*	*	*	*	*	*	*	0	0	3	3	6	10	3	5	1	0	0	0	0	3	2	8	7	10	1	0	0	0	0	2	5	6	6	5	6	1
London	*	*	*	*	*	*	*	*	*	*	0	0	2	1	4	11	5	2	5	1	0	0	0	0	0	8	6	3	13	1	0	0	0	0	1	12	4	2	11	1
London	0	0	0	3	3	12	11	2	0	0	0	0	2	4	7	2	6	9	1	0	0	0	0	0	2	3	7	11	8	0	0	0	0	0	1	3	6	14	7	0

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

0. Dense fog.	Objects not visible at 50 metres (or yards)	4. Poor.	Objects not visible at 4,000 metres (or yards)	7. Good.	Objects not visible at 20,000 metres (12.4 miles)
1. Very Bad.	200 "	5. Indifferent.	7,000 "	8. Very Good.	Objects visible beyond 20,000 "
2. Bad.	1,000 "	6. Fair.	12,000 "	9. Excellent.	Exceptional visibility.
3. Very Poor.	2,000 "				



# SUMMARY OF RECORDS OF TEMPERATURE, SUNSHINE AND RAINFALL, AUGUST, 1920.

Equivalents of Temperature. A°. F°.	TEMPERATURE.				Number of Ground Frosts.	SUNSHINE.				RAINFALL.																											
	Number of daily readings within fixed limits.					Number of days with duration.	Hours.	Date.	Maximum Duration.	Total for past 12 months.	Difference from Average.	Total for month.	Difference from Average.	Number of days with amount.	Days with Thunder.	Days with Snow or Sleet.																					
Maximum.		Minimum.		Coldest Day and Warmest Night.		Number of days with duration.		Hours.		Date.		Maximum Duration.		Total for past 12 months.		Difference from Average.		Total for month.		Difference from Average.		Number of days with amount.		Days with Thunder.		Days with Snow or Sleet.											
Below 291 A		291 - 295 A		296 - 300 A		Above 300 A		Below 279 A		279 - 283 A		284 - 288 A		Above 288 A		Lowest Maximum.		Highest Minimum.		Date.		Maximum Duration.		Total for past 12 months.		Difference from Average.		Total for month.		Difference from Average.		Number of days with amount.		Days with Thunder.		Days with Snow or Sleet.	
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## AIR MINISTRY.

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

BRITISH SECTION.

No. 84157.

Sunday, 1st August, 1920.

## OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.

STATIONS	Barom. at M.S.L. mb.	Change in 3 hours	Wind. Direc. Force 0-12.	Weather	Temp. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Form.	Sea 0-9.	Barom. at M.S.L. mb.	Change in 3 hours	Wind. Direc. Force 0-12.	Weather	Temp. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Form.	Sea 0-9.				
13H. G.M.T. 31st July																										
Rentrev	1007.1	-2	SW	4	0	59	65	7	3,000	Str	10	1005.0	-2	SSW	4	0	57	75	7	4,200	Str	9	-			
Eskdalemuir	1008.2	-1	SSW	3	0	54	85	4	1,250	Str	10	1005.8	-2	SW	3	0	55	75	8	Str	9	-	-			
Valencia (Cairn)	1010.6	-2	SW	3	0	57	75	8	3,000	Str	10	1008.5	-3	S	4	0	57	85	8	2,000	Str	10	-			
Baldonnel	1010.8	-1	W	3	0	57	75	8	2,000	Str	10	1007.6	-3	WSW	3	0	58	85	7	2,000	Str	10	-			
Didsbury	1008.8	-2	S	4	0	66	55	7	5,700	Str	8	1007.7	0	W	3	0	61	75	6	4,200	Str	8	-			
Ross on Wye	1009.1	-2	SW	3	0	69	75	8	3,000	Str	8	1007.5	-2	W	3	0	69	65	8	4,200	Str	3	-			
Falmouth	1011.0	-1	WSW	3	0	62	75	6	6	WSW	6	1010.5	0	WSW	3	0	60	85	5	-	Str	4	-			
Calshot (Hants)	1010.4	-2	SW	3	0	65	85	8	1,250	Str	9	1009.4	-2	WSW	3	0	61	97	7	750	Str	10	-			
Lymington (Falkstone)	1010.5	-2	SE	2	0	63	85	8	3,000	Str	4	1007.4	-2	SW	3	0	63	92	8	2,000	Str	7	-			
Aberdeen	1006.8	-2	SSW	3	0	59	65	6	-	Str	9	1004.7	-2	S	2	0	57	75	5	-	Str	8	-			
Howden	1009.1	-2	S	2	0	67	55	7	4,200	Str	4	1006.1	-3	S	2	0	64	92	7	3,000	Str	7	-			
Cranwell (Lines)	1010.4	-2	SSW	3	0	67	55	7	4,200	Str	6	1008.8	-3	S	3	0	68	65	6	4,200	Str	4	-			
Felixstowe	1011.0	-2	SE	3	0	67	65	7	7,200	Str	2	1010.0	-1	SSW	3	0	64	92	6	7,200	Str	4	-			
Shoeburyness	1010.6	-1	ENE	2	0	66	65	6	5,700	Str	1	1008.9	-4	ENE	2	0	65	85	6	4,200	Str	3	-			
Benson	1009.2	-1	S	1	0	65	85	5	-	Str	10	1007.9	-1	WSW	2	0	67	75	6	-	Str	4	-			
S. Farnborough	1009.9	-2	SE	1	0	67	75	7	1,250	Str	7	1008.5	-2	SSW	2	0	66	85	7	1,250	Str	5	-			
London (New Obs.)	1009.6	-3	SE	2	0	69	65	6	2,000	Str	5	1008.1	-2	SW	1	0	70	65	8	3,000	Str	5	-			
Croydon	1010.5	-1	-	0	0	67	65	6	2,000	Str	8	1009.1	-1	SW	3	0	67	75	8	3,000	Str	3	-			
1H. G.M.T. OF 1st August																										
Rentrev	1008.8	-4	SSW	3	0	52	97	6	2,000	Nb	10	1001.5	0	SW	4	0	54	88	7	2,000	Str	3	-			
Eskdalemuir	1009.7	+2	WSW	3	0	56	-	-	-	-	-	1002.0	0	WSW	4	0	51	85	6	2,000	Str	9	-			
Valencia (Cairn)	1009.0	-1	SSW	4	0	53	92	6	2,000	Str	9	1001.1	+2	WSW	4	0	56	85	8	2,000	Str	9	-			
Baldonnel	1008.5	-1	SSW	4	0	53	92	6	2,000	Str	9	1006.5	+2	SSW	4	0	54	85	6	2,000	Str	4	-			
Didsbury	1008.1	-1	SW	4	0	53	92	6	2,000	Str	9	1006.1	-1	SW	4	0	53	92	5	2,000	Str	10	-			
Ross on Wye	1011.0	0	H	2	0	54	85	8	-	Str	10	1008.0	0	WSW	3	0	57	75	7	4,200	Str	4	-			
Falmouth	1009.8	0	H	3	0	58	92	8	2,000	Str	9	1011.2	0	SW	3	0	58	85	6	-	Nb	4	-			
Calshot (Hants)	1008.5	-1	SW	4	0	58	97	6	4,500	Str	10	1001.1	0	SW	3	0	58	85	8	2,000	Str	10	-			
Lymington (Falkstone)	1008.1	-1	SW	4	0	58	97	6	4,500	Str	10	1008.7	0	SW	4	0	58	97	7	4,500	Str	9	-			
Aberdeen	1008.1	-1	-	0	0	54	92	5	1,200	Str	3	1000.1	-1	SSW	2	0	58	75	7	-	Str	1	-			
Howden	1007.4	0	W	2	0	54	92	5	3,000	Str	3	1008.5	0	SSW	1	0	53	92	5	2,000	Str	10	-			
Cranwell (Lines)	1007.4	0	W	2	0	54	92	5	3,000	Str	3	1000.9	-1	W	4	0	54	92	7	3,000	Str	4	-			
Felixstowe	1008.0	0	WSW	2	0	60	75	7	2,000	Nb	2	1008.0	0	WSW	2	0	60	75	7	2,000	Nb	2	-			
Shoeburyness	1008.3	0	SW	2	0	55	85	6	-	Str	10	1008.3	0	SW	2	0	55	85	6	-	Str	10	-			
Benson	1008.9	+1	WSW	3	0	57	85	7	2,000	Str	4	1008.9	+1	WSW	3	0	57	85	7	2,000	Str	4	-			
S. Farnborough	1009.0	-2	SW	3	0	59	97	6	3,000	Str	10	1009.0	+1	WSW	2	0	57	85	8	2,000	Str	9	-			
London (New Obs.)	1009.0	-2	SW	3	0	59	97	6	3,000	Str	10	1009.5	0	W	3	0	56	85	7	3,000	Str	7	-			
Croydon	1009.0	-2	SW	3	0	59	97	6	3,000	Str	10	1009.5	0	W	3	0	56	85	7	3,000	Str	7	-			
STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.																										
STATIONS	Barom. at M.S.L. mb.	Temp. °F.	Wind. Direc. Force 0-12.	Weather	Barometer at M.S.L. mb.	Change in 3 hours	Temperature °F.	Change in 24 hours	Wind. Direc. Force 0-12.	Dirac. of Upper Cloud.	Weather	Sea 0-9.	Rainfall mm.	Temp. Max. °F.	Temp. Min. °F.	Morning.	Afternoon.	Night.	Sunshine Hours.							
13H. G.M.T. of 31st July																				7H. G.M.T. of 1st August			24 HOURS ENDED 7H. 1st August			31st July
Larwick	1004.0	57	S	4	bc	999.0	-3	53	4	S	5	0	0	58	51	cm	cm	cm	0.9							
Stornoway	999.2	54	S	6	bc	994.6	0	52	-1	S	4	0	0	58	49	cm	cm	cm	0.1							
Castellbay (Barra)	999.7	55	SSW	5	bc	997.0	0	54	-1	WSW	5	0	0	56	52	cm	cm	cm	0.1							
Malin Head	1002.6	56	SW	3	c	1000.1	0	53	-1	N	4	0	0	59	48	c	c	c	0.6							
Roche's Point	1003.1	55	SW	3	0	1000.3	0	54	-1	W	4	0	0	58	49	cm	cm	cm	0.6							
Bar Castle	1010.1	55	SW	3	0	1010.2	0	53	-2	WSW	2	0	0	60	52	0	0	0	0.1							
Donaghadee	1006.7	59	SW	2	0	1006.8	0	53	-1	SW	1	0	0	60	50	0	0	0	0.1							
Liverpool (Bishop)	1006.3	60	SW	2	CV	1004.4	+2	52	-3	W	3	0	0	62	48	bc	bc	bc	0.6							
Holyhead	1007.6	58	W	2	0	1008.0	0	56	-1	W	4	0	0	60	53	bc	bc	bc	0.6							
Woolwich	1007.8	57	SW	4	0	1008.0	+1	55	-1	W	5	0	0	62	53	bc	bc	bc	0.6							
Woolwich (St. Mary's)	1010.2	58	WSW	2	bc	1009.3	-1	56	-1	W	3	0	0	61	55	bc	bc	bc	0.6							
Woolwich (St. Andrew's)	1012.2	57	WSW	3	c	1011.2	+1	56	+1	WSW	3	0	0	62	54	bc	bc	bc	0.6							
Woolwich (St. John's)	1011.8	60	WSW	3	0	1012.6	0	59	-3	W	3	0	0	63	56	bc	bc	bc	0.6							
Woolwich (St. George's)	1009.1	60	WSW	5	bc	1009.9	+3	58	-1	N	5	0	0	61	55	bc	bc	bc	0.6							
Woolwich (St. David's)	1009.4	62	SW	3	c	1008.3	0	60	0	WSW	4	0	0	66	58	bc	bc	bc	0.6							
Woolwich (St. Peter's)	1000.8	56	S	2	bc	996.5	0	55	0	SW	2	0	0	59	52	bc	bc	bc	0.6							
Woolwich (St. James's)	1001.8	59	SW	2	c	997.2	0	54	-1	SW	3	0	0	65	49	bc	bc	bc	0.6							
Woolwich (St. Michael's)	1002.4	61	SW	1	c	1000.9	0	54	-1	SW	2	0	0	63	53	bc	bc	bc	0.6							
Woolwich (St. Nicholas)	1005.8	56	S	2	om	1003.1	0	53	-3	SW	2	0	0	62	50	bc	bc	bc	0.6							
Woolwich (St. Paul's)	1007.2	59	ENE	4	bc	1005.9	0	55	0	SW	2	0	0	64	52	bc	bc	bc	0.6							
Woolwich (St. Vincent)	1009.8	60	S	3	c	1007.7	-1	58	4	WSW	2	0	0	65	57	bc	bc	bc	0.6							
Woolwich (St. George's)	1009.0	63	SE	3	0	1007.8	0	59	+2	W	3	0	0	67	58	bc	bc	bc	0.6							
Woolwich (St. Andrew's)	1006.6	67	S	1	c	1007.9	0	54	-1	SW	2	0	0	70	49	bc	bc	bc	0.6							

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ For code see page 3



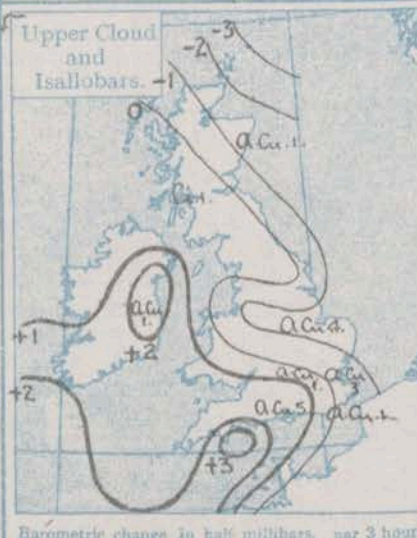
# SUMMARY OF CONDITIONS AT 7 h.G.M.T. 1.8.1920.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Dull, slight local mist.	Good.	Slight.
2. E. England	Dull.	"	Smooth.
3. E. Midlands	Dull.	"	"
4. W. Midlands	Fair to overcast.	Fair.	"
5. S.W. England	Dull, local drizzling rain	Fair.	Slight.
6. South Wales	Cloudy.	"	"
7. North Wales	Fair or cloudy.	"	Mod.
8. N.W. England	Fair to overcast, local	"	"
9. N. Midlands	Overcast local mist	Indiff.	"
10. N.E. England	Dull, misty, slight local	"	Smooth.
11. E. Scotland	Fair or fine. rain.	Good.	"
12. S.W. Scotland	Fair to overcast.	"	Slight.
13. Isle of Man	Cloudy.	Fair.	Mod.
14. N. & N.W. Scotland	Fair or fine.	"	Slight.
15. Hebrides	Fair.	"	Mod.
16. Orkneys and Shetlands	Overcast, some rain & mist.	Indiff.	Slight.
17. N.W. Ireland	Cloudy, local showers.	Fair.	Mod.
18. N.E. Ireland	Fair generally.	"	Smooth.
19. S.E. Ireland	Fair to overcast.	"	"
20. S.W. Ireland	Overcast.	Good.	Slight.

Temperature reported from Coastal and Cross Channel Steamers.

Position Number	Date	Time G.M.T.	Sea ° F	Air ° F
12.	31 <sup>st</sup>	04.00.	53	53
3	31 <sup>st</sup>	09.15	55	57
1	31 <sup>st</sup>	11.30	58	65
2	1 <sup>st</sup>	01.00	55	55
7	1 <sup>st</sup>	02.05	59	58

CHART OF POSITION NUMBERS



GENERAL INFERENCE from observations received up to 9h.G.M.T

The depression off our North-West coasts is moving South-Eastward. The main disturbance or secondaries will maintain unstable conditions for the next day or two but considerable bright intervals are probable, especially in the Southern districts.

EXPLANATION.  
 BAROMETER.—Isobars are drawn at intervals of two millibars.  
 WIND.—Direction is shown by a flying with the wind force in degrees 0-12. Is indicated by the number of feathers. Mean velocity in miles per hour by figure in degrees.  
 TEMPERATURE.—Isobars are drawn at intervals of two degrees.  
 WEATHER SYMBOLS.—  
 ☉ clear sky.  
 ☁ sky & clouds.  
 ☂ overcast sky.  
 \* snow. \* hail. \* thunder.  
 T thunder.  
 SEA DISTURBANCE.—  
 Rough.

Further Outlook.

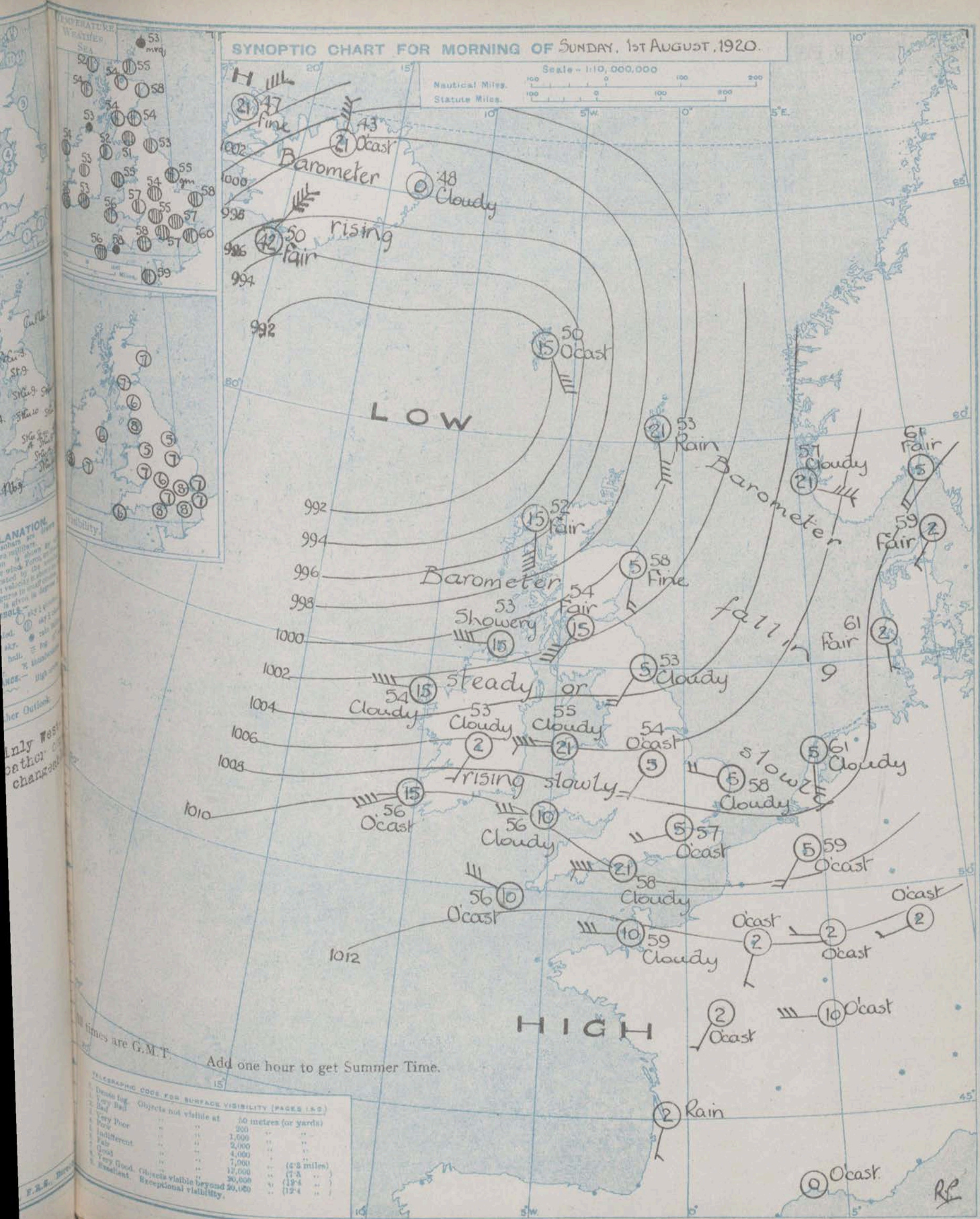
Districts.	Forecasts for the 24 hours commencing 15h.G.M.T. Sunday, 1st August, 1920.
1. S.E. England	Moderate Westerly winds, fresh locally; cloudy, local showers, risk of thunder, bright intervals; visibility good; moderate temperature.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Wind mainly South-West, moderate; cloudy, some rain or showers, perhaps thunder; visibility good; moderate temperature.
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	Wind South to South-West, moderate or fresh; cloudy or overcast, some rain; visibility mainly good; moderate temperature.
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	As for 1 - 10,
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Wind mainly West-erly; weather timing changes.



# SYNOPTIC CHART FOR MORNING OF SUNDAY, 1st AUGUST, 1920.

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



times are G.M.T. Add one hour to get Summer Time.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)

Objects not visible at	50 metres (or yards)
Dense fog	200
Very Bad	1,000
Bad	2,000
Very Poor	4,000
Poor	7,000
Indifferent	12,000
Fair	20,000
Good	30,000
Very Good	40,000
Excellent	50,000

RP



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 214.

Sunday.  
1st August

### WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 31st July.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-21h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-21h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.
Oban ... ..	op.	o.	58	50	4	0.3	0.1	0.8	Douglas (I.O.M.)	o.	o.	62	52	0.3	0.3	2.7	4.0
Banff ... ..	o.c.	c.o.	63	53	-	-	1.8	8.0	Blackpool ... ..	o.	c.	65	52	-	-	1.6	5.8
Montrose ... ..	c.	c.	62	52	-	-	0.7	9.7	Southport ... ..	o.c.o.	op.bc.b	66	50	-	-	3.0	-
St. Andrews ... ..									Buxton ... ..	c.b.	c.	70	48	-	-	3.0	1.0
Harrogate ... ..	bc.b	bc.o.o	68	46	-	-	4.8	5.8	Leamington Spa ... ..	c.	c.bc	69	52	-	-	2.4	0.8
Scarborough ... ..	b.	b.	72	51	-	-	7.2	4.8	Malvern ... ..	c.	c.bc	70	58	-	-	2.4	0.0
Skewness ... ..									Bath ... ..	o.	bc.c.op	70	58	-	-	2.4	0.0
Lowestoft ... ..	bc.2	bc.	63	53	-	-	9.9	0.6	Rhyl ... ..								
Felixstowe ... ..	bc.c.	bc.c.	70	54	0.1	-	4.7	0.0	Colwyn Bay ... ..	c.	c.b.	62	54	-	-	3.0	1.8
Southend-on-Sea ... ..	bc.c.	bc.c.	70	54	0.1	-	4.7	0.0	Llandudno ... ..	c.	c.b.	62	52	1	-	5.0	2.0
Tunbridge Wells ... ..	o.	o.	69	56	-	-	0.3	0.0	Aberystwyth ... ..	o.c.	b.bc.	66	55	1	-	5.3	2.4
Margate ... ..	c.bc.b	c.o.	66	58	-	-	1.8	0.0	Tenby ... ..	o.c.	bc.	66	55	1	-	5.3	2.4
Ramsgate ... ..	bc.	bc.	68	56	-	-	3.5	0.5	Swansea ... ..	o.c.	bc.	66	55	1	-	5.3	2.4
Folkestone ... ..	bc.	bc.	68	57	-	-	5.1	0.0	Weymouth ... ..	o.	o.c.o	69	59	0.2	-	1.0	0.0
Hastings ... ..	o.c.bc.b	bc.o.c	67	58	0.2	-	3.0	0.0	Teignmouth ... ..	o.c.bc	c.bc.b	69	59	0.4	0.1	3.5	0.0
Eastbourne ... ..	bc.	bc.c.o	67	57	0.1	-	4.6	0.0	Torquay ... ..	o.c.bc	c.bc.b	69	59	0.4	0.1	3.5	0.0
Brighton ... ..	o.c.	bc.c.o	68	59	-	-	3.0	0.6	Paignton ... ..	o	bc.b	70	57	0.3	-	-	-
Worthing ... ..	o.c.	bc.c.o	68	59	-	-	3.0	0.6	Penzance ... ..								
Littlehampton ... ..	o.c.	bc.c.o	66	61	-	-	3.8	0.0	Newquay ... ..								
Portsmouth (Sthsea) ... ..	o.	o.	68	59	-	-	3.5	0.0	Bude ... ..	d.	o.	61	55	3	1	0.0	0.0
Bournemouth ... ..	o.	o.	65	56	2	-	0.3	0.0	Ilfracombe ... ..	o.c.	c.bc.c.o	63	58	0.4	-	2.6	0.0
Ventnor (I. of W.) ... ..	o.	o.	64	57	1	-	0.6	0.0	Weston-s-Mare ... ..								

### SUMMARIES FOR PART 21 HOURS.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	7h-13h.	13h-19h.	Max. F.	Min. F.	Day. 7h-13h.	Night. 13h-19h.	Hours.	Hours.
Renfrew ... ..	o.	o.	62	51	0.1	0.1	2.2	2.2
Eskdalemuir ... ..	o.c.o.	c.o.	60	47	0.0	0.0	5.6	5.6
Valencia (Cahire) ... ..	o.	o.	58	54	0.0	0.0	0.0	0.0
Baldonnel ... ..	o.	o.	60	50	0.0	0.0	2.8	2.8
Didsbury ... ..	o.c.	o.	70	49	0.0	0.0	6.2	6.2
Ross on Wye ... ..	o.c.o.	c.o.	71	51	0.0	0.0	3.1	3.1
Falmouth ... ..	o.c.o.	c.o.	63	54	0.0	0.0	0.9	0.9
Caishot (Hants) ... ..	o.c.o.	c.o.	65	56	0.0	0.0	1.1	1.1
Lymington (Folkestone) ... ..	o.c.o.	c.o.	66	56	0.0	0.0	1.1	1.1
Aberdeen ... ..	bc.c.o	c.o.f.	61	53	0.0	0.0	5.3	5.3
Howden ... ..	bc.c.	c.o.	69	48	0.0	0.0	5.7	5.7
Cranwell (Lines) ... ..	bc.c.	c.o.	69	49	0.0	0.0	2.2	2.2
Felixstowe ... ..	bc.c.b	bc.c.	69	58	0.0	0.0	6.0	6.0
Shoeburyness ... ..	bc.c.b	bc.c.	72	53	0.0	0.0	1.8	1.8
Benson ... ..	bc.c.	c.o.	70	54	0.0	0.0	2.2	2.2
S. Farnborough ... ..	bc.c.	c.o.	71	56	0.0	0.0	2.2	2.2
London (New Obs.) ... ..	bc.c.	c.o.	71	56	0.0	0.0	2.2	2.2
Croydon ... ..	bc.c.	c.o.	70	56	0.0	0.0	2.2	2.2

### BEAUFORT NOTATION.

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.  
e wet air without rain falling.  
f fog.  
g gloom.  
h hail.  
i lightning.  
m mist.  
o overcast sky.  
p passing showers.  
q squalls.  
r rain.  
rs sleet, i.e., rain and snow together.  
s snow.  
t thunder.  
u ugly, threatening sky.  
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.

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

### THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.

Limits of Velocity at about 30 feet above ground.

No.	Statute miles per hour	Meters per second
0	Less than 1	Less than 0.3
1	1-3	0.3-0.8
2	4-7	0.8-1.9
3	8-13	1.9-3.4
4	14-18	3.4-5.0
5	19-24	5.0-6.7
6	25-31	6.7-8.5
7	32-38	8.5-10.7
8	39-46	10.7-12.8
9	47-54	12.8-14.9
10	55-63	14.9-17.7
11	64-75	17.7-20.8
12	Above 75	20.8 or above

### SYMBOLS.

Aurora Solar halo   
Rain Lunar halo   
Glazed frost Solar corona   
Glazed roads Lunar corona

### LONDON OBSERVATIONS.

	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		HUMIDITY %.	
	Morning.	Afternoon.	Night.	Max. F.	Min. F.	Min. in Grass. F.	From Fall. mm.	From Sunset. hours.	15 h. G.M.T.	9 h. G.M.T.
24 HOURS ENDED 9h G.M.T. 1st Aug.										
Greenwich (Royal Observatory)	o.c.o.	c.o.c	c.o.c	74	56	54	-	2.9	63	69
City (Sunhill Row)	o.	o.	o.	74	56	54	-	2.9	63	69
Westminster (St. James's Park)	o.	o.	o.	74	56	54	-	2.9	63	69
Admiralty Arch	bc.c.	c.o.c	c.o.c	72	57	54	trace	2.8	69	76
Camden Sq. (British Rainfall)	o.c.	c.o.c	c.o.c	75	55	53	-	6.0	72	72
Kensington Palace	o.c.	bc	bc	72	56	52	-	73 (18h)	74	74
Hampstead Observatory	o.c.o	c.o.c	c.o.c	69	54	54	0.3	2.4	71	71

### SOUTH KENSINGTON (Met. Office).

	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		HUMIDITY %.	
	Morning.	Afternoon.	Night.	Max. F.	Min. F.	Min. in Grass. F.	From Fall. mm.	From Sunset. hours.	15 h. G.M.T.	9 h. G.M.T.
24 HOURS ENDED 9h G.M.T. 1st Aug.										
Vertical Component of Solar Radiation per Square Centimetre during yesterday	Total 942									
Average Rate	10.9									
Maximum Rate	70									

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

Stations.	1st and 2nd August 1920.		1920.	
	Service.	Noon.	Sunrise.	Sunset.
Greenwich	4.13	12.53	4.45	7.45
Wick	4.24	12.6	4.55	7.55
Valencia	4.3	12.18	5.05	8.05

### Photographic Record of Pole Star (Polaris) and of 8 Ursae Minoris at Greenwich Observatory.

Exposure from 31st July 3.30 m. to 1st Aug. 2.30 m.			
Star.	Duration of Exposure.	Duration of Record.	%
Polaris	10 m.	10 m.	100
8 Ursae Minoris	10 m.	10 m.	100

### NOTES ON THE WEATHER OF YESTERDAY.

Rain again fell in many parts of the Kingdom but the amounts were generally small, 7 mm. at Holyhead being the largest measurement. A thunderstorm occurred during the night at Spurn Head and thunder was also heard at Nottingham. Sunshine amounts were very variable, the highest record being 10 hours at Yarmouth. Temperature reached 72° at Benson and Scarborough and 75° in London.

\* Information for these columns not usually received





## AIR MINISTRY.

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

BRITISH SECTION.

No. B. 21438

Monday, 2<sup>nd</sup> August, 1920.

## OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 12H.

STATIONS.	OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																											
	BAROM.		WIND.	WEATHER	TEMP.	HUMIDITY.	VISIBILITY.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea	BAROM.		WIND.	WEATHER	TEMP.	HUMIDITY.	VISIBILITY.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea		
	at M.S.L.	Change in 3 hours.							Form.	Amt. 0-10.	Form.	Amt. 0-10.		0-9.	at M.S.L.							Change in 3 hours.	Form.	Amt. 0-10.	0-9.			
	mb.		Dirac.	Force 0-12.	°F.	%	0-9.	Feet.							mb.		Dirac.	Force 0-12.	°F.	%	0-9.	Feet.						
13H. G.M.T.													18H. G.M.T. OF															
Renfrew ...	1002.1	0	SW	4	C	57	92	7	2,000	CuNB	8	-	-	4.	1002.4	0	SW	5	C	56	75	8	2,000	Cu	6	Cu	1	2.
Eskdalemuir ...	1003.1	0	WSW	5	C.	56	75	7	3,000	CuNB	8	-	-	4.	1003.3	+1	WSW	3	OP	58	92	7	2,000	NB	10	-	-	2.
Valencia (Cahire) ...	1010.8	0	SW	4	C.	60	75	8	3,000	Sc	8	-	-	4.	1010.8	0	WSW	3	O	57	75	8	4,200	Sc	10	-	-	3.
Baldonnell ...	1007.3	0	N	4	O.	58	85	6	1,250	Sc	8	Cu	1.	4.	1007.7	0	SW	5	C	57	85	7	4,200	Sc	4	Cu	3	2.
Didsbury ...	1006.9	+1	W	5	C.	64	55	7	2,000	Cu	5	Cu	1.	4.	1007.5	+1	W	4	C.	58	75	8	3,000	CuNB	6	Cu	2	2.
Ross on Wye ...	1008.8	+2	W	4	bc	65	55	9	5,700	Sc	4	-	-	4.	1010.0	-1	W	3	CV	62	65	9	3,000	Sc	8	-	-	2.
Falmouth ...	1013.3	+2	WSW	4	bc	62	65	8	-	Cu	3	ast	2.	4.	1011.0	0	W	3	b	61	65	8	-	Cu	1	Cu	1	2.
Calshot (Hants) ...	1010.0	0	WSW	5	C	62	75	8	3,000	Sc	3	Cu	4.	4.	1011.2	+1	WSW	3	bc	63	75	9	3,000	Cu	5	Cu	1	3.
Lymington (Folkestone) ...	1010.0	0	WSW	5	C	62	65	8	2,000	Sc	6	Cu	2.	4.	1010.5	0	WSW	5	b	61	75	8	3,000	Sc	1	-	-	2.
Aberdeen ...	999.7	-1	SW	3	b	66	35	8	-	Cu	2	Cu	1.	3	999.7	0	SW	4	b	64	45	8	-	Cu	3	-	-	3.
Howden ...	1005.7	+1	W	4	bc	63	65	6	3,000	Sc	5	-	-	4.	1006.4	0	WSW	3	bc	62	55	9	2,000	Sc	4	ast	2	2.
Cranwell (Lincoln) ...	1006.3	0	WSW	4	C	65	55	7	3,000	CuNB	5	Cu	3.	4.	1007.9	+1	W	4	bc	63	55	8	4,200	Cu	2	Cu	3	2.
Felixstowe ...	1008.7	0	SW	4	b	66	65	7	4,200	Cu	2	-	-	4.	1009.1	0	SW	4	bc	66	55	7	3,000	CuNB	5	-	-	2.
Shoeburyness ...	1008.1	-1	WSW	4	bc	69	65	8	-	Sc	4	-	-	4.	1009.4	+1	W	2	bc	64	65	8	-	Cu	4	-	-	2.
Benson ...	1009.0	-1	WSW	5	bc	69	55	8	2,000	Cu	6	Cu	2.	4.	1010.0	+1	W	2	bc	65	55	8	3,000	Cu	1	Cu	1	2.
S. Farnborough ...	1008.7	-2	SW	3	CV	66	55	8	2,000	Cu	8	-	-	4.	1010.1	+2	W	3	bc	66	55	9	5,700	Cu	4	-	-	2.
London (Kew Obs.) ...	1009.1	0	WSW	4	C	68	65	8	3,000	Sc	8	-	-	4.	1010.7	+2	W	4	bc	64	65	8	3,000	Cu	5	-	-	2.
Croydon ...																												
1H. G.M.T. OF													7H. G.M.T. OF															
Renfrew ...	1004.4	0	SW	4	C	49	92	7	-	CuNB	3	ast	5		1003.3	0	SW	4	oif	54	85	6	1,750	CuNB	3	Sc	6	2.
Eskdalemuir ...	1010.2	0	WSW	2	bc	49	92	7	-	-	-	-	-	5	1004.7	0	WSW	4	o	50	86	7	2,000	Sc	9	-	-	2.
Valencia (Cahire) ...	1010.2	0	WSW	2	bc	49	92	7	-	-	-	-	-	5	1009.8	0	W	2	o	56	75	8	3,000	Sc	8	Cu	1	3.
Baldonnell ...	1008.5	0	SSW	4	bc	51	92	7	-	-	-	Cu	6		1008.1	0	S	4	C	52	92	8	1,250	Sc	2	ast	4	2.
Didsbury ...															1018.2	0	SW	4	oif	55	85	5	4,200	Sc	8	-	-	2.
Ross on Wye ...															1018.5	+1	SW	2	o	54	92	7	2,000	Sc	7	Cu	2	2.
Falmouth ...	1013.4	-1	WSW	4	bc	56	85	4	750	NB	10	-	-	4.	1012.3	0	SW	5	oif	57	92	5	750	NB	10	-	-	2.
Calshot (Hants) ...	1013.0	0	W	3	b	55	85	8	-	-	-	Cu	3	2	1012.5	-1	SW	3	o	59	85	8	1,250	Sc	4	Sc	6	3.
Lymington (Folkestone) ...	1012.5	+2	WSW	4	b	50	92	8	4,200	Sc	1	Cu	2.	4.	1012.7	+1	SW	3	o	53	85	8	3,000	Sc	4	Cu	5	2.
Aberdeen ...															1001.9	+1	SSW	2	bc	55	75	7	4,200	Cu	1	Cu	1	2.
Howden ...	1007.4	0	-	0	bc	49	97	6	5,700	Sc	3	-	-	4.	1008.0	+1	SW	2	oif	54	85	5	5,700	Sc	5	Cu	3	2.
Cranwell (Lincoln) ...	1009.1	0	W	2	b	51	92	5	3,000	Sc	2	ast	4.	4.	1009.4	+1	WSW	3	C	54	85	7	4,200	Sc	6	ast	2	2.
Felixstowe ...															1012.5	+2	WSW	4	b	57	85	7	-	ast	1	ast	2	2.
Shoeburyness ...															1012.1	+1	WSW	2	bc	57	75	7	4,200	Sc	2	Cu	4	2.
Benson ...															1010.7	0	SSW	1	o	55	92	7	-	Sc	10	-	-	2.
S. Farnborough ...															1011.8	0	SW	3	o	56	85	6	2,000	NB	1	ast	9	2.
London (Kew Obs.) ...	1011.6	+1													1012.4	+1	SSW	3	ow	57	85	7	2,000	Sc	8	Cu	2	2.
Croydon ...	1012.3	-1	WSW	3	bc	53	85	6	-	-	-	ast	4.	4.	1012.9	+1	SSW	3	oif	56	85	7	4,200	Sc	5	ast	5	2.

## STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.

STATIONS.	BAROM. at M.S.L.	TEMP.	WIND.		Weather.	BAROMETR.		TEMPERATURE.		WIND.		Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours			
			mb.	°F.		Dirac.	Force 0-12.	Weather.	Dirac.	Force 0-12.	Temp. °F.					Change in 24 hours.	Dirac.	Force 0-12.	Max. °F.	Min. °F.		Morning.	Afternoon.	Night.
1 <sup>st</sup> H. G.M.T. of 1 <sup>st</sup>						2 <sup>nd</sup> H. G.M.T. of 2 <sup>nd</sup>						24 HOURS ENDED 7H. 2 <sup>nd</sup>						10 <sup>th</sup>						
Lerwick	999.6	57	S	2	bc	1000.5	+2	54	+1	S	2	S	C	2	4	57	49	C.M.P.	bc	bc	7.4			
Stornoway	994.6	64	WSW	6	bc	997.8	+1	54	+2	WSW	4	-	C	3	6	58	50	bc	bc	cp	7.4			
Castell Bay (Barra)	998.3	65	W	5	C	1000.3	+1	54	0	WSW	4	W	C	4	1	56	52	bc	bc	cp	7.6			
Malin Head	1001.8	56	W	5	C	1003.1	0	52	-1	W	3	W	op	4	6	57	50	C.P.	C.P.	cp	6.4			
Blackod Point	1004.8	66	W	4	C	1005.2	-1	53	-1	W	2	-	cm	3	1	60	50	C.P.	bc	bc	6.4			
Roche's Point	1010.7	60	W	4	bc	1010.3	0	54	+1	WSW	2	W	C	1	0.2	63	52	bc	bc	bc	6.4			
Birr Castle	1008.4	56	W	2	C	1008.1	0	53	0	SW	1	-	C	1	60	50	bc	bc	op	6.4				
Donaghadee	1004.0	61	W	4	bc	1005.5	0	53	+1	WSW	2	W	C	3	0.1	64	44	bc	bc	bc	6.4			
Liverpool (Midson)	1007.1	55	W	3	C	1007.8	0	55	0	WSW	2	SW	C	3	4	64	53	bc	bc	bc	8.5			
Holyhead	1007.6	57	SW	4	C	1008.0	0	55	0	WSW	4	-	C	3	1	61	53	bc	bc	bc	7.2			
Pembroke (St. Mary's)	1010.7	58	WSW	5	bc	1010.4	-0	56	0	WSW	3	-	C	3	-	59	55	bc	bc	bc	9.4			
Jersey (St. Aubin)	1014.4	60	W	3	bc	1012.3	-1	58	+2	WSW	3	W	C	4	0.1	63	56	bc	bc	bc	7.6			
Portland Bill	1014.8	63	W	4	bc	1015.2	0	58	+1	W	3	-	C	3	-	65	56	bc	bc	bc	6.8			
Dunnet Head	1011.5	60	W	5	bc	1012.1	-2	59	+1	WSW	5	W	C	4	-	63	55	bc	bc	bc	6.8			
Wick	1010.3	62	WSW	5	bc	1012.7	+1	58	-2	W	2	SW	C	2	-	66	58	bc	bc	bc	6.8			
Nairn	996.1	58	SSW	2	bc	997.7	+1	55	0	SW	2	-	bc	2	-	61	48	bc	bc	bc	14.6			
Leith	997.8	59	SSW	3	bc	999.8	0	53	-1	SW	1	-	C	1	-	65	49	bc	bc	bc	14.6			
Lytham	1000.9	60	SW	3	bc	1002.7	0	54	0	SW	2	SW	bc	2	-	63	51	bc	bc	bc	6.8			
Spurn Head	1003.7	62	SW	3	bc	1005.7	0	55	+2	SW	4	-	cm	1	trace	65	51	bc	bc	bc	6.8			
Yarmouth	1005.9	61	W	4	bc	1008.3	+1	56	+1	WSW	4	-	C	3	0.2	64	51	C.P.	C.P.	C	7.8			
Clacton-on-Sea	1007.0	63	WSW	2	bc	1010.8	0	55	-3	WSW	3	-	bc	2	-	69	51	C	bc	bc	5.7			
Nottingham	1007.7	62	W	4	bc	1011.8	+2	56	-3	WSW	3	NW	bc	2	3	69	52	bc	bc	bc	5.7			

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

§ For code see page 2



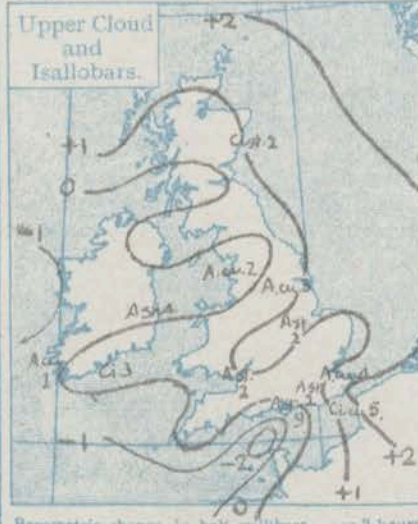
# SUMMARY OF CONDITIONS AT 7 h.G.M.T. 2.8.1920.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Cloudy or dull.	Good	smooth
2. E. England	Fair or fine.	"	"
3. E. Midlands	Fine to dull.	"	-
4. W. Midlands	Cloudy or dull.	"	-
5. S.W. England	Cloudy or dull, local mist	Fair	Mod.
6. South Wales	Dull.	Good	slight
7. North Wales	Dull.	"	"
8. N.W. England	Cloudy or dull.	Fair	"
9. N. Midlands	Fine to dull; local slight mist	"	-
10. N.E. England	Cloudy or dull; local mist	Indiff	slight
11. E. Scotland	Fine to cloudy.	Good	smooth
12. S.W. Scotland	Fair to dull.	"	slight
13. Isle of Man	Cloudy or dull.	"	"
14. N. & N.W. Scotland	Fair generally.	Fair	"
15. Hebrides	Cloudy.	Good	"
16. Orkneys and Shetlands	Cloudy.	"	smooth
17. N.W. Ireland	Cloudy; local mist.	Indiff.	slight
18. N.E. Ireland	Cloudy or dull; local showers.	Good	"
19. S.E. Ireland	Cloudy or dull.	V. good,	"
20. S.W. Ireland	Cloudy or dull.	Good	smooth

Temperature reported from Coastal and Cross Channel Steamers

Position Number.	Date	Time G.M.T.	Sea ° F	Air ° F
4a	1 <sup>st</sup>	0315	57	56
6	1 <sup>st</sup>	1410	60	62
3	1 <sup>st</sup>	2125	56	58
5	2 <sup>nd</sup>	0750	53	55
12	2 <sup>nd</sup>	0545	52	52

CHART OF POSITION NUMBERS



**EXPLANATION.**  
**BAROMETER.**—Isobars are shown at intervals of two millibars.  
**WIND.**—Direction is shown by the flying with the wind. Force, on the 0-12, is indicated by the number of feathers. Mean velocity is shown in per hour by figures in small circles.  
**TEMPERATURE.**—Isobars are shown at intervals of 1 degree.  
**WEATHER SYMBOLS.**—  
 ○ clear sky. ● sky 1 cloud.  
 ○ overcast sky. ● sky 2 clouds.  
 \* snow. ▲ hail. ☼ fog.  
 T thunder. Z thunderstorm.  
**SEA DISTURBANCE.**—High rough. Low smooth.

GENERAL INFERENCE from observations received up to 9h G.M.T.

The depression over the Faroe maintains its position with little change. Winds will continue mainly between South-West and West and cloud amount will be variable. Local showers and a tendency for thunder are probable.

Districts.	Forecasts for the 24 hours commencing 15h.G.M.T. Monday, 2nd August 1920.
1. S.E. England	Winds from South-West to West, moderate, variable skies, some local showers, tendency for thunder; visibility good; temperature moderate.
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	Wind South-West, moderate, variable skies, some showers; visibility good; temperature moderate.
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	As for 1 - 13.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Weather continuing changeable but considerable bright intervals probable.

Further Outlook.



SYNOPTIC CHART FOR MORNING OF Monday, 2nd August, 1920.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)			
None for eye had been	00	00	00
Very Poor	01	01	200
Poor	02	02	1,000
Indifferent	03	03	2,000
Fair	04	04	4,000
Good	05	05	7,000
Very Good	06	06	12,000
Excellent	07	07	20,000
			20,000

Objects not visible at 50 metres (or yards)

Objects visible beyond 50 metres (or yards)

Exceptional visibility.

(2.5 miles)  
(7.5 "  
(12.4 "  
(12.4 "



Monday -  
2<sup>nd</sup> August

2<sup>nd</sup> August



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON: BRITISH SECTION. No. B. 21439 TUESDAY, 3<sup>RD</sup> AUGUST, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 15H AND 19H.																								
STATIONS.	BAROM. at M.S.L.	Change in 3 hours.	WIND. Dir. Force 0-12.	Weather	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.	Upper Cloud.	Sea	BAROM. at M.S.L.	Change in 3 hours.	WIND. Dir. Force 0-12.	Weather	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.	Upper Cloud.	Sea		
	mb.								Form.	Amt. 0-10.	0-9.	mb.								Form.	Amt. 0-10.	0-9.		
12H. G.M.T. OF 2 <sup>ND</sup>												19H. G.M.T. OF 2 <sup>ND</sup>												
Renfrew ...	1004.4	+1	SW 4	or	56	85	7	1200	CU	Nb	7	1004.5	0	SW 4	c	57	75	8	2,000	SV	5	CU	2	
Eskdalemuir ...	1005.3	+1	SW 5	or	53	75	8	-	Nb	9	A-St	1	1005.5	0	SW 4	c	53	75	8	-	ST	6	CU	2
Valencia (Cahire'n)	1008.4	0	W 3	ovs	55	92	6	2000	ST	CU	6	1008.8	+2	WNW 5	ov	57	85	6	3,000	ST	8	CU	1	
Baldonnell	1008.4	0	WSW 5	ovs	55	92	6	2000	ST	CU	6	1008.8	+2	WNW 5	ov	57	85	6	3,000	ST	8	CU	1	
Didsbury ...	1008.4	0	WSW 5	ovs	55	92	6	2000	ST	CU	6	1008.8	+2	WNW 5	ov	57	85	6	3,000	ST	8	CU	1	
Ross on Wye ...	1010.2	0	SW 3	ovs	59	85	7	1250	ST	10	-	1010.0	0	SW 3	ov	59	85	9	3,000	CU	3	ST	4	
Falmouth ...	1011.9	0	WSW 3	ovs	59	92	3	750	ST	10	-	1012.1	0	WSW 3	ovs	58	92	4	-	CU	8	A-St	1	
Calshot (Hants) ...	1012.7	0	WSW 5	ovs	60	85	8	1250	ST	10	-	1012.0	-1	SW 5	ovs	59	97	4	4,500	Nb	10	-	3	
Lymington (Folkestone)	1013.6	0	SW 5	ovs	59	92	6	750	Nb	10	-	1013.3	0	SW 3	ovs	57	97	7	750	Nb	8	A-St	2	
Aberdeen ...	1002.2	+1	SW 4	bc	63	65	8	4,200	CU	Nb	3	1002.5	0	SW 2	bc	61	55	7	4,200	CU	5	CU	1	
Howden ...	1008.2	0	WSW 3	ovs	62	55	6	3,000	ST	10	-	1008.0	0	W 1	bc	62	65	6	4,200	ST	5	CU	2	
Cranwell (Lincs) ...	1009.7	0	WSW 3	ovs	61	65	7	3,000	CU	Nb	6	1009.5	0	SSW 4	bc	61	65	8	4,200	ST	5	CU	1	
Felixstowe ...	1012.7	0	SW 5	ovs	60	91	7	3,000	A-St	10	-	1012.7	0	SW 4	ovs	60	92	6	1250	Nb	6	ST	4	
Shoeburyness ...	1011.9	0	SW 6	ovs	63	75	7	3,000	ST	5	A-St	5	1012.1	0	SW 1	ovs	59	85	6	2,000	ST	5	CU	3
Benson ...	1010.6	0	SW 1	ovs	59	92	6	-	Nb	10	-	1010.6	0	S 1	ovs	57	97	5	-	Nb	10	-	-	
S. Farnborough ...	1011.7	0	SW 4	ovs	60	85	6	2,000	Nb	7	A-St	3	1011.4	0	SW 2	ovs	57	92	4	750	Nb	10	-	-
London (Kew Obs.)	1011.6	-1	SSW 4	ovs	62	85	6	2,000	Nb	7	A-St	3	1011.5	-1	SW 1	ovs	58	97	5	750	Nb	10	-	-
Croydon ...	1012.3	0	SSW 3	ovs	59	92	6	1250	Nb	10	-	1012.2	0	SW 4	ovs	58	92	6	1250	Nb	7	ST	3	
1H. G.M.T. OF 3 <sup>RD</sup>												7H. G.M.T. OF 3 <sup>RD</sup>												
Renfrew ...	1007.4	0	SSW 2	bc	48	92	8	-	ST	5	-	1006.8	+1	SW 4	ovs	53	85	6	1,250	CU	8	A-Cu	1	
Eskdalemuir ...	1007.4	0	SSW 2	bc	48	92	8	-	ST	5	-	1007.4	0	SW 4	ovs	50	85	7	2,000	ST	9	CU	1	
Valencia (Cahire'n)	1014.1	0	WNW 3	c	53	-	-	-	-	-	-	1013.3	4	N 3	c	55	75	8	4,200	CU	8	-	-	
Baldonnell	1010.8	+2	SN 4	c	49	92	6	2,200	CU	6	ST	2	1011.4	+2	WSW 3	c	52	92	6	4,200	CU	5	-	-
Didsbury ...	1010.8	+2	SN 4	c	49	92	6	2,200	CU	6	ST	2	1011.4	+2	WSW 3	c	52	92	6	4,200	CU	5	-	-
Ross on Wye ...	1013.7	4	NW 2	bc	49	92	8	-	CU	Nb	1	1013.4	+2	SN 2	b	54	85	8	7,500	ST	4	-	-	
Falmouth ...	1012.6	0	-	ovs	57	97	6	1250	ST	10	-	1015.1	+2	NW 1	b	55	92	7	750	ST	3	-	-	
Calshot (Hants) ...	1012.6	0	-	ovs	57	97	6	1250	ST	10	-	1015.1	+2	NW 1	b	55	92	7	750	ST	3	-	-	
Lymington (Folkestone)	1012.9	-1	SN 4	ovs	56	97	2	4,500	Nb	10	-	1012.7	0	N 1	ovs	54	97	6	4,500	Nb	10	-	-	
Aberdeen ...	1009.4	0	-	ovs	43	92	6	3,000	ST	4	A-Cu	5	1009.7	0	SW 2	cif	54	75	7	4,200	ST	4	-	-
Howden ...	1011.1	0	N 3	bc	50	85	7	-	-	-	-	1010.2	4	-	ovs	51	92	6	4,200	CU	4	A-Cu	5	
Cranwell (Lincs) ...	1011.1	0	N 3	bc	50	85	7	-	-	-	-	1011.3	4	WSW 4	cif	54	85	7	4,200	ST	7	-	-	
Felixstowe ...	1012.6	0	SW 2	ovs	57	92	6	2,000	ST	10	-	1012.6	0	SW 2	ovs	57	92	6	2,000	ST	10	-	-	
Shoeburyness ...	1012.6	0	SW 2	ovs	57	92	6	2,000	ST	10	-	1012.6	0	SW 2	ovs	57	92	6	2,000	ST	10	-	-	
Benson ...	1012.6	0	SW 2	ovs	57	92	6	2,000	ST	10	-	1012.6	0	SW 2	ovs	57	92	6	2,000	ST	10	-	-	
S. Farnborough ...	1012.6	0	SW 2	ovs	57	92	6	2,000	ST	10	-	1012.6	0	SW 2	ovs	57	92	6	2,000	ST	10	-	-	
London (Kew Obs.)	1011.9	0	-	ovs	57	-	-	-	-	-	-	1013.0	12	NW 1	bc	55	85	5	4,200	ST	2	-	-	
Croydon ...	1012.7	4	SSW 1	ovs	56	97	5	1250	Nb	10	-	1013.2	4	N 2	bc	54	92	6	2,000	ST	1	A-Cu	2	

STATIONS CONTRIBUTING REPORTS AT 7H AND 18H.

STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.																					
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Raintall mm.	TEMP.		WEATHER.			Sunshine Hours.
			Dirac.	Force 0-12.		Temp. °F.	Change in 24hours.	Max. °F.	Min. °F.	Morning.	Afternoon.					Night.					
																	at M.S.L. mb.	1 Change in 3-hours.			
18H. G.M.T. of 2nd			7H. G.M.T. of 3rd										24 HOURS ENDED 7H. 3rd							2nd	
Lerwick	1002.7	56	SSE	3	bcm	1004.4	0	55	H	SSR	2	S	bcm	1	0.2	59	51	bcm	bcm	omp	4
Stornoway	1000.5	55	WSW	4	cp	1000.7	0	54	0	S	2	-	bc	1	11	58	49	op.	o.op	o.b.c.p	2.6
Castlebay (Barrals)	1002.3	54	WSW	4	c	1002.3	-1	51	-3	W	4	S	c	4	5	57	50	c.op.c	c.op.c	c.op.c	4.6
Malin Head	1008.4	54	W	3	c	1008.5	0	54	+2	N	3	N	c	3	7	57	50	cp	bcp	cp	7.1
Blackod Point	1008.5	55	WNW	3	cp	1010.1	4	53	0	WNW	2	-	comp	2	3	59	50	comp	bcp	cm.comp	.
Roche's Point...	1011.2	61	WSW	3	bc	1011.4	4	54	0	WNW	3	W	b	2	0.2	61	52	bc.bc.c	bc	bc.b	.
Birr Castle	1009.1	59	W	2	c	1011.6	.	52	-1	SW	1	-	c	.	0.2	61	49	c	c	cp.l.	4.7
Donaghadee						1008.8	H	52	-1	WSW	1	-	bcm	1	2	62	46			bcp	.
Liverpool (Maiden)	1008.0	60	W	4	b	1009.9	H	54	-1	WSW	4	S	b	3	0.2	63	52	bcp	bcp	bc.b	4.3
Holyhead	1007.9	57	SW	5	c	1010.3	0	54	-1	WSW	4	W	c	3	2	62	52	o.c.	c.cp	-p.c.c	4.1
Pembroke (St. Mary's)	1010.8	57	WSW	3	bc.	1013.3	H	55	-1	W	2	N	c	3	-	59	54	o.c.v.	bcp	bc.v	5.3
Scilly (St. Mary's)	1011.8	59	W	2	c	1015.3	H	56	-2	NN	3	NN	bcv	4	1	60	54	c.op.	o.op	b.bcv	1.1
Jersey (St. Aubin)	1014.3	62	SSW	3	o	1014.1	0	56	-2	NN	2	-	oc	2	3	65	55	od.p.	od.p.o	op.oc	0.0
Portland Bill	1012.1	58	WSW	5	r	1013.4	4	58	-1	WNW	3	NN	bc	4	7	60	55	o	o.or.	oc.bc	.
Dungeness	1013.2	61	SW	5	c	1012.2	0	56	-2	-	0	-	r	2	7	62	53	c.o.op.	cp.c	oc.p.or	.
Wick	1002.0	52	-3	SSW	1	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-
Nairn	1001.7	57	SW	1	c	1002.0	0	52	-3	SSW	1	-	c	1	6	59	45	bc.o.	c.op.	op.b.c.c	.
Leith	1003.6	60	SW	2	r	1002.0	.	52	-1	-	0	-	bc	0	0.4	65	47	pc.bv	pc.bc	p.bc	5.7
Tynemouth	1006.4	61	WSW	2	c	1005.1	0	54	0	SW	1	N	bc	2	0.1	64	49	bc.c.a.c	ctp.bc	bc.bbc	.
Spurn Head	1006.4	61	WSW	2	c	1008.0	0	53	-2	WSW	2	-	bcm	1	-	62	51	comp.	cm	bcm	.
Yarmouth (Derby)	1009.3	62	SW	3	c	1010.3	0	55	-1	WSW	3	-	c	3	-	65	49	c	c	bc.c	.
Clacton-on-Sea	1011.2	59	SW	3	r	1011.4	0	56	+1	WSW	2	-	bc	2	3	65	53	bc.c	c.omr.	oc.c.bc	4.5
Nottingham	1011.9	60	SW	5	o	1011.8	4	57	+1	WNW	3	N	bc	2	5	63	56	bc.opd.	opp	qfr.bc	1.6
	1008.9	60	S	2	b	1011.3	.	52	-4	SW	2	SW	c	.	-	64	47	bc.c	c.bc	b	7.3

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ For code see page 3.



# SUMMARY OF CONDITIONS AT 7 h.G.M.T. 8. 1920.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Variable sky, local mist, rain in East.	Fair	Smooth
2. E. England	Variable sky	"	"
3. E. Midlands	Fine to cloudy.	Good	"
4. W. Midlands	Fine to cloudy.	"	"
5. S.W. England	Fair or fine.	"	Moderate
6. South Wales	Cloudy.	"	Slight
7. North Wales	Cloudy.	"	"
8. N.W. England	Variable sky. Mist at Bidsbury.	"	"
9. N. Midlands	Cloudy or dull.	Fair	"
10. N.E. England	Fair or cloudy, mist or haze.	Indiff.	Smooth.
11. E. Scotland	Fair or cloudy, slight local mist.	Good.	"
12. S.W. Scotland	Dull, local rain.	Fair.	"
13. Isle of Man	Fair to dull.	"	Slight.
14. N. & N.W. Scotland	Fair to dull.	"	Smooth.
15. Hebrides	Fair generally.	Good.	Slight.
16. Orkneys and Shetlands	Fair misty.	Indiff.	V. Smooth.
17. N.W. Ireland	Cloudy local mist & showers.	"	Smooth.
18. N.E. Ireland	Fair to cloudy local mist.	"	"
19. S.E. Ireland	Cloudy.	Fair.	Slight.
20. S.W. Ireland	Fine to cloudy.	Good.	"

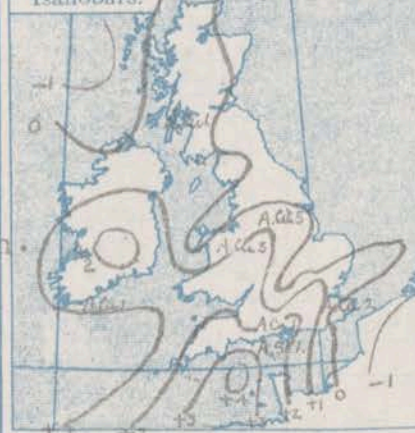
## Temperature reported from Coastal and Cross Channel Steamers.

Position Number.	Date	Time G.M.T.	Sea ° F	Air ° F
3	2nd	09.25	55.6	56.5
2	3rd	01.05	55	54.6
7	3rd	02.25	60	60
44	3rd	08.00	59	55
12	3rd	08.02	52	52

## CHART OF POSITION NUMBERS



## Upper Cloud and Isallobars.



## Lower Cloud.



Barometric change in half millibars, per 3 hours.

## GENERAL INFERENCE from observations received up to 9h. G.M.T.

The depression to the north of the British Isles is still practically stationary, but a secondary over the Southern North Sea is moving East. Further secondaries will probably arrive from the Atlantic before long and will maintain a changeable showery and cool type of weather for the next day or two with winds from about SW.

**EXPLANATION.**  
**BAROMETER.**—Isobars are shown at intervals of two millibars.  
**WIND.**—Direction is shown by the flying with the wind. Force, indicated by the number of feathers. Mean velocity is shown in feet per hour by figures in small circles.  
**TEMPERATURE.**—Isobars are shown at intervals of two millibars.  
**WEATHER SYMBOLS.**  
 ☉ clear sky. ☁ sky 1 clouded. ☁☁ sky 2 overcast sky. ☁☁☁ sky 3  
 \* snow. △ hail. T thunder. SEA DISTURBANCE. Rough. High.

## Further Outlook.

Districts.	Forecasts for the 24 hours commencing 15h.G.M.T. Tuesday, 3rd August, 1920.
1. S.E. England	
2. E. England	
3. E. Midlands	Wind between S.W. and W., moderate; varying amount of low cloud, local showers; visibility good; cool.
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	Wind S.W., moderate to fresh; much low cloud, occasional bright intervals, some showers; visibility mainly good; cool.
8. N.W. England	
9. N. Midlands	
10. N.E. England	Moderate S.W. wind; varying amount of low cloud, local showers; visibility fair to good; cool.
11. E. Scotland	
12. S.W. Scotland	Same as 7-9.
13. Isle of Man	
14. N. & N.W. Scotland	Wind S.W., light to moderate; much low cloud, rain at times; visibility fair to good; cool.
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Same as 7-9.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	Same as 1-6.

Changeable showery and cool for a day or two.



SYNOPTIC CHART FOR MORNING OF Tuesday 3<sup>rd</sup> August 1920

Scale - 1:10,000,000

Nautical Miles  
Statute Miles.



Add one hour to get Summer Time

TELEGRAPHIC CODE

TELEPHONE CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)

Very Bad	Objects not visible at	50 metres (or yards)		
Bad	"	"	200	
Very Poor	"	"	1,000	" "
Poor	"	"	2,000	" "
Indifferent	"	"	4,000	" "
Fair	"	"	7,000	" "
Good	"	"	12,000	" (4.3 miles)
Very Good	"	"	20,000	" (7.5 "
Excellent	"	"	30,000	" (12.4 "
	Exceptional visibility.			



Tuesday  
3rd August 1920

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 2nd																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night.	Day.	to 17h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. F.	Min. F.	Night.	Day.	to 17h.	Sunrise to Sunset.
						1st-2nd.	2nd-17h.									2nd-1st.	1st-17h.		
Scotland.	Oban ...	op	o.c	57	50	3	1	5.5	?	England, N.W.	Douglas (I.O.M.)	-	-	61	52	0.3	-	4.4	?
	Banff ...	bc	o.c	65	46	-	3	8.3	11.6		Blackpool ...	o	c	63	55	-	-	2.6	8.5
	Montrose ...	bc	bc	63	47	-	-	8.0	?		Southport ...	o.c.bc	bc.b	64	55	-	-	3.5	10.0
	St. Andrews ...	bc	bc	63	55	-	-	2.6	?										
England, N.E.	Harrogate ...	c.bc	b.bc	62	50	2	-	6.0	7.6	Midlands.	Buxton ...	-	-	-	-	-	-	-	-
	Scarborough ...	bc	b	68	51	-	-	1.6	7.1		Leamington Spa...	-	-	-	-	-	-	-	-
	Skegness ...	o.c.o	o	64	50	-	-	2.4	?		Malvern ...	-	-	-	-	-	-	-	-
	Lowestoft ...	bc.c.o	or	67	52	0.2	0.3	5.5	5.5		Bath ...	mor	ro	61	53	1	6	0.0	9.6
England, E.	Felixstowe ...	bc.or	or	63	53	-	2	3.9	6.4	Wales.	Rhyl ...	c.bc	c.bc	63	52	-	-	2.4	9.0
	Southend-on-Sea...	c.o	op.o	65	52	-	Trace	1.5	7.6		Colwyn Bay ...	-	-	-	-	-	-	6.2	8.7
	Tunbridge Wells	op	op	61	46	-	1	0.2	7.7		Llandudno ...	o.c.o	b.bc	62	54	0.3	-	5.5	?
	Margate ...	c	o	65	51	-	-	1.6	4.7		Aberystwyth ...	o.c.o	b.bc	61	56	-	-	-	-
England, S.E.	Ramsgate ...	o	o	64	48	-	-	1.9	6.9	England, S.W.	Tenby ...	-	-	-	-	-	-	-	-
	Folkestone ...	o.c.op.o	op.o	66	51	-	0.3	1.4	4.6		Weymouth ...	o	or	62	56	-	4	0.0	8.7
	Hastings ...	o.c.	ord.	62	50	-	1	0.7	8.5		Teignmouth ...	-	-	-	-	-	-	0.0	6.0
	Eastbourne...	c.opr	oro	62	52	-	1	0.9	8.3		Torquay ...	ogd	ogdr	62	55	-	0.4	0.0	8.4
	Brighton ...	o	o	61	53	-	-	0.0	8.5		Paignton ...	-	-	-	-	-	-	0.0	7.6
	Worthing ...	o	o	62	50	-	-	0.0	9.0		Penzance ...	o.c	c.or	63	56	-	2	0.0	8.8
	Littlehampton ...	o	o	62	58	-	-	0.0	8.2		Newquay ...	orm	o	59	55	6	1	0.1	10.5
	Portsmouth (S'hea)	o	o	62	55	-	1	0.0	?		Bude ...	r	o	60	55	9	4	?	10.5
	Bournemouth ...	o	o	60	53	-	2	0.0	9.0		Ilfracombe ...	orp	op	60	54	5	5	0.1	10.2
	Ventnor (I. of W.)	o	o	62	53	-	-	0.0	9.5		Weston-s-Mare ...	r	rc	61	54	5	5	0.1	10.2

SUMMARIES FOR PAST 24 HOURS.													
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		BEAUFORT NOTATION.			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	THE BEAUFORT SCALE OF WIND FORCE.			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	b blue sky (not more than a quarter covered).			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	bc sky partly cloudy (one half covered).			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	c generally cloudy (three quarters covered).			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	d drizzle, or fine rain.			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	e wet air without rain falling.			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	f fog, g gloom.			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	h hail, i lightning.			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	m mist, o overcast sky.			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	p passing showers.			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	q squalls, r rain.			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	rs sleet, i.e., rain and snow together.			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	s snow, t thunder.			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	u ugly, threatening sky.			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	v unusual visibility.			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	w dew, x hoar frost.			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	y dry air; humidity less than 60 per cent.			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	z dust haze; the turbid atmosphere of dry weather.			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	Capital letters indicate intensity, and repetition of letters continuity, thus:-			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	R = heavy rain.			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	cc = continuous mod. rain.			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	f.f. = continuous light rain.			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	SYMBOLS-			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	Aurora			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	Rime			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	Glazed frost			
		7h-12h.	12h-18h.	18h-24h.	1h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	Glazed roads			

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).		
		Weather.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Rainfall. mm.	Sunshine to Sunset. Hours.	Humidity %				
		Morning.	Afternoon.	Night.								
		24 Hours ended 9h G.M.T.										
		24 Hours ended 9h G.M.T.										
Greenwich (Royal Observatory)		o.c.d.	o.c.cd	or b	67	53	50	12	0.7	87	64	
City (Bunhill Row)		*	*	*	*	*	*	*	0.5	*	*	
Westminster (St. James's Park)		*	*	or bc	61	54	48	20	0.4	87	67	
" (Admiralty Arch)		omr	omr	omr, bc	64	55	*	21	0.3	88	72	
Camden Sq. (British Rainfall)		or	or	*	63	53	50	20	*	88	71	
Kensington Palace		or	or	*	63	56	49	19	*	95 (18h)	72	
Hampstead Observatory		*	*	*	59	52	49		0.6	*	76	
										Vertical Component of Solar Radiation per Square Centimetre during yesterday.		
										Total ... Joules.		
										Average Rate. 9.5		
										Maximum Rate. 60		

Photographic Record of  
Pole Star (Polaris) and of 3 Ursae  
Minoris at Greenwich Observatory.

Exposure from 2.30 a.m. to 3.30 a.m.

Stars.	Duration of Exposure.	Duration of Record.	%
Polaris	h. m.	h. m.	%
3 Ursae	0. 0	0. 33	9
Minoris	0. 0	0. 6	2

## NOTES ON THE WEATHER OF YESTERDAY.

Maximum temperatures were mostly between 60° and 65°. Thunder and lightning occurred in several parts of Scotland, and at Birr Castle, in Ireland, lightning was seen at night. There were some rather large totals of rain, 17 mm. at Kew and 15 at Eskdale, while Lympne reported no less than 28 mm. There were some good records of sunshine, in Scotland and the North of England, but in the extreme South there was little or none.





SIGNATURE

28	110
12	F

79	66
----	----

82	72
----	----

90

86	73
	60

86	66
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98	78
86	

30	73
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## Temperature reported from Coastal and Cross Channel Steamers



A new depression is approaching Ireland and will maintain unsettled weather for the next day or two with some rain in all districts, the wind freshening from S.W. and veering to between W. and N.W. later over the western half of the Kingdom.

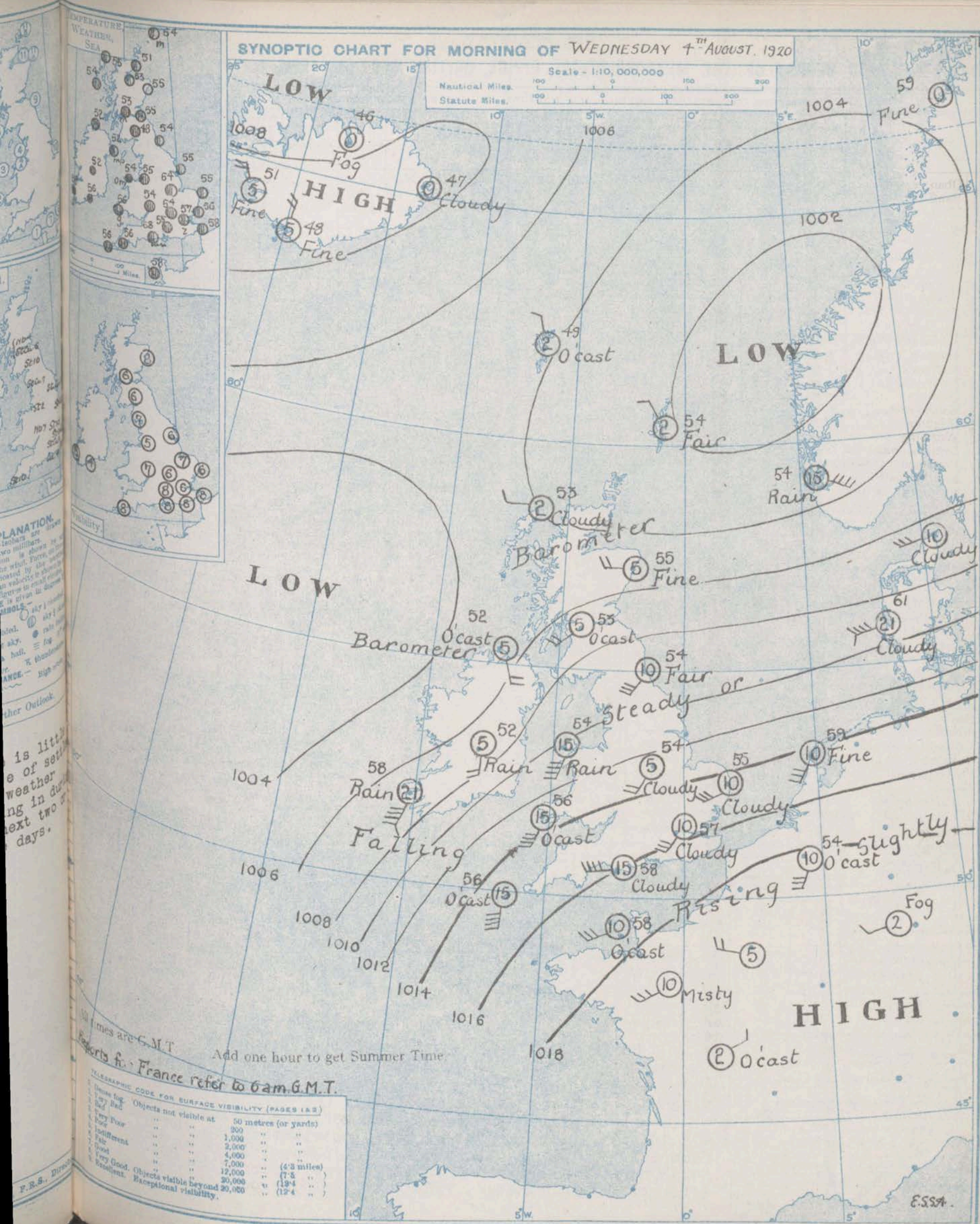
intervals of  
**WIND.**—Direction is  
lying with the wind. Force  
0-12, is indicated by the  
feathers. Mean velocity is shown  
per hour by figure in degree  
**TEMPERATURE.**—Symbols  
**WEATHER SYMBOLS.**  
clear sky. sky & cloud. sky & rain.  
overcast sky. rain.  
\* snow. \* hail. \* fog.  
T thunder. T thunder.  
**SEA DISTURBANCE.** High.  
Rough. Outlook

There is little chance of setting fair weather the next two or three days.



# SYNOPTIC CHART FOR MORNING OF WEDNESDAY 4<sup>TH</sup> AUGUST, 1920

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



EXPLANATION  
Isobars are shown in millibars. The wind is shown by the direction of the arrow and the number of the flag. The number of the flag is given in degrees. The number of the flag is given in degrees. The number of the flag is given in degrees.

is little  
e or set  
weather  
ng in du  
ext two  
days.

Times are G.M.T. Add one hour to get Summer Time.

Reports for France refer to 6am G.M.T.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)			
Code	Meaning	Objects not visible at	Distance
0	Very Poor	50 metres (or yards)	
1	Poor	200 "	
2	Fair	1,000 "	
3	Good	2,000 "	
4	Very Good	4,000 "	
5	Excellent	7,000 "	(4.3 miles)
6	Very Good	12,000 "	(7.5 "
7	Excellent	20,000 "	(12.4 "
8	Exceptional	beyond 20,000 "	(12.4 "

F.R.S. Director



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 217.

Wednesday,  
4th August 1920

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

WEATHER, TEMPERATURE, RAINFALL, & SUNSHINE.																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 2nd-3rd	Day. 9h-17h. 3rd	to 17h. 3rd	Sunrise to Sun- set. 2nd			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 2nd-3rd	Day. 9h-17h. 3rd	to 17h. 3rd	Sunrise to Sun- set. 2nd
Scotland.	Oban ... ..	op	oc	55	50	3	3	2.0	6.2	England, N.W.	Douglas (I.O.M.)	x	x	60	50	0.3	0.3	3.6	4.4
	Banff ... ..	bcpc	rtclrc	62	44	1	13	3.4	9.0		Blackpool ... ..	c	o	62	55	-	-	7.3	4.2
	Montrose ... ..	bc	bc	61	40	-	-	7.1	8.4		Southport ... ..	pebc	beco	62	54	0.1	-	6.5	-
	St. Andrews ... ..	x	x	61	48	1	-	4.5	3.4										
England, N.E.	Harrogate ... ..	c.b.c	bc	60	48	-	-	6.9	8.1	Midlands.	Buxton ... ..	bc.b.c	c.b.rhp	57	48	-	2	4.1	?
	Scarborough ... ..	b	b	66	49	-	-	6.4	2.4		Leamington Spa...	c	c	63	46	0.3	-	8.6	?
	Skegness ... ..	b.b.c	b.b.c	65	44	-	-	10.2	2.8		Malvern ... ..	c.b.c	bc.b	63	49	-	0.1	9.6	?
England, E.	Lowestoft ... ..	bc	bc	70	55	3	-	11.1	5.5		Bath ... ..	bc.b	bc.b	65	43	1	-	10.0	0.0
	Felixstowe ... ..	bc	bc	67	56	6	-	8.0	3.9		Rhyl ... ..	bc.c	bc.c	64	51	2	-	7.5	2.6
	Southend-on-Sea...	or.cbc	bc	70	52	2	-	9.6	1.5		Colwyn Bay ... ..	x	x	62	52	4	2	6.3	6.8
											Llandudno ... ..	x	x	62	57	4	-	7.3	5.5
											Aberystwyth ... ..	o.c.	b.b.c	60	55	-	-	5.0	?
											Tenby ... ..	bc	bc	63	57	1	-	8.2	?
											Swansea ... ..	x	x	64	50	5	-	6.7	?
England, S.E.	Tunbridge Wells ... ..	b	b.b.c	68	54	5	-	7.6	0.2		Weymouth ... ..	b	bc	67	50	4	-	11.8	0.0
	Margate ... ..	o.c.b.c	b.b.c	67	55	6	-	6.7	2.6		Teignmouth ... ..	bc	bc	67	50	1	-	10.5	?
	Ramsgate ... ..	x	x	66	54	8	-	6.5	1.9		Torquay ... ..	bc.b.c	bc.b.c	66	50	0.4	-	1.0	0.0
	Folkestone ... ..	d.b.c	bc.b	64	51	6	-	7.0	3.0		Paignton ... ..	bc	bc	68	47	-	-	10.5	?
	Hastings ... ..	or.b.c	bc.b	66	55	12	-	7.7	0.7		Penzance ... ..	b.b.c	bc.c	65	49	-	-	10.1	0.2
	Eastbourne ... ..	c.b.c	bc	64	55	13	-	8.0	0.9		Newquay ... ..	bv	bv	62	54	1	-	9.5	0.0
	Brighton ... ..	bv	bv	65	55	7	-	9.5	0.0		Bude ... ..	b	bc	63	50	Trace	-	10.7	0.5
	Worthing ... ..	b	bc	66	56	5	-	10.8	0.0		Ilfracombe ... ..	o.c.b.c	bc	61	54	0.4	-	9.0	?
	Littlehampton ... ..	b	bc	64	52	4	-	10.7	0.0		Weston-s-Mare ... ..	bc	b	65	51	1	-	10.3	0.3
	Portsmouth (S. obs.) ... ..	x	x	68	55	2	-	11.0	0.0										
	Bournemouth ... ..	x	x	67	48	6	-	9.5	0.0										
	Ventnor (I. of W.) ... ..	x	x	62	52	5	-	11.3	0.0										

### SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	7h-12h 3rd.	12h-18h 3rd.	Max. °F.	Min. °F.	Day. 7h-18h. 3rd.	Night. 18h-7h. 3rd.	Sun. Hours.	Sunrise to Sunset. 3rd.
Renfrew ... ..	d.f.c.p.	c.o.f.v.	59	49	49	2	3.2	
Eskdalemuir ... ..	c.p.	c.o.p.	55	46	46	3	3.1	
Valencia (Cahire'n) ... ..	c.o.b.c	bc.c	58	52	50	9	6.9	
Baldonnel ... ..	q.p.	op						
Didsbury ... ..	c.o.p.	c.o.p.	62	51	44	0.3	2	
Ross on Wye ... ..	bc.c	bc.c	66	52	46	0.2	9.4	
Falmouth ... ..	b.b.c	b.b.c	66	52	48	Trace	10.2	
Calshot (Hants) ... ..	b.b.c	bc.c	66	52	50	-	11.2	
Lymington (Folkestone) ... ..	raif.c.p.	bae.b.c	65	49	44	1	8.7	
Aberdeen ... ..	lf.b.c	bc.c	63	50	44	-	8.9	
Howden ... ..	q.p.	c.o.z	62	48	44	-	2.8	
Cranwell (Lincs) ... ..	bc.c	bc.c	66	50	42	0.2	11.8	
Felixstowe ... ..	b.b.c	bc.b.c	69	52	48	*	*	
Shoeburyness ... ..	bc.b.c	b.b.c	70	52	48	-	10.4	
Benson ... ..	b.b.c	b.b.c	66	48	44	-	*	
S. Farnborough ... ..	b.b.c	bc.b.c	69	46	40	Trace	11.7	
London (Kew Obsy.) ... ..	b.b.c	b.b.c	66	51	44	Trace	11.5	
Croydon ... ..	b.b.c	bc.c	67	50	*	-	*	

### BEAUFORT NOTATION.

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.  
e wet air without rain falling.  
f fog. g gloom.  
h hail. i lightning.  
m mist. o overcast sky.  
p passing showers.  
q squalls. r rain.  
rs sleet, i.e., rain and snow together.  
s snow. t thunder.  
u ugly, threatening sky.  
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.

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

### THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity at about 30 feet above ground.	
	Statute miles per hour.	Meters per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.5-3.5
3	8-12	3.5-7.9
4	13-18	8.0-10.7
5	19-24	10.8-13.9
6	25-31	13.9-17.1
7	32-38	17.2-20.7
8	39-46	20.8-24.4
9	47-54	24.5-28.4
10	55-63	28.5-33.8
11	64-75	33.9-39.0
12	Above 75	39.1 or above

### SYMBOLS.

Aurora ☄ Solar halo ☉  
Rime ☃ Lunar halo ☾  
Glazed frost ☑ Solar corona ☼  
Glazed roads ☐ Lunar corona ☾

### LONDON OBSERVATIONS.

	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Morning.	Afternoon.	Night.	Max. °F.	Min. °F.	Min. on Grass. °F.	Sun- shine to Sunset. Hours.	Humidity % 15 h. G.M.T.
Greenwich (Royal Observatory)	bc	bc.c	cb.c	72	51	44	12.4	49
City (Bunhill Row)	*	*	*	*	*	*	13.4	*
Westminster (St. James's Park)	*	*	bc	69	52	45	13.2	43
" (Admiralty Arch)	bc.c	bc.c	bc.c	69	53	*	13.2	60
Camden Sq. (British Rainfall)	bc	bc	*	71	50	47	*	45
Kensington Palace	6	6	*	68	51	44	*	51 (18h)
Hamstead Observatory	*	*	*	67	49	-	12.4	*

### SOUTH KENSINGTON (Meteorological Office).

	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	
	15 h. G.M.T.	9 h. G.M.T.
Total	78.54	Joules.
Average Rate	33.7	Milliwatts.
Maximum Rate	90	

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

Stations.	4th & 5th August 1920	
	Sunrise. G.M.T.	Noon. G.M.T.
Yarmouth	4.19	11.59
Greenwich	4.30	12.00
Wick	4.14	12.18
Valencia	5.11	12.47

### Photographic Record of

Pole Star (Polaris) and of 8 Ursae Minoris at Greenwich Observatory.

Exposure from 3.21 h. to 3.30 h.

Stars.	Duration of Exposure.	Duration of Record.	%
Polaris	6.0	4.45	59
8 Ursae Minoris	6.0	3.46	63

### NOTES ON THE WEATHER OF YESTERDAY.

No very considerable falls of rain occurred, 9 mm. at Valencia, and 7 mm. at Glasgow being the largest totals. The temperature nowhere exceeded 70°, and failed to reach 60° locally in the north and west, notwithstanding the good records of sunshine obtained at most places, which amounted to 13 hours at Yarmouth. Thunderstorms occurred in the afternoon at Donaghadee, Tynemouth and Glasgow.

\* Information for these columns not usually received.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B. 21.141

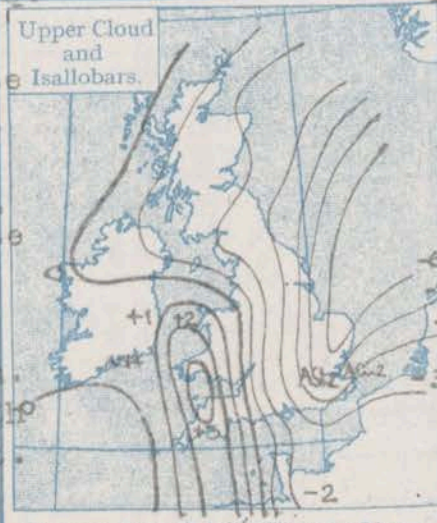
THURSDAY, 5th AUGUST, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 13h AND 18h.

STATIONS	13h. G.M.T. of 13h											18h. G.M.T. of 18h																
	Barom. at M.S.L.	Change in 3 hours	Wind. Direc.	Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-10	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Amt. 0-10.	Sea 0-9	Barom. at M.S.L.	Change in 3 hours	Wind. Direc.	Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-10	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Amt. 0-10.	Sea 0-9				
	mb.												mb.															
Renfrew ...	1006.0	-2	SE	1	or	54	85	6	2000	Nb	7	A-st	3	x	1001.9	-4	NE	4	or 2st	51	97	3	750	Nb	10	-	-	x
Eskdalemuir ...	1007.5	-2	S	3	odm	50	85	6	2000	Nb	7	A-st	3	x	1002.3	-5	SSE	2	odm	53	97	5	1250	Nb	10	-	-	x
Valencia (Cahire's)	1004.2	-2	WSW	3	oif	58	85	7	750	st	10	-	-	-	1001.5	-4	W	1	o	55	92	8	1250	st	3	A-st	6	3
Baldonnel ...	1003.5	-4	SSW	4	org	59	92	5	750	st	10	-	-	-	1020.7	-5	SW	2	or	57	92	5	750	Nb	10	-	-	x
Dunbury ...	1009.7	-3	S	5	org	57	85	5	3000	Nb	8	A-st	2	x	1005.7	-6	S	6	org	55	85	5	750	Nb	10	-	-	x
Ross on Wye ...	1012.3	-2	SW	4	op	56	85	8	2000	Nb	10	-	-	-	1008.1	-4	SSW	4	od	56	85	7	1250	Nb	9	A-st	1	x
Falmouth ...	1012.5	-4	SW	6	odq	59	75	6	-	CuNb	7	A-st	3	x	1007.2	-6	WSW	5	or 2st	56	92	3	750	Nb	10	-	-	x
Calshot (Hants) ...	1015.3	-2	SW	5	o	61	75	8	2000	st	7	A-st	2	4	1012.0	-5	SSW	4	o	60	75	8	2000	st	7	A-st	2	3
Lymington (Falkstone) ...	1016.1	0	SSW	6	oq	60	75	8	2000	CuNb	7	A-st	3	x	1013.4	-5	SW	4	cv	58	75	9	-	-	-	-	-	x
Aberdeen ...	1005.7	0	SSE	2	C2	59	65	7	1250	Cu	3	A-Cu	4	2	1005.3	0	S	3	oif	55	85	7	3000	st	9	-	-	3
Howden ...	1010.7	-1	SSW	4	oq	61	65	6	1250	st	5	A-st	4	x	1007.4	-1	S	3	or	55	97	5	750	Nb	10	-	-	x
Cranwell (Lincoln) ...	1012.6	-1	SSW	5	o	61	65	8	4200	st	7	A-st	3	x	1009.7	-4	S	4	o	57	85	8	2000	Nb	8	A-st	2	x
Felixstowe ...	1015.5	-1	SW	3	o2	63	65	6	5700	st	6	-	-	-	1013.5	-3	SW	5	o	61	75	7	4200	st	8	A-st	1	x
Shoeburyness ...	1015.3	0	SW	2	C	63	65	7	3000	Cu	6	A-st	2	x	1012.8	-2	SW	4	C	60	75	7	2000	Cu	5	A-Cu	2	x
Benson ...	1013.4	-2	SW	3	o	61	65	5	-	st	10	-	-	-	1010.6	-3	SSW	4	o	57	75	8	-	st	10	-	-	x
S. Farnborough ...	1015.2	-1	SW	3	oif	58	85	7	3000	st	9	A-st	1	x	1011.9	-3	SW	3	o	58	75	7	4200	st	9	A-Cu	1	x
London (New Obs.) ...	1014.7	-2	SSW	3	o	63	65	8	1250	Cu	5	A-Cu	6	x	1011.6	-3	S	4	o	62	65	8	2000	Cu	6	A-st	4	x
Croydon ...	1015.5	-1	WSW	4	o	61	65	8	3000	st	7	A-st	2	x	1013.5	-3	SSW	4	o	59	75	8	2000	st	7	A-st	3	x
Renfrew ...	998.3	-4	SSW	3	or 2st	52	97	3	1250	Nb	10	-	-	-	999.9	-2	ENE	2	or 2st	54	97	3	1250	Nb	10	-	-	x
Eskdalemuir ...	1001.1	0	WSW	3	bc	64	x	x	x	x	x	x	3	x	999.8	-2	SSE	2	or 2st	52	97	2	1250	Nb	10	-	-	x
Valencia (Cahire's)	998.6	-2	N	3	od	58	97	4	2000	st	7	-	-	-	1000.6	0	WSW	2	op	56	85	8	750	st	9	-	-	3
Baldonnel ...	x	x	x	x	x	x	x	x	x	x	x	x	x	x	998.2	-3	WSW	3	o	51	97	6	2000	st	4	-	-	x
Dunbury ...	x	x	x	x	x	x	x	x	x	x	x	x	x	x	998.4	-3	SSW	5	odm	55	92	4	750	Nb	10	-	-	x
Ross on Wye ...	x	x	x	x	x	x	x	x	x	x	x	x	x	x	998.1	-2	NNW	2	o	57	92	8	2000	st	7	-	-	x
Falmouth ...	999.6	-6	WSW	4	oif	58	97	6	750	st	9	-	-	-	1002.0	-3	NNW	2	o	55	97	6	-	st	9	-	-	x
Calshot (Hants) ...	1000.3	-5	SSW	5	o	57	97	8	750	Nb	10	-	-	-	1000.2	-2	WSW	5	o	60	97	8	750	st	10	-	-	x
Lymington (Falkstone) ...	1007.0	-7	SE	5	oq	57	85	8	4200	st	10	-	-	-	1002.5	-5	S	6	3fe 2st	56	97	3	4500	Nb	10	-	-	x
Aberdeen ...	x	x	x	x	x	x	x	x	x	x	x	x	x	x	998.4	-2	SSE	2	or	54	97	4	750	Nb	10	-	-	3
Howden ...	1002.2	-6	S	4	omrg	53	97	6	1250	Nb	10	-	-	-	997.1	-4	S	4	omrg	54	97	5	1250	st	10	-	-	x
Cranwell (Lincoln) ...	1004.7	-5	S	3	or	52	97	6	1250	Nb	10	-	-	-	998.5	-5	S	5	od	54	97	5	750	Nb	9	A-st	1	x
Felixstowe ...	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1002.7	-3	SSW	6	oq	59	92	7	1250	st	9	-	-	x
Shoeburyness ...	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1001.4	-6	S	7	C	57	75	7	750	Cu	6	A-Cu	2	x
Benson ...	x	x	x	x	x	x	x	x	x	x	x	x	x	x	998.6	-1	SSW	1	C	58	92	4	-	st	7	-	-	x
S. Farnborough ...	x	x	x	x	x	x	x	x	x	x	x	x	x	x	999.5	-4	SSW	3	or 2st	59	92	4	2000	Nb	10	-	-	x
London (New Obs.) ...	1005.6	-5	x	x	x	56	x	x	x	x	x	x	x	x	999.9	-6	S	4	omd	59	92	5	1250	Nb	8	A-st	2	x
Croydon ...	1007.1	-6	SSE	3	o2fr	55	85	6	2000	Nb	9	-	-	-	1001.0	-4	S	3	od	58	97	5	750	Nb	10	-	-	x
STATIONS CONTRIBUTING REPORTS AT 7h. AND 18h.																												
STATIONS	13h. G.M.T. of 13h											18h. G.M.T. of 18h																
	Barom. at M.S.L.	Change in 3 hours	Wind. Direc.	Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-10	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Amt. 0-10.	Sea 0-9	Barom. at M.S.L.	Change in 3 hours	Wind. Direc.	Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-10	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Amt. 0-10.	Sea 0-9				
	mb.												mb.															
Lerwick ...	1005.0	56	W	3	bc	1005.4	-1	53	-1	0	-	bc	0	-	60	45	bc	omp	bc	bc	bc	bc	bc	bc				
Gunnaway ...	1003.1	57	E	1	b	1000.8	0	53	0	ENE	6	-	bc	5	2	59	49	bc	cp	bc	bc	bc	bc					
Castlebay (Harris) ...	1001.7	52	ENE	3	o	997.6	0	53	-1	NE	4	-	op	4	1	56	52	o	op	op	op	op	op					
Blackhead Point ...	998.6	55	SE	2	op	995.6	-1	54	12	NN	2	N	o	1	14	57	50	and	op	ad	ad	ad	ad					
Robe's Point ...	998.3	57	SW	3	bc	997.3	0	54	?	NNW	1	-	C	2	2	59	50	cm	cp	cm	cm	cm	cm					
Burr Castle ...	1001.5	54	W	1	r	1000.5	0	54	-2	WSW	3	-	o	3	13	58	51	r	r	r	r	r	r					
Donaghadee ...	1000.3	56	S	1	o	998.5	0	52	0	N	1	-	C	x	3	60	51	or	ad	ad	ad	ad	ad					
Liverpool (Bishop) ...	1000.4	57	SW	3	omd	996.5	-1	53	11	NNW	2	-	om	1	12	59	50	omp	omp	omp	omp	omp	omp					
Holyhead ...	1003.7	55	SSE	3	o	995.4	0	54	-1	N	6	N	o	4	10	57	52	od	od	od	od	od	od					
Pembroke (St. Mary's) ...	1001.8	56	SSW	6	org	996.4	1	54	0	N	4	NN	C	3	52	57	52	org	org	org	org	org	org					
St. Mary's (St. Mary's) ...	1003.7	56	S	6	org	999.9	13	55	-1	N																		



# SUMMARY OF CONDITIONS AT 7 h.G.M.T. 5.8.1920.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.	Temperature reported from Coastal and Cross Channel Steamers				
				Position Number.	Date	Time G.M.T.	Sea °F	Air °F
1. S.E. England	Dull, squally, local rain & drizzle.	Fair.	R. Rough.	8	4th.	04.30	60	58
2. E. England	Dull, squally.	"	Slight.	10	4th.	06.15	56	56
3. E. Midlands	Dull, squally, drizzle.	Indiff.	-	5	4th.	07.20	53	53
4. W. Midlands	Dull, squally, drizzle.	Poor.	-	8	4th.	09.25	54	54
5. S.W. England	Dull.	Fair.	Moderate.	1	4th.	11.20	58	59
6. South Wales	Cloudy.	"	Moderate.	2	5th.	01.10	55	54
7. North Wales	Cloudy.	"	Slight.	7	5th.	02.25	60	60
8. N.W. England	Dull, rainy.	Poor.	Moderate.	12	5th.	03.05	52	53
9. N. Midlands	Dull, misty, rainy.	"	-	4th.	5th.	03.10	58	56
10. N.E. England	Dull, misty, rainy.	Indiff.	Moderate.	10	5th.	04.00	57	60
11. E. Scotland	Dull, rainy, foggy.	Poor.	Slight.					
12. S.W. Scotland	Dull, misty, rainy.	Good.	"					
13. Isle of Man	Dull, misty.	Fair.	Smooth.					
14. N. & N.W. Scotland	Fair, squally, showery.	V. Poor.	Moderate.					
15. Hebrides	Fair, squally, showery.	Fair.	"					
16. Orkneys and Shetlands	Fair, misty.	"	"					
17. N.W. Ireland	Cloudy.	"	Smooth.					
18. N.E. Ireland	Dull, misty.	"	V. Smooth.					
19. S.E. Ireland	Dull.	"	Slight.					
20. S.W. Ireland	Dull, showery.	V. Good.	"					

GENERAL INFERENCE from observations received up to 9h. G.M.T.

A depression over the British Isles will move East or North-East. The wind will remain between S.W. and W. over the southern half of the Kingdom but will back through North to Northwest in Scotland. Showery and cool weather will continue for a day or two in all districts.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn at intervals of two millibars.  
**WIND.**—Direction is shown by the flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in figures per hour by figures in square circles.  
**TEMPERATURE.**—Isobars are drawn at intervals of 1°.  
**WEATHER SYMBOLS.**  
 ☉ clear sky.  
 ☁ sky & clouded.  
 ☂ overcast sky.  
 \* snow. ▲ hail.  
 T thunder.  
 SEA DISTURBANCE.— Rough. High.

Further Outlook.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 5th August, 1920.
1. S.E. England	Moderate to fresh S.W. wind; much low cloud, showery; some bright intervals; visibility fair to good; cool.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Moderate S.W. to W. wind; much low cloud, showery, bright intervals; visibility good; cool.
6. South Wales	
7. North Wales	Moderate Westerly wind; mainly dull, rain at times, clouds low; visibility fair to good; cool.
8. N.W. England	
9. N. Midlands	Same as 1-4.
10. N.E. England	
11. E. Scotland	Moderate N.E. wind, backing to N.W.; mainly dull, rainy, clouds low; visibility indifferent to fair; cool.
12. S.W. Scotland	
13. Isle of Man	Same as 7-9.
14. N. & N.W. Scotland	
15. Hebrides	Moderate to fresh N.E. wind; much low cloud, showery, bright intervals; visibility good; cool.
16. Orkneys and Shetlands	
17. N.W. Ireland	Moderate E. to NE. wind; much low cloud, some rain; visibility indifferent to fair; cool.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Settled fair weather is not likely to set in during the next three days.



Scale - 1:10,000,000

Nautical Miles. 100 0 100 200

Statute Miles. 100 0 100 200



Note  
French reports refer to 6h GMT

ALPHABETIC CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)			
Items too far to see	..	..	..
Very Poor	..	..	200
Different	..	..	1,000
Poor	..	..	2,000
Good	..	..	4,000
Very Good	..	..	7,000
Excellent	..	..	12,000
Objects visible beyond 20,000			20,000
Exceptional visibility			20,000

F.R.B., Director



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 218.

Thursday  
5th August

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 7 <sup>th</sup>																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h. 3 <sup>rd</sup> 9 <sup>th</sup>	Day. 9h-17h. 4 <sup>th</sup>	to 17h. 4 <sup>th</sup>	Sunrise to Sun- set. 3 <sup>rd</sup>			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h. 3 <sup>rd</sup> 9 <sup>th</sup>	Day. 9h-17h. 4 <sup>th</sup>	to 17h. 4 <sup>th</sup>	Sunrise to Sun- set. 3 <sup>rd</sup>
Scotland.	Oban ... ..	op	od	57	48	1	1	0.3	2.2	England, N.W.	Douglas (I.O.M.)	x	x	56	50	2	12	0.0	3.6
	Banff ... ..	bcpc	cpc	60	46	2	1	7.4	4.3		Blackpool ... ..	or	or	58	54	-	6	0.0	7.3
	Montrose ... ..	bc	c-o	63	47	-	-	5.1	7.6		Southport ... ..	orcr	r	61	54	0.3	5	0.2	6.5
	St. Andrews ... ..	x	x	61	47	-	1	4.2	5.4										
England, N.E.	Harrogate ... ..	obe	bcpr	59	47	4	4	1.2	7.3	Midlands.	Buxton ... ..	bcv, bc	bcvdr	57	48	0.3	2	0.8	5.4
	Scarborough ... ..	bc	or	63	48	2	1	1.0	6.9		Leamington Spa...	c.b	od	62	50	-	1	1.8	9.6
	Skegness ... ..	bc	bcop	64	49	-	0.1	3.7	10.5		Malvern ... ..	o	o	61	51	-	1	0.0	9.6
England, E.	Lowestoft ... ..	bee	c-o	66	50	-	-	5.2	12.2		Bath ... ..	o	or	60	53	-	1	0.0	10.6
	Felixstowe ... ..	b	o	64	53	-	-	0.5	9.7		Rhyl ... ..	bcpr	cp	56	51	0.4	2	0.6	6.9
	Southend-on-Sea...	c-o	oc	65	51	-	-	3.0	10.6		Colwyn Bay ... ..	x	x	61	51	-	3	0.4	7.7
											Llandudno ... ..	r	r	59	53	-	6	0.0	8.0
											Aberystwyth ... ..	r-or	ro	59	52	0.3	8	0.0	8.9
											Tenby ... ..	r	r	52	52	1	5	0.0	6.9
											Swansea ... ..	x	x	58	54	1	5	0.0	12.9
England, S.E.	Tunbridge Wells	cbe	cbe	63	47	-	-	2.0	9.0		Weymouth ... ..	c-o	o	63	56	-	-	0.1	10.7
	Margate ... ..	bc	e	65	51	-	-	4.2	7.1		Teignmouth ... ..	cp	c	61	54	-	-	0.0	10.7
	Ramsgate ... ..	x	x	64	57	-	-	4.5	8.1		Torquay ... ..	od-o	od-o	60	53	-	-	0.0	10.7
	Folkestone ... ..	r, b, bc	cbe	63	52	-	-	4.5	7.4		Paignton ... ..	c	o	62	49	-	-	0.0	11.5
	Hastings ... ..	obe	cbe, b	65	51	-	-	4.5	9.6		Penzance ... ..	or	or	61	53	1	1	0.0	10.6
	Eastbourne ... ..	c-o	cbe	65	53	-	-	4.8	9.7		Newquay ... ..	op	op-or	60	54	1	1	0.0	11.3
	Brighton ... ..	c-o	oc	63	53	-	-	2.8	11.4		Bude ... ..	p	p	63	53	1	1	0.0	9.7
	Worthing ... ..	bc-o	bee	64	51	-	-	4.7	12.2		Ilfracombe ... ..	op	op	59	54	2	1	0.1	11.3
	Littlehampton ... ..	bc	cv	64	60	-	-	4.0	12.2		Weston-s-Mare ... ..	bc-or	r	59	53	-	7	0.0	11.3
	Portsmouth (S <sup>th</sup> Sea)	x	x	64	55	-	-	1.8	12.5										
	Bournemouth ... ..	x	x	61	51	-	0.3	0.1	10.5										
	Ventnor (I. of W.)	x	x	62	53	-	-	3.0	12.8										

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.			THE BEAUFORT SCALE OF WIND FORCE.		
	WEATHER.				Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	RAINFALL.		Sun. Hours.						
	7h-13h.	13h-19h.	19h-24h.	24h-7h.				Day. 7h-13h.	Night. 13h-24h.							
Renfrew ...	oif	o, r	o, r	o, r	57	51	51	3	10	0.3	b blue sky (not more than a quarter covered).	No.	Limits of Velocity at about 30 feet above ground.	Statute miles per hour.	Metres per second.	
Eskdalemuir ...	o, dd	o, r	o, r	o, r	53	47	51	3	23	0.1	bc sky partly cloudy (one half covered).					
Valencia (Cahire) ...	oif	o, r	o, r	o, r	59	52	50	4	-	0.0	c generally cloudy (three quarters covered).	0	Less than 1	0.3-1.5		
Baldonnel ...	DD	o, r	o, r	o, r	62	48	48	4	8	0.0	d drizzle, or fine rain.	1	1-3	1.6-3.4		
Didsbury ...	c-o	o, r	o, r	o, r	54	53	47	2	14	0.0	e wet air without rain falling.	2	4-7	5.4-9.4		
Ross on Wye ...	c-o	o, r	o, r	o, r	61	53	52	2	6	0.7	f fog. g gloom.	3	8-12	8.5-17.4		
Falmouth ...	o, r	o, r	o, r	o, r	60	54	52	2	18	0.0	h hail. i lightning.	4	13-18	13.4-19.7		
Calshot (Hants) ...	c-o	o, r	o, r	o, r	62	56	58	-	6	2.5	m mist. o overcast sky.	5	19-24	19.7-25.9		
Lymington (Folkestone) ...	o, r	o, r	o, r	o, r	62	53	49	-	1	5.3	p passing showers.	6	25-31	25.9-31.7		
Aberdeen ...	bee	oif	oif	oif	64	52	51	-	5	5.5	q squalls. r rain.	7	32-38	31.7-38.5		
Howden ...	o, r	o, r	o, r	o, r	62	52	51	3	15	3.4	rs sleet, i.e., rain and snow together.	8	39-46	38.5-44.4		
Cranwell (Lines) ...	c-o	o, r	o, r	o, r	63	52	52	2	10	3.0	s snow. t thunder.	9	47-54	44.4-51.4		
Felixstowe ...	bee	oif	oif	oif	66	58	58	*	*	*	u ugly, threatening sky.	10	55-63	51.4-58.5		
Shoeburyness ...	b, bc	c-o	c-o	c-o	66	54	49	-	0.3	3.3	v unusual visibility.	11	64-76	58.5-69.4		
Benson ...	bee	oif	oif	oif	63	52	51	-	4	*	w dew. x hoar frost.	12	Above 76	85.4 or above		
S. Farnborough ...	o	oif	oif	oif	67	53	52	-	12	1.5	y dry air; humidity less than 60 per cent.					
London (Kew Obs.) ...	c-o	o	o	o	67	53	53	-	1	1.4	z dust haze; the turbid-atmosphere of dry weather.					
Croydon ...	c-oif	o	o	o	63	*	*	-	2	*	Capital letters indicate intensity, and repetition of letters continuity, thus:-					

LONDON OBSERVATIONS.		WEATHER.			Max. Temp.	Min. Temp.	Min. on Grass	Rain-fall.	Sun-shine to Sunset.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).		TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
		Morning.	Afternoon.	Night.	° F.	° F.	° F.	mm.	Hours.	10 h. G.M.T.	9 h. G.M.T.						
24 HOURS ENDED 5th G.M.T. 5th									YESTERDAY.		TO-DAY.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.		5th & 6th AUGUST 1880.		
													Stations.		Sunrise.	Noon.	Sunset.
													G.M.T.		G.M.T.	G.M.T.	G.M.T.
Greenwich (Royal Observatory)	o. op	op. o	a. d.	67	64	52	1	2.8	63	63	Total ... 108.4 ... Joules.		Yarmouth...	4.21	11.53	7.37	
City (Bunhill Row)	*	*	*	*	*	*	*	2.2	*	*	* (ill. wats.)		Greenwich	4.22	11.59	7.38	
Westminster (St. James's Park)	*	*	a. d. r.	65	55	52	1	2.1	62	79	Average Rate. 19.4			Wick	4.23	12.06	7.39
(Admiralty Arch)	bc, o, r	c, r	a. c. o. r.	66	56	*	1	2.6	67	88	Maximum Rate 70		Valencia ...		4.33	12.18	8.02
Camden Sq. (British Rainfall)	bc. c	o	*	68	55	53	1	*	61	77				Wick	4.14	12.18	8.02
Kensington Palace	c	c. c	*	65	55	52	1	*	62 (18h)	82			Valencia ...		4.16	12.27	8.03
Hampstead Observatory	*	*	*	62	53	*	2	1.9	*	85							

Photographic Record of

Pole Star (Polaris) and of 8 Ursae

Minoris at Greenwich Observatory.

Exposure from 21 h. 0 m. to 5 h. 3 m.

Stars.	Duration of Exposure.	Duration of Record.	
Polaris	h. m.	h. m.	%
8 Ursae	0 0	0 0	0
Minoris	6 0	0 0	0

NOTES ON THE WEATHER OF YESTERDAY.

Rain fell heavily in many places, 52 mm. at Holyhead, 30 mm. at Pembroke and 26 mm. at Eskdalemuir, but at Yarmouth there was practically none. At Nairn and Yarmouth five hours of bright sunshine were recorded, while Jersey had over six, but there was little or none in many parts of the country. The temperature nowhere reached 70°.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B. 31,442 ... FRIDAY, 6<sup>th</sup> AUGUST, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 15H.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H.																																				
STATIONS.	13H. G.M.T. OF 5 <sup>th</sup>											18H. G.M.T. OF 5 <sup>th</sup>																								
	Barom. at M.S.L.	Change in 3 hours.	Wind.	Weather.	Temp. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud.	Low Cloud.	Upper Cloud.	Sea.	Barom. at M.S.L.	Change in 3 hours.	Wind.	Weather.	Temp. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud.	Low Cloud.	Upper Cloud.	Sea.	Barom. at M.S.L.	Change in 3 hours.	Wind.	Weather.	Temp. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud.	Low Cloud.	Upper Cloud.	Sea.			
	mb.		Dir.					Feet.	Form.	Amt. 0-10.	0-9.	mb.		Dir.					Feet.	Form.	Amt. 0-10.	0-9.	mb.		Dir.						Feet.	Form.	Amt. 0-10.	0-9.		
Renfrew	994.8	+1	NE	3	59	85	5	1250	Nb	7	A-st	3	995.8	+1	N	1	56	92	5	2000	Nb	10	-	-	995.8	+1	N	1	56	92	5	2000	Nb	10	-	-
Edinburgh	994.1	0	S	3	57	85	6	2000	Nb	8	A-st	2	995.0	+1	WNW	3	53	92	5	2000	Nb	8	A-st	2	995.0	+1	WNW	3	53	92	5	2000	Nb	8	A-st	2
Valencia (Cahere's)	1012.7	+2	W	4	59	85	8	1250	St	5	-	4	1006.8	+6	NNW	5	58	75	8	2000	Cu	1	A-Cu	2	1006.8	+6	NNW	5	58	75	8	2000	Cu	1	A-Cu	2
Baldonnel	998.4	0	WSW	5	60	85	7	750	St	3	A-st	2	999.1	+2	W	4	58	85	5	2000	Cu	9	-	-	999.1	+2	W	4	58	85	5	2000	Cu	9	-	-
Didsbury	997.8	+1	W	5	60	65	5	2000	St	4	-	2	997.9	0	WSW	3	58	75	8	3000	St	9	-	-	997.9	0	WSW	3	58	75	8	3000	St	9	-	-
Ross on Wye	1000.1	+2	WNW	2	58	85	7	1250	Nb	8	A-st	2	1000.4	+1	W	4	58	75	8	3000	Cu	9	A-Cu	1	1000.4	+1	W	4	58	75	8	3000	Cu	9	A-Cu	1
Falmouth	1003.4	+2	SSW	3	54	85	8	3000	Cu	8	-	-	1005.4	+3	W	4	59	75	8	3000	Cu	6	-	-	1005.4	+3	W	4	59	75	8	3000	Cu	6	-	-
Calshot (Hants)	1001.7	+2	WSW	3	61	85	8	2000	Cu	7	A-Cu	1	1002.9	+3	W	3	58	85	9	3000	Cu	6	A-Cu	2	1002.9	+3	W	3	58	85	9	3000	Cu	6	A-Cu	2
Lymington (Folkestone)	1001.0	-1	SW	6	63	75	8	1250	St	8	A-st	1	1001.1	+1	WSW	4	58	75	9	4200	Cu	5	A-Cu	3	1001.1	+1	WSW	4	58	75	9	4200	Cu	5	A-Cu	3
Aberdeen	997.2	-1	ENE	2	55	92	5	750	Nb	10	-	3	996.2	-1	NNE	2	55	92	4	750	Nb	10	-	3	996.2	-1	NNE	2	55	92	4	750	Nb	10	-	3
Howden	996.8	+2	WSW	4	59	75	5	3000	St	3	-	-	996.2	+4	W	3	57	75	4	3000	St	7	-	-	996.2	+4	W	3	57	75	4	3000	St	7	-	-
Cranwell (Lincs)	998.0	-0	WSW	3	61	75	5	2000	Nb	9	A-st	1	998.9	+2	WSW	4	58	75	8	3000	St	3	-	-	998.9	+2	WSW	4	58	75	8	3000	St	3	-	-
Felixstowe	1001.1	-1	W	5	64	85	8	2000	Nb	4	A-st	1	1000.7	0	W	4	65	65	7	3000	Cu	4	A-st	4	1000.7	0	W	4	65	65	7	3000	Cu	4	A-st	4
Shoeburyness	999.8	-1	SSW	6	63	65	7	750	Cu	6	A-Cu	2	100.3	-2	SW	1	59	75	8	750	Cu	6	A-Cu	2	100.3	-2	SW	1	59	75	8	750	Cu	6	A-Cu	2
Benson	999.9	+1	WSW	4	64	55	7	-	Cu	3	-	-	1000.5	+1	WSW	3	62	65	8	-	Cu	3	-	-	1000.5	+1	WSW	3	62	65	8	-	Cu	3	-	-
S. Farnborough	1000.2	+1	WSW	3	65	65	8	2000	Nb	7	-	-	1001.1	0	SW	4	61	75	8	3000	Nb	5	A-st	1	1001.1	0	SW	4	61	75	8	3000	Nb	5	A-st	1
London (Kew Obs.)	1000.0	+1	WSW	4	66	65	8	3000	Cu	7	A-Cu	1	1001.1	+2	SSW	3	64	65	8	4200	Cu	1	Ci	3	1001.1	+2	SSW	3	64	65	8	4200	Cu	1	Ci	3
Croydon	1000.8	+2	WSW	4	64	75	8	3000	St	7	-	-	1001.9	+2	W	4	59	75	7	3000	Cu	2	A-st	2	1001.9	+2	W	4	59	75	7	3000	Cu	2	A-st	2
Renfrew	998.2	+3	N	3	51	85	6	3000	St	9	-	-	1004.0	+5	W	3	53	85	7	4200	St	3	Ci	2	1004.0	+5	W	3	53	85	7	4200	St	3	Ci	2
Edinburgh	998.2	+3	N	3	51	85	6	3000	St	9	-	-	1002.3	+4	N	4	50	75	7	-	St	6	A-Cu	3	1002.3	+4	N	4	50	75	7	-	St	6	A-Cu	3
Valencia (Cahre's)	1012.6	?	NNW	5	55	-	-	-	-	-	-	6	1015.5	+5	NNW	2	54	85	8	2000	St	7	-	-	1015.5	+5	NNW	2	54	85	8	2000	St	7	-	-
Baldonnel	1005.2	+5	WNW	4	53	92	4	750	St	10	-	-	1009.8	+6	W	4	51	92	6	750	St	7	A-st	2	1009.8	+6	W	4	51	92	6	750	St	7	A-st	2
Didsbury	997.8	+1	W	5	60	65	5	2000	St	4	-	-	1002.4	+5	WNW	4	58	75	8	3000	St	9	-	-	1002.4	+5	WNW	4	58	75	8	3000	St	9	-	-
Ross on Wye	1000.1	+2	WNW	2	58	85	7	1250	Nb	8	A-st	2	1000.4	+1	W	4	58	75	8	3000	Cu	9	A-Cu	1	1000.4	+1	W	4	58	75	8	3000	Cu	9	A-Cu	1
Falmouth	1003.4	+2	SSW	3	54	85	8	3000	Cu	8	-	-	1013.0	+5	WNW	4	54	92	4	-	Nb	10	-	-	1013.0	+5	WNW	4	54	92	4	-	Nb	10	-	-
Calshot (Hants)	1001.7	+2	WSW	3	61	85	8	2000	Cu	7	A-Cu	1	1007.5	+3	W	5	56	92	8	2000	St	10	-	-	1007.5	+3	W	5	56	92	8	2000	St	10	-	-
Lymington (Folkestone)	1001.0	-1	SW	6	63	75	8	1250	St	8	A-st	1	1004.8	+1	W	5	57	85	8	2000	Cu	5	A-Cu	3	1004.8	+1	W	5	57	85	8	2000	Cu	5	A-Cu	3
Aberdeen	997.2	-1	ENE	2	55	92	5	750	Nb	10	-	3	1000.5	+3	NW	5	51	85	6	750	Nb	5	A-st	5	1000.5	+3	NW	5	51	85	6	750	Nb	5	A-st	5
Howden	996.8	+2	WSW	4	59	75	5	3000	St	3	-	-	1000.8	+4	NW	3	55	92	6	1250	Cu	8	A-st	2	1000.8	+4	NW	3	55	92	6	1250	Cu	8	A-st	2
Cranwell (Lincs)	998.0	-0	WSW	3	61	75	5	2000	Nb	9	A-st	1	1001.2	+4	WNW	4	55	92	5	5700	Nb	10	-	-	1001.2	+4	WNW	4	55	92	5	5700	Nb	10	-	-
Felixstowe	1001.1	-1	W	5	64	85	8	2000	Nb	4	A-st	1	1003.9	+1	W	5	67	85	5	1250	Nb	10	-	-	1003.9	+1	W	5	67	85	5	1250	Nb	10	-	-
Shoeburyness	999.8	-1	SSW	6	63	65	7	750	Cu	6	A-Cu	2	1004.0	0	W	4	56	75	7	1250	St	8	A-st	2	1004.0	0	W	4	56	75	7	1250	St	8	A-st	2
Benson	999.9	+1	WSW	4	64	55	7	-	Cu	3	-	-	1004.6	+3	W	3	56	85	6	-	St	10	-	-	1004.6	+3	W	3	56	85	6	-	St	10	-	-
S. Farnborough	1000.2	+1	WSW	3	65	65	8	2000	Nb	7	-	-	1005.5	+2	WSW	4	56	85	7	2000	Nb	7	A-st	3	1005.5	+2	WSW	4	56	85	7	2000	Nb	7	A-st	3
London (Kew Obs.)	1000.0	+1	WSW	4	66	65	8	3000	Cu	7	A-Cu	1	1004.8</																							



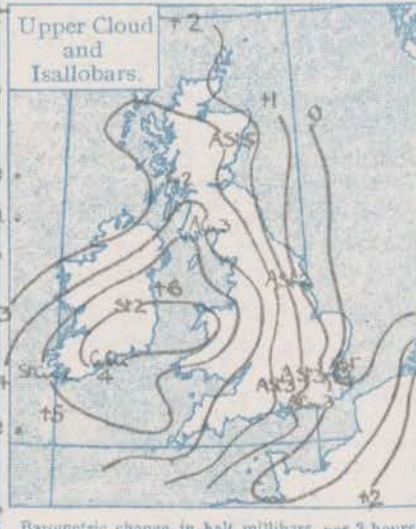
# SUMMARY OF CONDITIONS AT 7 h.G.M.T. 6.8.1920.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Cloudy or dull local	Good. R. Rough.	
2. E. England	Dull local mist drizzle.	Fair. Slight.	
3. E. Midlands	and rain.		
4. W. Midlands	Dull, local mist.	Indiff. -	
5. S.W. England	Dull.	Good. -	
6. South Wales	Cloudy or dull local	Indiff. R. Rough.	
7. North Wales	rain.	Fair. Moderate.	
8. N.W. England	Cloudy, squally.	" Rough.	
9. N. Midlands	Dull squally local rain.	Good. R. Rough.	
10. N.E. England	Dull.	Fair. -	
11. E. Scotland	Dull local mist & drizzle.	Indiff. Slight.	
12. S.W. Scotland	Cloudy or dull local	Fair. "	
13. Isle of Man	drizzle & mist.	Good. Moderate.	
14. N. & N.W. Scot-	Fair to dull.	" R. Rough.	
land	Fair to dull local	Fair. Slight.	
15. Hebrides	squalls.	Good. "	
16. Orkneys and	Dull misty.	Indiff. Moderat	
Shetlands	Dull misty.	" Smooth	
17. N.W. Ireland	Fair to cloudy local	" Moderate.	
18. N.E. Ireland	mist.	Fair. "	
19. S.E. Ireland	Cloudy or dull local	Good. Slight.	
20. S.W. Ireland	squalls.		

Temperature reported from Coastal and Cross Channel Steamers

Position Number.	Date	Time G.M.T.	Sea ° F	Air ° F
3	5 <sup>th</sup>	0925	55	56
6	5 <sup>th</sup>	1415	59	60
2	6 <sup>th</sup>	0110	55	56
12	6 <sup>th</sup>	0345	52	52
7	6 <sup>th</sup>	0350	59	58

CHART OF POSITION NUMBERS



GENERAL INFERENCE from observations received up to 9h. G.M.T.

The depression recently over the British Isles is approaching southern Norway and will continue to move N.E. Winds from between W. and N. are probable, which will blow strongly on the East coast, and the weather will be showery and very cool for at least 24 hours, but will then improve temporarily in the South of England.

EXPLANATION.  
BROMETER.—Isobars are drawn at intervals of two millibars.  
WIND.—Direction is shown by arrow pointing with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in feet per hour by figures in square boxes.  
TEMPERATURE.—Isobars are drawn at intervals of two millibars.  
WEATHER SYMBOLS.—  
clear sky. sky 1 clouded. sky 2 clouded. sky 3 clouded. overcast sky. snow. hail. fog. thunder. rain. high wind.  
SEA DISTURBANCE.—  
Rough. High.

Districts. Forecasts for the 24 hours commencing 15h.G.M.T. Friday, 6th August, 1920.

1. S.E. England	Fresh to strong W. to N.W. wind, moderating; much low cloud, passing showers, becoming finer temporarily; visibility good; very cool.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	Fresh to strong N.W. wind; moderating gradually; much low cloud, passing showers; visibility good; very cool.
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	Moderate to fresh NW. wind; much low cloud, passing showers; visibility good; very cool.
14. N. & N.W. Scot-	
land	
15. Hebrides	
16. Orkneys and	
Shetlands	
17. N.W. Ireland	Moderate N.W. wind, becoming lighter; much low cloud, passing showers, some bright intervals; visibility good; very cool.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Further Outlook.  
Settled fair weather is unlikely to set in within the next two or three days.



SYNOPTIC CHART FOR MORNING OF FRIDAY, 6<sup>th</sup> AUGUST, 1920

Scale - 1:10,000,000

Nautical Miles.  
Statute Miles.



Name \_\_\_\_\_

French reports refer to 6h G.M.T.

OBJECT CODE FOR SURFACE VISIBILITY (PAGE 1 & 2)			
Very Poor	11	200	50 metres (or yards)
Insufficient	21	1,000	100 metres (or yards)
Poor	31	2,000	200 metres (or yards)
Good	41	4,000	400 metres (or yards)
Very Good	51	7,000	700 metres (or yards)
Excellent	61	12,000	1200 metres (or yards)
		20,000	2000 metres (or yards)
		30,000	3000 metres (or yards)
		40,000	4000 metres (or yards)
		50,000	5000 metres (or yards)
		60,000	6000 metres (or yards)
		70,000	7000 metres (or yards)
		80,000	8000 metres (or yards)
		90,000	9000 metres (or yards)
		100,000	10000 metres (or yards)
		110,000	11000 metres (or yards)
		120,000	12000 metres (or yards)
		130,000	13000 metres (or yards)
		140,000	14000 metres (or yards)
		150,000	15000 metres (or yards)
		160,000	16000 metres (or yards)
		170,000	17000 metres (or yards)
		180,000	18000 metres (or yards)
		190,000	19000 metres (or yards)
		200,000	20000 metres (or yards)
		210,000	21000 metres (or yards)
		220,000	22000 metres (or yards)
		230,000	23000 metres (or yards)
		240,000	24000 metres (or yards)
		250,000	25000 metres (or yards)
		260,000	26000 metres (or yards)
		270,000	27000 metres (or yards)
		280,000	28000 metres (or yards)
		290,000	29000 metres (or yards)
		300,000	30000 metres (or yards)
		310,000	31000 metres (or yards)
		320,000	32000 metres (or yards)
		330,000	33000 metres (or yards)
		340,000	34000 metres (or yards)
		350,000	35000 metres (or yards)
		360,000	36000 metres (or yards)
		370,000	37000 metres (or yards)
		380,000	38000 metres (or yards)
		390,000	39000 metres (or yards)
		400,000	40000 metres (or yards)
		410,000	41000 metres (or yards)
		420,000	42000 metres (or yards)
		430,000	43000 metres (or yards)
		440,000	44000 metres (or yards)
		450,000	45000 metres (or yards)
		460,000	46000 metres (or yards)
		470,000	47000 metres (or yards)
		480,000	48000 metres (or yards)
		490,000	49000 metres (or yards)
		500,000	50000 metres (or yards)
		510,000	51000 metres (or yards)
		520,000	52000 metres (or yards)
		530,000	53000 metres (or yards)
		540,000	54000 metres (or yards)
		550,000	55000 metres (or yards)
		560,000	56000 metres (or yards)
		570,000	57000 metres (or yards)
		580,000	58000 metres (or yards)
		590,000	59000 metres (or yards)
		600,000	60000 metres (or yards)
		610,000	61000 metres (or yards)
		620,000	62000 metres (or yards)
		630,000	63000 metres (or yards)
		640,000	64000 metres (or yards)
		650,000	65000 metres (or yards)
		660,000	66000 metres (or yards)
		670,000	67000 metres (or yards)
		680,000	68000 metres (or yards)
		690,000	69000 metres (or yards)
		700,000	70000 metres (or yards)
		710,000	71000 metres (or yards)
		720,000	72000 metres (or yards)
		730,000	73000 metres (or yards)
		740,000	74000 metres (or yards)
		750,000	75000 metres (or yards)
		760,000	76000 metres (or yards)
		770,000	77000 metres (or yards)
		780,000	78000 metres (or yards)
		790,000	79000 metres (or yards)
		800,000	80000 metres (or yards)
		810,000	81000 metres (or yards)
		820,000	82000 metres (or yards)
		830,000	83000 metres (or yards)
		840,000	84000 metres (or yards)
		850,000	85000 metres (or yards)
		860,000	86000 metres (or yards)
		870,000	87000 metres (or yards)
		880,000	88000 metres (or yards)
		890,000	89000 metres (or yards)
		900,000	90000 metres (or yards)
		910,000	91000 metres (or yards)
		920,000	92000 metres (or yards)
		930,000	93000 metres (or yards)
		940,000	94000 metres (or yards)
		950,000	95000 metres (or yards)
		960,000	96000 metres (or yards)
		970,000	97000 metres (or yards)
		980,000	98000 metres (or yards)
		990,000	99000 metres (or yards)
		1,000,000	1,000,000 metres (or yards)



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 219.

Friday  
16 August 1920

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 5 <sup>th</sup>																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night 17h-9h.	Day 9h-17h.	to 17h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night 17h-9h.	Day 9h-17h.	to 17h.	Sunrise to Sunset.
Scotland.	Oban ... ..	or	d	59	50	12	3	0.0	0.3	England, N.W.	Douglas (I.O.M.)	x	x	60	52	22	-	1.3	0.0
	Banff ... ..	r	ro	55	51	2	5	0.0	7.8		Blackpool ... ..	ro	co	61	53	15	-	1.0	0.0
	Montrose ... ..	or	or	56	50	10	8	0.0	5.1		Southport ... ..	o.c.o.c	c.b.c	61	53	15	-	1.3	0.0
	St. Andrews ... ..	x	x	55	50	9	7	0.0	5.2										
England, N.E.	Harrogate ... ..	obcpe	cp	62	50	17	0.2	3.8	1.2	Midlands.	Buxton ... ..	o.c.o.c	c.o.c	55	50	15	0.3	0.0	0.8
	Scarborough ... ..	bc	b	69	48	13	-	4.4	1.0		Leamington Spa... ..	c.b	cp	63	51	9	0.4	2.7	0.0
	Skegness ... ..	op	op	64	49	7	3	2.7	4.0		Malvern ... ..	c	c	62	51	5	-	4.3	0.0
	Lowestoft ... ..	ogt	octlp	67	58	-	3	3.3	5.2		Bath ... ..	o.c.b.c	b.b.c	64	53	8	-	-	1.0
England, E.	Felixstowe ... ..	oybc	bc	69	58	0.4	0.4	4.7	0.5	Wales.	Rhyl ... ..	c	c	61	53	2	-	0.0	0.6
	Southend-on-Sea... ..	op.o.c	c.o.pH	70	54	0.4	3	4.8	3.0		Colwyn Bay ... ..	?	?	60	54	3	-	1.7	0.4
											Llandudno ... ..	*	*	60	53	5	0.1	0.8	0.0
											Aberystwyth ... ..	r.o.e	bc.o	59	54	15	-	3.6	0.0
England, S.E.	Tunbridge Wells	o.c	bc.opo	67	53	4	1	3.2	2.5	England, S.W.	Tenby ... ..	cbe	cbe	62	52	19	-	-	0.1
	Margate ... ..	c.beb	b.b.c	70	58	-	-	5.9	4.2		Swansea ... ..								
	Ramsgate ... ..	*	*	68	45	-	-	5.8	4.5		Weymouth ... ..	repe	cpe	66	54	14	4	4.7	0.0
	Folkestone ... ..	r.d.c	b.c	65	56	1	-	4.7	5.2		Teignmouth ... ..	c.bep	hrp	64	55	12	6	3.5	0.0
	Hastings ... ..	omrbc	b.c	66	56	4	0.2	5.0	6.4		Torquay ... ..	oreg	bc.oHr	61	55	13	11	4.2	0.0
	Eastbourne ... ..	odoc	c.b.c	64	57	4	0.3	5.9	6.2		Paignton ... ..	cp	hrp	66	53	16	1	6.2	0.0
	Brighton ... ..	o.c	b.c.o	65	57	3	-	4.9	4.1		Penzance ... ..	cpr	bc	63	55	18	0.1	7.9	0.0
	Worthing ... ..	obc	b.c	66	56	4	-	5.7	5.1		Newquay ... ..	bv	bp	61	54	9	-	6.3	0.0
	Littlehampton ... ..	?	?	65	58	3	-	4.6	4.1		Bude ... ..	o	b	63	55	8	-	5.8	0.0
	Portsmouth (Sibsea)	*	*	66	58	5	0.3	4.7	1.8		Ilfracombe ... ..	opc	cbe	61	55	15	0.2	4.5	0.1
	Bournemouth ... ..	*	*	64	52	8	1	5.0	0.1		Weston-s-Mare ... ..	b.c	b.c	64	53	14	-	-	-
	Ventnor (I. of W.)	*	*	61	54	5	1	5.1	3.0										

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT WIND FORCE.	
STATIONS.	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	RAINFALL.		Sun. Hours	Used only for surface observations.		
	7h-13h.	13h-18h.	18h-24h.	1h-7h.				Day. 7h-18h.	Night. 18h-7h.		No.	Limits of Velocity at about 33 feet above ground.	Statute miles per hour.
Renfrew ...	o2fr	o2fr	o3fr	o2bcs	59	50	47	3	4	0.0	b blue sky (not more than a quarter covered).		
Eskdalemuir ...	o1fr	o1fr	o2	c.0	57	49	45	4	4	0.0	bc sky partly cloudy (one half covered).		
Valencia (Cabre'ny) ...	c.0	c.0	c.0	c.0	60	52	46	4	1	5.8	c generally cloudy (three quarters covered).		
Baldonnel ...	o2	o2	o2	c.0	63	48		1	1	3.6	d drizzle, or fine rain.		
Didsbury ...	o2	o2	o2	c.0	61	54	48	Trace	6	*	e wet air without rain falling.		
Ross on Wye ...	c.0	c.0	c.0	c.0	64	53	49	2	-	2.9	f fog, g gloom.		
Falmouth ...	c.0	c.0	c.0	c.0	61	54	50	4	2	4.4	h hail, i lightning.		
Calshot (Hants)...	c.0	c.0	c.0	c.0	63	56	53	2	-	4.7	m mist, o overcast sky.		
Lymington (Folkestone) ...	c.0	c.0	c.0	c.0	65	51	48	2	-	5.1	p passing showers.		
Aberdeen ...	o2	o2	o2	c.0	58	51	49	6	2	0.0	q squalls, r rain.		
Howden ...	o1	o1	o1	c.0	63	53	50	-	1	2.0	rs sleet, i.e., rain and snow together.		
Cranwell (Lincs) ...	o2	o2	o2	c.0	64	53	*	2	4	2.7	s snow, t thunder.		
Felixstowe ...	o2	o2	o2	c.0	71	55	*	*	*	*	u ugly, threatening sky.		
Shoeburyness ...	c.0	c.0	c.0	c.0	67	54	50	3	0.2	5.9	v unusual visibility.		
Benson ...	c.0	c.0	c.0	c.0	68	51	48	-	-	*	w dew, x hoar frost.		
S. Farnborough ...	c.0	c.0	c.0	c.0	68	52	49	-	0.2	6.0	y dry air, humidity less than 60 per cent.		
London (Kew Obs.) ...	c.0	c.0	c.0	c.0	67	55	50	0.2	Trace	5.8	z dust haze; the turbid atmosphere of dry weather.		
Croydon ...	c.0	c.0	c.0	c.0	66	53	*	2	0.1	*	Capital letters indicate intensity, and repetition of letters continuity, thus:- R = heavy rain. rr = continuous moderate rain. r.f. = continuous light rain.		





## AIR MINISTRY.

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

BRITISH SECTION.

No. B. 21,443

SATURDAY, 7TH AUGUST, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 12H.

STATIONS.	BAROM. at M.S.L.	Change in 3 hours.	WIND. Direc. Force	Weather	TEMP. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud Form.	Sea 0-9.	BAROM. at M.S.L.	Change in 3 hours.	WIND. Direc. Force	Weather	TEMP. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud Form.	Sea 0-9.			
12H. G.M.T. OF 6 <sup>th</sup>												12H. G.M.T. OF 6 <sup>th</sup>													
Renfrew	1007.0	+3	NN	4	c	59	65	8	3.000	St. Cu	6	1010.4	+2	NNN	5	b	58	65	8	4200	St. Cu	2	A. Cu	1	4
Eskdalemuir	1006.1	+4	NN	4	bcif	57	65	6	-	-	-	1010.2	+4	NNN	4	o	55	65	7	4200	St. Cu	9	-	-	-
Valencia (Cahire'n)	1018.4	+3	NNN	3	b	59	70	8	3.000	St. Cu	3	1019.4	H	NN	2	bc	58	75	8	1250	St. Cu	2	Ci. Cu	4	3
Baldonnell	1012.6	+2	NN	4	od	56	65	7	750	St. Cu	2	1015.8	+3	W	3	o	57	75	7	3.000	St. Cu	7	A. Cu	2	-
Didsbury	1008.6	+5	N	5	o	57	75	6	5.000	St. Cu	8	1012.4	+5	NNN	5	oq	56	75	6	3.000	St. Cu	7	A. Cu	2	-
Ross on Wye	1011.1	+5	NNN	5	cqy	61	55	8	4.200	St. Cu	6	1014.5	+4	NNN	4	o	56	65	8	3.000	St. Cu	3	A. Cu	1	-
Falmouth	1016.2	+2	NNN	4	bc	63	65	8	3.000	St. Cu	5	1018.3	+1	NNN	3	b	59	75	8	-	St. Cu	1	-	-	-
Calshot (Hants)	1011.9	+5	NNN	5	c	63	65	8	3.000	St. Cu	8	1015.4	+5	NNN	4	c	60	75	8	5700	St. Cu	5	A. Cu	2	3
Lympe (Folkestone)	1007.4	+6	N	6	or	58	85	8	2.000	St. Cu	7	1012.9	+4	N	3	bcif	60	75	7	5700	St. Cu	4	-	-	-
Aberdeen	1004.9	+4	NN	5	o	55	75	8	750	St. Cu	9	1008.3	+3	NN	4	c	54	65	8	1250	St. Cu	8	-	-	4
Howden	1006.2	+4	NN	3	or	59	75	9	4.200	St. Cu	8	1009.3	+4	NNN	5	bcq	58	75	7	5700	St. Cu	4	A. Cu	1	-
Cranwell (Lincs)	1007.5	+5	N	5	o	58	85	6	750	St. Cu	5	1012.3	+4	NNN	5	b3	62	75	7	5700	St. Cu	1	A. St	1	2
Felixstowe	1008.5	+6	NNN	6	o.f	60	85	5	2.000	St. Cu	5	1012.5	+4	N	2	b	61	85	7	3.000	St. Cu	2	A. Cu	1	-
Shoeburyness	1008.6	+6	N	3	c	61	65	7	2.000	St. Cu	5	1013.4	+3	NN	4	c	61	65	6	-	St. Cu	6	-	-	-
Benson	1010.4	+4	NNN	4	o	59	75	5	-	St. Cu	10	1013.8	+4	NNN	3	c3	61	65	7	4200	St. Cu	4	A. Cu	3	-
S. Farnborough	1010.8	+5	NNN	3	o3	60	75	7	2.000	St. Cu	6	1014.1	+3	NNN	2	o	62	65	8	7200	St. Cu	9	-	-	-
London (Few Obs.)	1010.1	+4	N	3	o	62	65	8	2.000	St. Cu	9	1013.8	+2	N	3	cif	61	65	7	3.000	St. Cu	8	-	-	-
Croydon	1010.8	+4	N	4	o	60	75	8	1250	St. Cu	10	1013.8	+2	N	3	cif	61	65	7	3.000	St. Cu	8	-	-	-
1H. G.M.T. OF 7 <sup>th</sup>												7H. G.M.T. OF 7 <sup>th</sup>													
Renfrew	1014.6	+3	NN	3	cif	48	85	7	-	St. Cu	3	1016.0	+3	NNN	1	bmw	51	85	7	3.000	St. Cu	2	-	-	-
Eskdalemuir	1019.6	o	SSW	2	bc	52	-	-	-	-	-	1017.4	+4	NNN	3	o	49	75	8	-	St. Cu	10	-	-	-
Valencia (Cahire'n)	1019.6	o	SSW	2	bc	52	-	-	-	-	-	1016.8	-2	SE	3	o	55	85	8	1250	St. Cu	8	A. St	2	3
Baldonnell	1019.6	o	SSW	2	bc	52	-	-	-	-	-	1017.3	+2	NNN	2	o	53	85	7	4200	St. Cu	8	A. St	1	-
Didsbury	1019.6	o	SSW	2	bc	52	-	-	-	-	-	1018.3	+4	NNN	3	o2f	55	85	5	4200	St. Cu	6	-	-	-
Ross on Wye	1019.6	o	SSW	2	bc	52	-	-	-	-	-	1020.0	+4	NNN	1	bc	57	75	8	5700	St. Cu	1	Ci	3	-
Falmouth	1019.6	o	SSW	2	bc	52	-	-	-	-	-	1021.6	+2	N	1	c	54	92	7	-	-	-	-	-	-
Calshot (Hants)	1019.6	o	SSW	2	bc	52	-	-	-	-	-	1021.7	+6	NE	1	bc	57	85	8	4200	St. Cu	4	Ci	1	-
Lympe (Folkestone)	1017.5	+4	NNN	3	bcw	49	92	8	-	-	-	1019.9	+4	NN	2	oif	51	97	6	5700	St. Cu	4	-	-	-
Aberdeen	1016.3	+4	NNN	3	b	48	92	6	5700	St. Cu	1	1015.8	+4	NNN	3	bc	51	65	8	3.000	St. Cu	4	-	-	3
Howden	1016.3	+4	NNN	3	b	48	92	6	5700	St. Cu	1	1017.9	+3	-	o	o2fw	52	92	5	4200	St. Cu	5	A. St	4	-
Cranwell (Lincs)	1016.3	+4	NNN	3	b	48	92	6	5700	St. Cu	1	1019.4	+4	NNN	2	o2f	52	92	5	4200	St. Cu	7	-	-	-
Felixstowe	1016.3	+4	NNN	3	b	48	92	6	5700	St. Cu	1	1017.8	+4	NNN	3	bc3	54	85	6	5700	St. Cu	3	A. St	1	2
Shoeburyness	1016.3	+4	NNN	3	b	48	92	6	5700	St. Cu	1	1020.2	+2	N	1	oif	54	85	7	3.000	St. Cu	6	A. St	3	-
Benson	1016.3	+4	NNN	3	b	48	92	6	5700	St. Cu	1	1020.1	+1	N	1	b	55	85	5	-	-	-	-	-	-
S. Farnborough	1016.3	+4	NNN	3	b	48	92	6	5700	St. Cu	1	1021.2	+4	N	2	c	51	92	7	4200	St. Cu	2	Ci. Cu	1	-
London (M.O. at 1n.)	1017.8	+2	N	3	o2f	51	92	5	-	-	-	1020.7	+3	SW	1	omw	55	85	5	4200	St. Cu	9	-	-	-
Croydon	1018.2	+2	N	3	o2f	51	92	5	-	-	-	1020.8	+4	N	3	oif	54	85	6	2.000	St. Cu	6	A. Cu	4	-
STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.																									
STATIONS.	BAROM. at M.S.L.	TEMP. °F.	WIND. Direc. Force	Weather	BAROMETER. at M.S.L.	TEMPERATURE. Temp. °F.	WIND. Direc. Force	Weather	Sea 0-9.	Rainfall mm.	TEMP. Max. °F.	TEMP. Min. °F.	Morning.	Afternoon.	Night.	Sunshine Hours									
12H. G.M.T. OF 6 <sup>th</sup>																	7 <sup>th</sup>		6 <sup>th</sup>						
Lerwick	1005.6	51	NN	5	c	1009.7	+3	49	-2	NN	5	NN	cm	3	1	54	46	omr	c	cm	-				
Stornoway	1011.8	51	NNN	3	o	1010.4	+3	50	0	-	o	-	o	0	-	54	48	o	o	o	0.6				
Castlebay (Barra's)	1013.3	54	NN	4	o	1017.1	+1	52	-1	SE	1	-	o	1	-	57	50	bc. o	o. bc. o	o	8.6				
Malin Head	1012.1	54	NN	3	op	1015.7	o	52	-1	SW	2	SW	c	1	trace	55	51	bc	c	c	4.3				
Blackod Point	1017.0	56	NN	2	o	1010.3	-1	55	0	SSW	1	-	o	2	-	60	51	cm	cm	c. o	-				
Roche's Point	1018.7	56	NN	2	o	1020.0	o	55	0	SE	2	-	o	2	-	60	51	cm	cm	c. o	-				
Blr Castle	1018.7	56	NN	2	o	1018.8	o	53	-1	W	1	-	o	2	-	59	51	c	c	c. o	2.7				
Donaghadee	1017.6	58	N	1	c	1017.7	+2	53	-1	-	o	-	cm	1	trace	57	52	bcw	bcq	cm	-				
Liverpool (Bishop)	1013.0	57	NN	3	cmq	1018.5	+3	55	+1	NNN	3	-	o	3	-	59	53	c. opq	c. bc	c. o	5.2				
Holyhead	1014.0	58	N	4	cg	1018.6	+2	54	-1	NNN	4	NN	c	2	trace	61	52	cp. bc	bc. c	c. bc	4.2				
Pembroke (St. Ann's Head)	1018.7	59	N	3	bcv	1020.7	+2	55	-1	S	1	W	bcv	2	-	60	52	bcv	bcv	bcv. bcv	8.8				
Seilly (St. Mary's)	1019.3	59	NNN	2	b	1021.6	o	56	-1	W	1	SW	bc	2	o.1	62	56	c. bc	bc. b	bc. b	11.0				
Isle of Wight (St. Aubin's)	1018.6	61	N	3	b	1022.3	+1	57	-1	W	3	-	b	2	-	63	50	bc. c. b	b	bcw	10.5				
Portland Bill	1015.2	61	N	4	bc	1021.0	+3	60	+2	NN	3	NN	bc	4	-	63	56	c. bc	d. c	bc	-				
Dungeness	1013.1	63	W	5	bc	1020.3	+3	55	-4	NSW	2	W	c	3	-	68	45	c. bc	d. c	bc	-				
Wick	1007.8	61	NN	3	omq	1013.9	+4	51	0	NN	2	-	cmq	2	o.4	53	49	omq	omq	bcq	-				
Mairn	1009.8	55	NNN	2	c	1015.4	o	49	-2	NN	1	-	bc	1	-	56	40	cg	cg	cg	0.9				
Leith	1008.9	58	NN	2	c	1018.1	+2	50	-3	SW	1	-	b	1	-	61	44	o. c. bc	c. bc. c	cm. 3. b	-				
Lynmouth	1009.2	54	N	3	c	1018.9	+3	50	-3	N	2	-	cm	3	1	62	47	omr	cm	cm. cm	-				
Spurn Head	1009.5	<																							



# SUMMARY OF CONDITIONS AT 7 h.G.M.T. 7.8.1920.

Cross Channel Steamers									
Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.	Position Number.	Date	Time G.M.T.	Sea ° F.	Air ° F.	
1. S.E. England	Dull, misty.	Good.	Smooth.	4A.	6th	03.20	58	67	
2. E. England	Dull, misty.	Fair.	"	5	6th	07.10	54	55	
3. E. Midlands	Dull, misty.	Indiff.	-	3.	6th	09.25	55	66	
4. W. Midlands	Dull, misty.	"	-	1	6th	11.25	58	69.25	
5. S.W. England	Fair to dull.	Good.	Smooth.	2	7th	01.00	55.5	55	
6. South Wales	Fair, clear.	V.Good.	"	4A.	7th	02.00	57	55	
7. North Wales	Dull.	Fair.	"	7	7th	02.40	59	56	
8. N.W. England	Dull, local drizzle.	V.Good.	Moderate.	12	7th	03.02	52	52	
9. N. Midlands	Dull, misty.	Good.	-						
10. N.E. England	Dull, misty, local gloom.	Indiff.	Slight.						
11. E. Scotland	Fair, misty, squally.	V.Good.	"						
12. S.W. Scotland	Dull.	"	Smooth.						
13. Isle of Man	Dull, misty.	Good.	"						
14. N.&N.W.Scotland	Dull.	"	V.Smooth						
15. Hebrides	Dull.	Fair.	"						
16. Orkneys and Shetlands	Dull.	Good.	Slight						
17. N.W. Ireland	Dull.	Fair.	Smooth						
18. N.E. Ireland	Dull, misty.	Good.	V.Smooth						
19. S.E. Ireland	Dull.	"	Smooth.						
20. S.W. Ireland	Dull.	V.Good.	Slight.						

Upper Cloud and Isobars

Barometric change in half millibars per 3 hours

GENERAL INFERENCE from observations received up to 9h. G.M.T.

A new depression which has appeared off the West of Ireland will cause a renewal of Southerly winds and unsettled weather, beginning in the West and spreading Eastward.

**EXPLANATION.**  
**BAROMETER.**—Isobars are shown at intervals of two millibars.  
**WIND.**—Direction is shown by the flying with the wind. Force is indicated by the number of feathers. Mean velocity is shown in feet per hour by figures in small circles.  
**TEMPERATURE SYMBOLS.**  
 clear sky. ☉  
 sky & clouded. ☁  
 overcast sky. ☁  
 \* snow. ❄  
 † thunder. ⚡  
**SEA DISTURBANCE.**— Rough. ~~~~~  
 Further Outlook.

Unsettled generally

Districts.	Forecasts for the 24 hours commencing 15h.G.M.T. Saturday, 7th August, 1920.
1. S.E. England	Wind W. backing to S. light or moderate; fine today some rain on Sunday; visibility good, then deteriorating; warmer than of late.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Wind Southerly, moderate; cloudy or overcast, some rain; visibility fair; moderate temperature.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Light variable winds freshening later from S.E.; fair early unsettled later; visibility mainly good; temperature moderate.
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	
14. N.&N.W. Scotland	
15. Hebrides	Moderate N.W. wind, backing and moderating later; fair but local showers; visibility good; cool.
16. Orkneys and Shetlands	
17. N.W. Ireland	Winds Southerly, moderate; dull some rain; visibility fair, local mist; moderate temperature.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

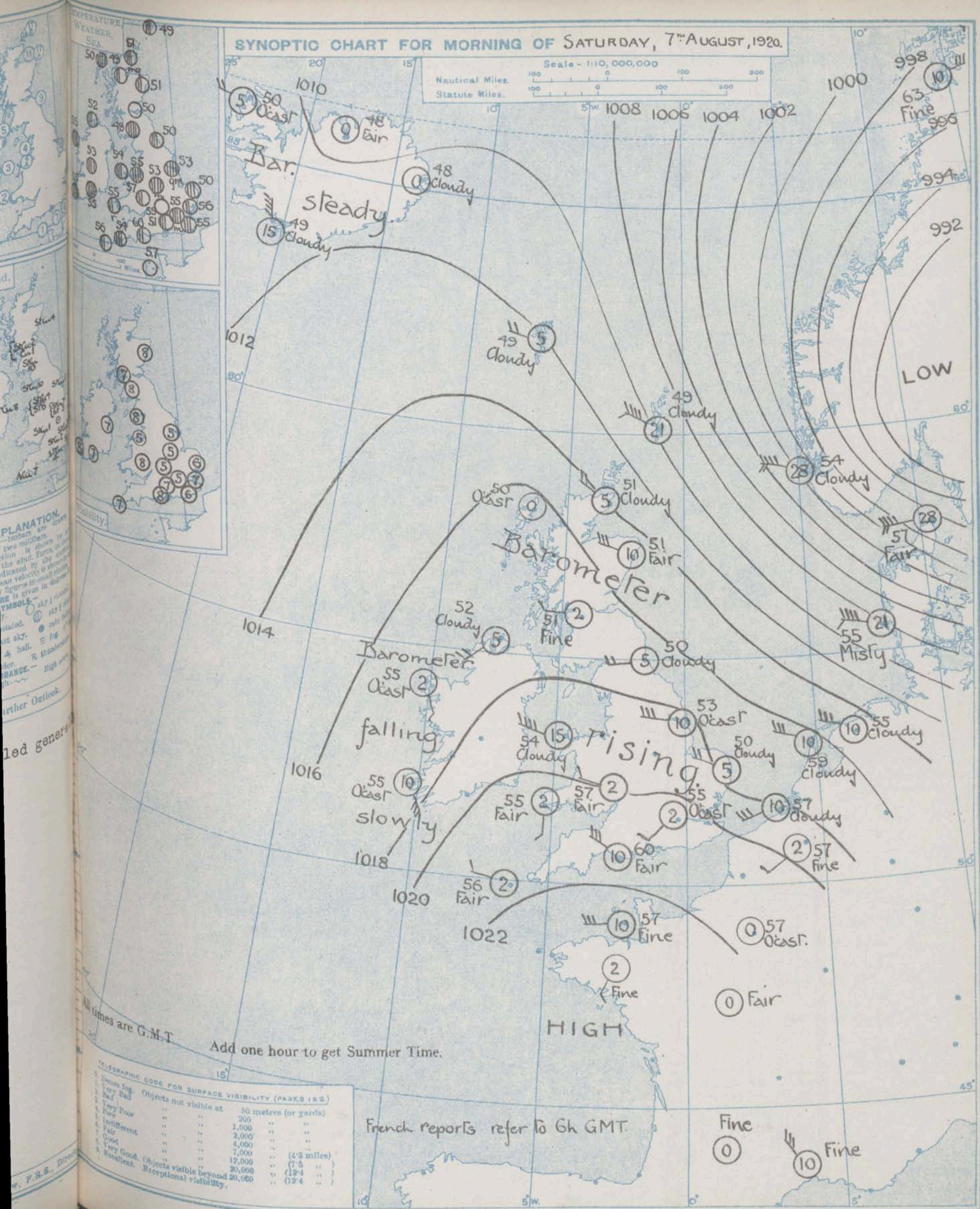
ES.B.



SYNOPTIC CHART FOR MORNING OF SATURDAY, 7<sup>th</sup> AUGUST, 1920.

Scale - 1:10,000,000

Nautical Miles.  
Statute Miles.



French reports refer to 6h GMT.

Fine (0) Fine (10)



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 220

Saturday  
7th August

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 6 <sup>th</sup>																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-19h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-19h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.
Scotland.	Oban ... ..	bc		58	50	-	-	2.5	2.0	England, N.W.	Douglas (I.O.M.)	-	-	58	51	1	-	8.9	1.3
	Banff ... ..	d.	g.o	55	50	4	0.2	0.4	0.0		Blackpool ... ..	bc.c		56	56	2	-	4.0	1.0
	Montrose ... ..	o.b.c		60	51	3	1	2.1	0.0		Southport ... ..	o.c.c.c	c.b.c	59	?	3	-	1.7	1.3
	St. Andrews ... ..	-	-	63	50	6	-	4.9	0.0										
England, N.E.	Harrogate ... ..	o.b.c.c	c	62	52	-	-	1.4	3.8	Midlands.	Buxton ... ..	bc.c.c	bc.b.c	56	50	10	1	1.4	0.0
	Scarborough ... ..	o	bc	64	52	1	-	0.4	4.8		Leamington Spa ... ..	c.b	c	63	53	1	-	4.6	3.7
	Skegness ... ..	op	am	60	53	1	0.2	0.0	3.3		Malvern ... ..	o.c	bc	62	63	0.2	-	3.3	4.9
England, E.	Lowestoft ... ..	op.c	c.op.u	61	53	1	1	0.6	3.8		Bath ... ..	o.c.b.c	o.c.b.c	61	55	0.2	-	2.8	0.0
	Felixstowe ... ..	op.p	bc	64	56	-	0.2	1.7	5.3		Rhyl ... ..	c. ?bc	c. ?bc	65	54	1	-	2.5	1.3
	Southend-on-Sea ... ..	ad.o	ac	63	53	1	-	0.3	4.6		Colwyn Bay ... ..	-	-	60	54	2	-	4.7	1.9
											Llandudno ... ..	-	-	60	53	3	-	2.0	0.8
											Aberystwyth ... ..	o.c.c	c.b.c	59	52	2	-	8.2	3.9
											Tenby ... ..	bc	c.b.c	63	54	1	-	6.4	?
											Swansea ... ..	-	-	64	55	1	-	5.3	6.3
England, S.E.	Tunbridge Wells	c.b.c	o	64	52	-	-	1.5	3.8		Weymouth ... ..	c	c	66	56	-	-	4.9	3.5
	Margate ... ..	or.c	c	64	53	1	-	1.3	5.9		Teignmouth ... ..	bc	bc	64	57	0.4	-	5.8	4.3
	Ramsgate ... ..	-	-	64	52	1	-	1.6	5.9		Torquay ... ..	o.c.b.c	bc.b.c	64	55	1	-	5.8	4.8
	Folkestone ... ..	p.c	d.c.b.c	66	55	-	-	3.2	4.8		Paignton ... ..	o.c	bc.c	66	54	0.3	-	9.5	7.6
	Hastings ... ..	op.c.b.c	bc.c	65	54	4	-	3.7	5.0		Penzance ... ..	bc	bc.b	64	54	-	-	7.0	9.2
	Eastbourne ... ..	o.c	c.b.c.c	65	56	2	-	6.2	6.1		Newquay ... ..	bc.b	b	61	55	0.3	-	5.4	7.5
	Brighton ... ..	o.c	o.c	64	58	2	-	1.5	4.9		Bude ... ..	c	b	63	59	br.c	-	6.2	7.4
	Worthing ... ..	c	bc.c	64	57	1	-	2.6	6.2		Ilfracombe ... ..	o.c.b.c	bc.c	60	56	1	-	3.0	5.2
	Littlehampton ... ..	bc	bc	66	62	-	-	4.7	4.8		Weston-s-Mare ... ..	bc.c	bc	63	56	-	-	-	-
	Portsmouth (S. of sea)	-	-	66	57	-	-	3.0	4.9										
	Bournemouth ... ..	-	-	65	54	2	-	6.6	7.5										
	Ventnor (I. of W.)	-	-	64	56	-	-	7.0	5.1										

STATIONS.	SUMMARIES FOR PAST 24 HOURS.											Sun. Hours.		BEAUFORT NOTATION.		THE BEAUFORT SCALE WIND FORCE.		
	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	RAINFALL.		Limits of Velocity at about 30 feet above ground.	Statute miles per hour.					Metres per second.		
	7h-13h	13h-18h	18h-19h	19h-7h				Day. 7h-18h	Night. 18h-7h			No.						
Renfrew ...	c.c.c	b.b.c	b.b.c	b.b.c	61	43	33	mm.	mm.	7.2	b blue sky (not more than a quarter covered).	0	Less than 1	0.2-1.5				
Eskdalemuir ...	c.c.c	bc.c	bc.c	b.c	61	41	32	-	-	6.9	bc sky partly cloudy (one half covered).	1	1-3	1.6-5.5				
Valencia (Cahiro'n) ...	c.c.b.c	b.b.c	bc.c	c.c	55	47	44	-	-	11.9	c generally cloudy (three quarters covered).	2	4-7	5.1-6.4				
Baldonnel ...	c.c	c.c	c.c	c	62	47	*	trace	trace	5.8	d drizzle, or fine rain.	3	8-12	5.5-7.9				
Didsbury ...	c.c.c	c.c	b.c	c.c	60	49	41	1	-	*	e wet air without rain falling.	4	15-18	8.6-10.7				
Ross on Wye ...	c.c.c	bc.c	bc.c	c.c	64	52	47	-	-	3.5	f fog, g gloom.	5	19-24	10.8-13.8				
Falmouth ...	c.c.b.c	bc.c	bc.c	bc.c	64	49	44	trace	-	10.3	h hail, i lightning.	6	25-31	13.9-17.1				
Calshot (Hants) ...	c.c	g.b.c	g.c	c.c	65	52	49	-	-	8.2	m mist, o overcast sky.	7	32-38	17.2-20.7				
Lympne (Folkestone) ...	c.c	c.c	bc.c	bc.c	63	45	36	1	-	2.9	p passing showers.	8	39-46	20.8-24.9				
Aberdeen ...	c.c	c.c	c.c	c.c	56	42	42	-	-	1.9	q squalls, r rain.	9	47-54	24.3-28.4				
Howden ...	c.c	c.c	c.c	c.c	61	44	40	-	trace	1.2	rs sleet, i.e., rain and snow together.	10	65-63	25.3-32.5				
Cranwell (Lincs) ...	c.c	c.c	c.c	c.c	62	46	44	0.2	-	3.0	s snow, t thunder.	11	64-75	33.2 or above	12	Above 75	33.2 or above	
Felixstowe ...	c.c	c.c	c.c	c.c	64	60	*	*	*	*	u ugly, threatening sky.							
Shoeburyness ...	c.c	bc.c	bc.c	bc.c	64	49	42	0.1	-	1.1	v unusual visibility.							
Benson ...	c.c	b.c	b.c	b.c	64	43	40	-	-	*	w dew, x hoar frost.							
S. Farnborough ...	c.c	c.c	c.c	c.c	65	44	38	-	-	2.8	y dry air; humidity less than 60 per cent.							
London (New Obey.) ...	c.c	c.c	c.c	c.c	64	49	40	-	-	1.4	z dust haze; the turbid atmosphere of dry weather.							
Croydon ...	c.c	c.c	c.c	c.c	63	52	*	-	-	*	Capital letters indicate intensity, and repetition of letters continuity, thus:- R = heavy rain. rr = continuous moderate rain. r.r. = continuous light rain.							

LONDON. OBSERVATIONS.		WEATHER.			Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.				
		Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.		7 <sup>th</sup> 3 <sup>rd</sup> 8 <sup>th</sup> August 1920	Stations.	Sunrise.	Noon.	Sunset.
24 HOURS ENDED 9h G.M.T. ...										YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday		Total 836 Joules.	Greenwich	Wick	Valencia ...
												Miliweirs.					
Greenwich (Royal Observatory)	o	o	o.b.o.b	65	49	41	-	1.5	65	66	Average Rate. 15.4						
City (Bunhill Row) ...	*	*	*	*	*	*	*	1.2	*	*	Maximum Rate. 59						
Westminster (St. James's Park)	*	*	o.b.c	64	48	39	-	1.5	63	63							
.. (Admiralty Arch)	om	om.c	bc.c	65	51	*	-	1.2	72	72							
Camden Sq. (British Rainfall)	o.c.c	bc	*	67	47	44	-	*	61	73							
Kensington Palace ...	c	c	*	65	49	43	-	*	60 (18h)	64							
Hampstead Observatory ...	*	*	*	62	47	*	0.2	0.8	*	76							

Photographic Record of

Pole Star (Polaris) and of 3 Ursae

Minoris at Greenwich Observatory.

Exposure from 6<sup>h</sup>. 21<sup>m</sup>. h. p. m.

to 7<sup>h</sup>. 3<sup>m</sup>. h. d. m.

Stars.	Duration of Exposure.	Duration of Record.
Polaris	h. m. 6. 0	h. m. 5. 7
3 Ursae	h. m. 6. 0	h. m. 4. 49
Minoris		% 85

NOTES ON THE WEATHER OF YESTERDAY.

Continuous light rain fell almost throughout the day at Yarmouth but in other parts of the Kingdom precipitation was confined to slight showers. Sunshine was most abundant in the West, Valencia registering 11.9 hours and Scilly 11 hours. Temperature was low for the season the maximum being no higher than 53° at Wick.



00N

TEMPERATURE  
Max. Min.  
77 70  
80 70  
83 81  
84 64  
81 70  
86 75  
88 79  
93 73  
97 75  
97 72  
97 75

Weather. Sea.

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AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.21,444

Sunday 8<sup>th</sup> August.....1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.

STATIONS.	Barom.	Change in 3 hours.	WIND.		Temp. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	Barom.	Change in 3 hours.	WIND.		Temp. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.
	at M.S.L. mb.		Dir.	Force 0-12.					Form.	Amt. 0-10.	Form.	Amt. 0-10.		at M.S.L. mb.		Dir.	Force 0-12.					Form.	Amt. 0-10.	Form.	Amt. 0-10.	
	12H. G.M.T.															18H. G.M.T. OF										
Renfrew	1013.0	+1	WSW	3	57	63	8	3000	Sc	10	-	-	4	1013.0	0	SSW	3	56	75	7	4200	Sc	9	Ac	1	-
Eskdalemuir	1013.5	+1	SW	4	55	65	8	3000	Sc	10	-	-	4	1013.9	0	SSW	4	53	75	8	3000	Sc	1	-	-	
Valencia (Cahoon)	1013.4	-1	SSW	5	58	92	6	2000	Sc	9	ASr	1	4	1011.0	-2	S	4	50	97	5	<500	Sc	10	-	-	
Baldonnell	1017.0	-2	SW	3	63	75	7	3000	Sc	7	ASr	3	4	1016.6	-2	S	1	53	75	7	1250	Sc	6	ASr	4	
Dunbury	1019.8	+1	SW	1	62	65	5	4200	Sc	10	-	-	4	1019.4	0	SW	1	62	65	7	-	-	-	-	-	
Ross on Wye	1020.2	0	WNW	2	62	75	7	5700	Sc	6	ASr	3	4	1019.9	0	SW	2	60	65	8	4200	Sc	1	Ac	3	
Falmouth	1021.6	+2	SSE	2	62	75	8	3000	Cu	5	Ci	3	4	1020.9	0	SSW	2	60	65	8	-	-	3	Ci	2	
Cashiot (Hants)	1022.2	0	SW	3	65	65	8	4200	Sc	4	Ac	2	2	1022.4	0	WSW	3	60	85	8	-	-	-	ASr	7	
Lymington (Folkestone)	1021.5	0	WSW	4	61	75	8	1250	Sc	8	ASr	2	4	1022.0	+1	SW	4	59	75	8	5700	Sc	4	Ci	4	
Aberdeen	1019.3	+1	SSE	2	60	65	8	2000	Cu	2	-	-	3	1017.1	0	S	3	54	85	8	-	-	-	-	3	
Howden	1019.4	0	NW	4	61	65	6	4200	Sc	5	ASr	4	4	1020.2	+1	-	0	59	85	6	-	-	-	ASr	3	
Cranwell (Lincs)	1020.6	0	SW	2	61	65	6	4200	Sc	6	-	-	4	1020.9	0	SSW	1	62	75	7	4200	Sc	5	ASr	5	
Felixstowe	1021.3	0	WNW	3	62	75	6	4200	Sc	6	-	-	4	1022.2	0	S	3	60	85	6	4200	Cu	2	Ac	3	
Shoeburyness	1021.2	+1	W	1	65	65	6	4200	Sc	4	Ac	3	4	1021.7	0	W	1	64	65	6	3000	Nb	3	Ac	6	
Benson	1020.6	0	WSW	2	67	65	5	-	Cu	3	Ci	3	4	1020.4	0	WSW	1	66	65	6	-	Cu	5	Ci	1	
S. Farnborough	1021.3	0	WSW	2	67	65	7	4200	Sc	5	Ac	3	4	1021.5	0	SW	2	63	75	8	4200	Sc	4	Ac	4	
London (New Ob.)	1021.4	0	W	2	65	65	8	7200	Sc	8	-	-	4	1021.4	0	SW	1	66	65	8	1250	Sc	6	Ci	2	
Croydon	1021.6	+1	W	2	64	65	8	4200	Sc	6	Ci	2	4	1021.9	+1	WSW	3	62	75	8	3000	Sc	6	ASr	2	
1H. G.M.T. OF														7H. G.M.T. OF												
Renfrew	1017.6	-2	S	1	48	92	6	-	Sc	3	ASr	7	4	1017.9	-2	E	1	54	97	4	1250	Nb	10	-	-	
Eskdalemuir	1009.5	0	WSW	2	58	92	6	-	Sc	3	ASr	7	4	1014.8	-1	S	1	51	97	5	2000	Nb	1	ASr	9	
Valencia (Cahoon)	1022.9	-4	-	0	58	92	1	750	Nb	10	-	-	4	1009.8	+2	SW	3	58	92	6	750	Sc	2	-	-	
Baldonnell	1018.9	-4	-	0	58	92	1	750	Nb	10	-	-	4	1010.5	+1	SSW	3	59	92	5	750	Sc	2	-	-	
Dunbury	1018.5	-2	S	2	56	92	7	-	-	-	-	-	4	1016.8	-2	SSE	4	53	85	7	7200	Sc	3	ASr	6	
Ross on Wye	1020.7	-2	ESE	1	56	97	8	2000	Sc	2	Ac	3	4	1017.5	-1	SW	2	58	85	8	750	Sc	3	Ac	2	
Falmouth	1021.6	-1	SSW	1	50	97	8	-	-	-	-	-	4	1016.8	-1	SSW	2	58	92	7	-	Nb	9	Ac	4	
Cashiot (Hants)	1020.7	-2	ESE	1	56	97	8	2000	Sc	2	Ac	3	4	1018.7	-2	S	3	62	85	8	-	-	-	ASr	1	
Lymington (Folkestone)	1021.6	-1	SSW	1	50	97	8	-	-	-	-	-	4	1018.0	0	SE	3	57	85	8	-	-	-	Ac	4	
Aberdeen	1019.0	-2	-	0	49	97	4	5700	Sc	3	Ac	5	4	1015.3	0	S	1	54	85	6	4200	Sc	9	-	-	
Howden	1020.4	-1	S	2	49	92	6	-	-	-	-	-	4	1017.8	-1	S	2	52	92	5	4200	Sc	6	ASr	3	
Cranwell (Lincs)	1020.4	-1	S	2	49	92	6	-	-	-	-	-	4	1019.4	0	S	3	54	92	7	-	-	-	ASr	5	
Felixstowe	1020.3	0	SW	1	61	75	7	4200	Cu	1	Ci	3	4	1020.3	0	SW	1	61	75	7	4200	Cu	1	Ci	4	
Shoeburyness	1020.3	0	SW	1	61	75	7	4200	Cu	1	Ci	3	4	1019.0	-1	SE	2	55	92	5	-	-	-	Ci	4	
Benson	1020.1	0	S	1	57	85	8	-	-	-	-	-	4	1019.3	0	SSE	2	55	92	6	4200	Sc	2	Ci	3	
S. Farnborough	1020.2	-1	SSE	2	59	88	7	3000	Cu	2	Ci	4	4	1020.1	0	S	1	57	85	8	-	-	-	Ac	2	
London (New Ob.)	1020.2	-1	SSE	2	59	88	7	3000	Cu	2	Ci	4	4	1020.2	-1	SSE	2	59	88	7	3000	Cu	2	Ci	4	
Croydon	1020.2	-1	SSE	2	59	88	7	3000	Cu	2	Ci	4	4	1020.2	-1	SSE	2	59	88	7	3000	Cu	2	Ci	4	

STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.

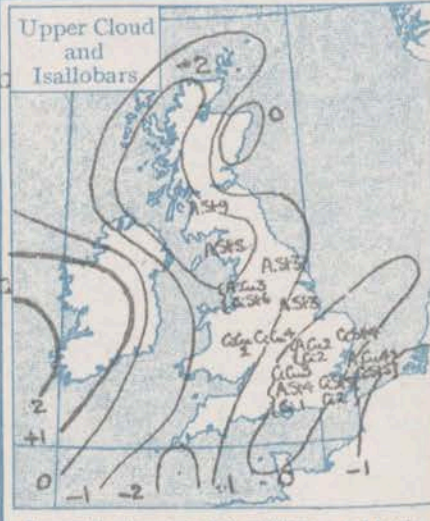
STATIONS.	Barom. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.
			Dir.	Force 0-12.		at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	
12H. G.M.T. of 7 <sup>h</sup>						7H. G.M.T. of 8 <sup>h</sup>						24 HOURS ENDED 7H. of 8 <sup>h</sup>						7 <sup>h</sup>			
Letwick	1015.3	52	W	3	bc	1015.3	-1	52	+3	-	0	-	c	0	-	57	45	bem	bem	em	4.9
Stornoway	1016.2	55	SSE	2	bc	1015.3	-1	53	+3	ENE	1	-	o	1	-	59	48	oc	c bc	em	4.9
Cableway (Barra)	1016.2	54	SE	4	o	1011.9	-1	53	+3	-	-	-	-	-	-	-	-	-	-	-	-
Blackhead	1014.5	56	SW	1	op	1006.6	-2	57	+5	SSE	2	-	omv	1	6	57	52	c	c	op	0.0
Roche's Point	1014.4	57	SSE	4	fe	1011.6	+1	57	+2	SW	1	-	f	2	14	61	54	o	orfe	df	0.0
Bir Castle	1014.2	57	SE	2	r	1009.1	58	+5	SW	1	-	-	c	8	61	52	c	c or	orc	0.0	
Donaghadee	1017.3	55	S	2	em	1011.2	-2	56	+3	S	4	-	omv	3	10	59	53	em	em	omv	0.0
Liverpool (Bidston)	1019.2	60	-	0	c	1015.3	-2	54	-1	SE	3	SW	o	2	-	62	52	oc	oc	bc o	3.0
Holyhead	1018.7	58	SSW	4	og	1013.0	-2	56	+2	S	5	-	orm	4	8	61	53	c bc	co	c o rm	3.0
Bambrook (St. Mary's)	1019.8	58	S	3	bcv	1015.1	-1	56	+1	S	5	-	ogt	4	1	61	55	bcv	bcv	bc o rm	7.5
Jersey (St. Aubin)	1019.8	60	SSE	3	bc	1015.0	-2	58	+2	S	4	S	c	5	0.1	63	56	bcv	c bc	co	9.2
Portland Bill	1022.0	66	S	3	b	1018.9	0	63	+6	SSE	2	-	b	2	-	66	55	b	b	bw	12.3
Wexham	1021.7	61	WSW	3	bc	1018.5	0	60	0	SSE	3	-	bc	3	-	63	56	bc	bc	bc	0.0
Wick	1021.7	61	WSW	3	c	1020.3	-1	59	+4	S	3	SW	bc	3	-	65	52	bcc	c bc	bc	0.0
Wair	1016.7	52	E	1	c	1012.2	-2	52	+1	E	2	-	c	2	-	57	50	bem	bcc	c	12.2
Leith	1015.2	59	E	2	c	1012.2	-2	52	+3	-	0	-	od	1	0.1	63	43	bcv	bbcc	c g	0.0
Lyonsmouth	1017.2	60	NW	1	c	1014.0	-1	52	+2	E	1	-	rm	1	5	62	50	b2.bcb	b	c o mv	0.0
Yarmouth Head	1018.9	56	S	3	om	1016.1	-2	55	+5	SSW	2	-	bem	3	-	58	50	em	em	em	0.0
Yarmouth (for London)	1020.2	60	W	2	cgm	1018.9	-1	56	+3	SSW	3	-	em	3	-	62	57	ogm	ogm	bc m	3.0
Claughton-on-Sea	1021.1	62	SSW	3	c	1020.3	0	59	+9	SW	2	-	em	1	-	64	50	c	c	c m	2.9
Wexham	1021.6	62	SSE	3	c	1020.3	0	59	+3	SSE	3	W	c	2	-	63	54	bcc	c	c	2.1
Wexham	1019.9	64	SW	1	c	1018.5	-	53	0	S	2	S	b	x	-	67	48	oc	c	bc b	2.1



### SUMMARY OF CONDITIONS AT 7 h. G.M.T. 8.8.20.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.	Position Number.	Date	Time G.M.T.	Sea ° F	Air ° F
1. S.E. England	Fine, local mist.	Good	Smooth	5	7 <sup>th</sup>	0710	54	54
2. E. England	Fair, misty.	"	V. Smooth	3	7 <sup>th</sup>	0925	55	57
3. E. Midlands	Dull to fine.	"	-	6	7 <sup>th</sup>	1420	61	62
4. W. Midlands	Dull.	"	-	2	8 <sup>th</sup>	0110	56	57
5. S.W. England	Dull.	"	R. Rough	7	8 <sup>th</sup>	0200	60	58
6. South Wales	Dull, rainy, squally.	Poor.	Mod.	4 <sup>a</sup>	8 <sup>th</sup>	0230	63	64
7. North Wales	Dull, rainy, misty.	"	"	3	8 <sup>th</sup>	0925	55	56
8. N.W. England	Dull, exceptional visibility.	Excellt.	Slight					
9. N. Midlands	Dull, misty.	Fair.	-					
10. N.E. England	Fair, misty.	Indif.	V. Smooth					
11. E. Scotland	Dull, drizzle.	Fair.	Smooth					
12. S.W. Scotland	Dull, rainy, misty.	Indif.	Slight					
13. Isle of Man	Dull, rainy, misty.	Poor.	-					
14. N. & N.W. Scotland	Dull, misty.	Fair.	Smooth					
15. Hebrides	Dull.	"	V. Smooth					
16. Orkneys and Shetlands	Dull, misty.	"	Calm.					
17. N.W. Ireland								
18. N.E. Ireland	Dull heavy rain & mist.	Poor.	Slight					
19. S.E. Ireland	Foggy.	Bad.	Smooth					
20. S.W. Ireland	Dull, misty.	Fair.	Slight.					

Cross Channel Streamers



Barometric change in half millibars, per 3 hours

GENERAL INFERENCE from observations received up to 9h. G.M.T.

Dull to rainy weather continues to spread in from the Atlantic. Over Eastern England a brief interval of fine weather will be replaced by thundery conditions. Over the British Isles generally the wind will be moderate from South or South-West and the weather will be unsettled for the next few days.

**EXPLANATION.**  
**BAROMETER.**—Isobars are lines of equal pressure. Intervals of two millibars.  
 Wind.—Direction shown by the arrow.  
 Wind.—with the wind. Force by the number of flags.  
 0-12. is indicated by the number of feathers. Mean velocity is shown by the number of flags.  
 per hour by figures in degrees.  
**TEMPERATURE.**—Is given in degrees.  
**WEATHER SYMBOLS.**—  
 clear sky. ☉ sky 1/4 cloudy. ☁ sky 1/2 cloudy. ☁ overcast sky. ☁ rain. ☁ snow. ☁ hail. ☁ F. Mist/fog. ☁ T. thunder. ☁ High =  
**SEA DISTURBANCE.**—  
 Rough. ⚡

Further Outlook.

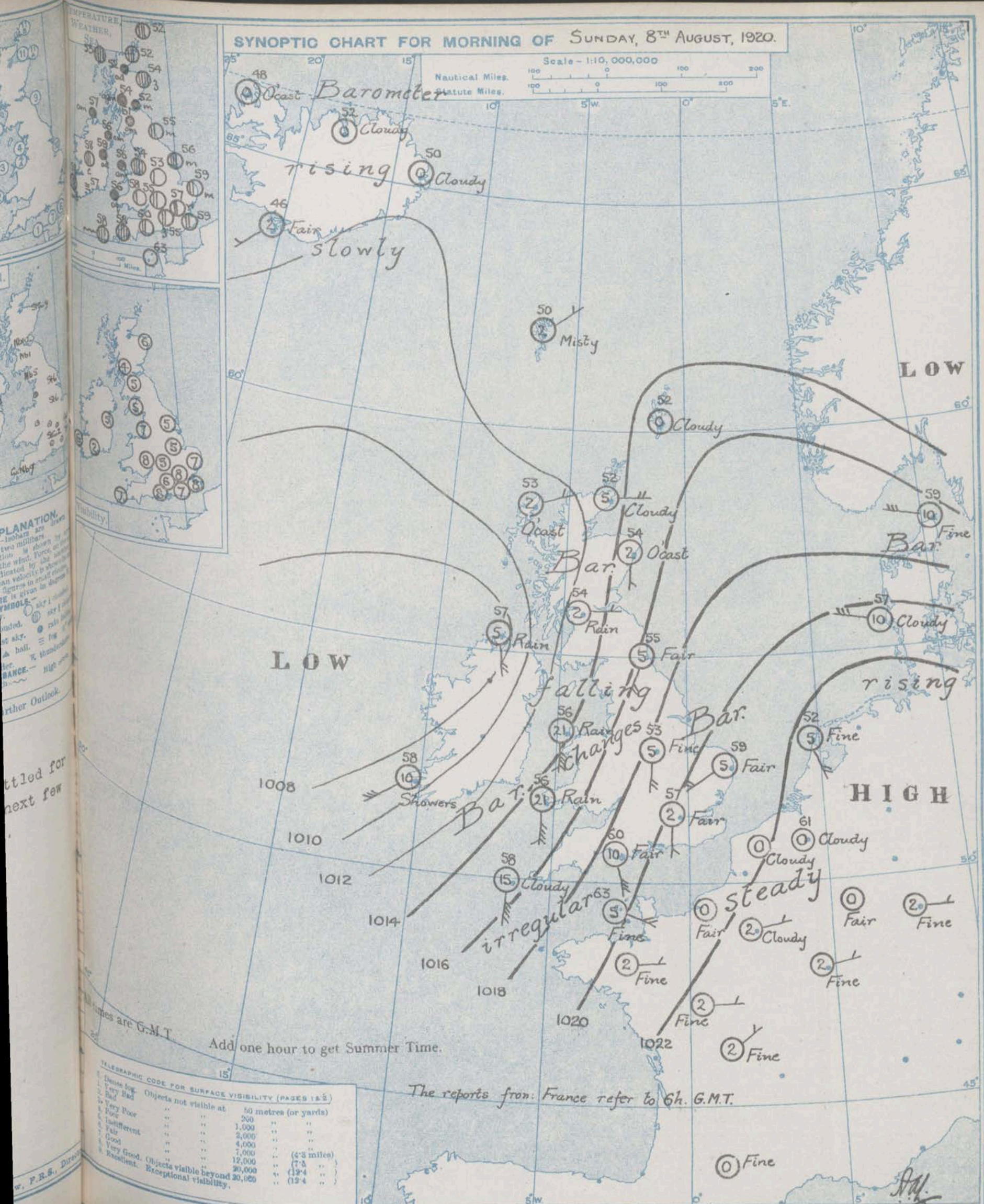
Districts.	Forecasts for the 24 hours commencing 15h.G.M.T.Sunday. 8th August, 1920.
1. S.E. England	Moderate Southerly breeze; considerable amount of high and low cloud at times, some rain, local thunderstorms, visibility fair to good; rather warm.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Moderate Southerly breeze; cloudy, some rain, thunder locally; visibility fair to good; moderate temperature.
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	Light to moderate S.E. breeze; cloudy, some rain later; visibility fair; moderate temperature.
14. N.&N.W.Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Same as 6 - 13.
18. N.E. Ireland	
19. S.E. Ireland	Moderate S to SW wind; much low cloud, some rain; visibility indifferent to fair; moderate temperature.
20. S.W. Ireland	

Unsettled for  
the next few  
days.



# SYNOPTIC CHART FOR MORNING OF SUNDAY, 8<sup>TH</sup> AUGUST, 1920.

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



PLANATION.  
Isobars are lines of equal pressure. They are drawn at intervals of 2, 4, 6, 8, 10, 12, 14, 16, 18, and 20 millibars. The wind force is shown by the number of lines radiating from the station. The direction of the wind is given by the position of the lines. The temperature is given in degrees Celsius. The humidity is given in percent. The visibility is given in miles. The cloudiness is given in tenths of the sky.

settled for next few

times are G.M.T.

Add one hour to get Summer Time.

The reports from France refer to 6h. G.M.T.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)

Visibility	Code
Dense fog. Objects not visible at 50 metres (or yards)	0
Very Bad	1
Bad	2
Very Poor	3
Poor	4
Insufficient	5
Fair	6
Good	7
Very Good. Objects visible beyond 12,000 "	8
Excellent. Objects visible beyond 20,000 "	9
Exceptional visibility.	10

P.R.S. Director



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 221.

Sunday  
8<sup>th</sup> AugustWEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 7<sup>th</sup>

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 12h-9h.	Day, 9h-12h.	to 17h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 12h-9h.	Day, 9h-12h.	to 17h.	Sunrise to Sunset.
Scotland.									Douglas (I.O.M.)								
Oban ...	bc	c	59	50	-	-	2.0	2.5	Blackpool ...	o	c	53	51	-	-	2.6	4.0
Banff ...	bc.b	bbc	58	50	-	-	10.2	0.5	Southport ...	oc.c	oc.be	61	54	-	-	2.5	3.5
Montrose ...	bc	bc	58	40	-	-	12.1	4.2									
St. Andrews ...																	
England, N.E.									Midlands.								
Harrogate ...	oc.c	oc	60	47	-	-	1.9	3.2	Buxton ...	cbe.b	bcvbc	59	48	-	-	1.2	2.4
Scarborough ...	b	b	64	48	-	-	3.1	3.2	Leamington Spa ...	cb	cb	66	47	-	-	4.8	3.0
Skegness ...									Malvern ...	bc	bc	65	52	-	-	5.5	6.5
Lowestoft ...									Bath ...	bbe.c	beco	67	49	-	-	6.1	3.4
Felixstowe ...	og	c	63	51	-	-	2.1	2.7									
Southend-on-Sea ...	oc	bec	71	47	-	-	4.0	1.1									
England, E.									Wales.								
Tunbridge Wells	bbe	bee	67	45	-	-	4.3	2.3	Rhyl ...								
Margate ...	bac	c	65	53	-	-	2.8	1.3	Colwyn Bay ...								
Ramsgate ...	*	*	63	45	-	-	3.3	1.6	Llandudno ...	*	*	65	54	-	-	7.0	2.0
Folkestone ...	cbe	abc	65	50	-	-	3.0	2.4	Aberystwyth ...	oc.c	bbe	63	54	-	-	7.9	9.2
Hastings ...	cbe.b	bee	66	50	-	-	5.3	2.7	Tenby ...	bc	bc	64	55	0.3	-	-	-
Eastbourne ...	bee	bc	65	49	-	-	4.6	6.7	Swansea ...								
Brighton ...																	
Worthing ...	bc	bc	66	48	-	-	10.1	3.7	Weymouth ...								
Littlehampton ...	b	bc	66	60	-	-	10.4	5.0	Teignmouth ...								
Portsmouth (Sthsea)	-	-	67	52	-	-	9.6	5.5	Torquay ...	bcbbe	bebc	66	51	-	-	7.5	6.4
Bournemouth ...	*	*	67	48	-	-	7.0	6.5	Paignton ...								
Ventnor (I. of W.)	*	*	64	52	-	-	10.9	7.0	Penzance ...	bc	bee	62	51	-	-	8.0	11.2
									Newquay ...								
									Bude ...	b	bc	64	57	-	-	7.5	6.5
									Ilfracombe ...	cbe.c	c	63	54	-	-	9.0	6.3
									Weston-s-Mare ...								

## SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUN.	
	7h-12h.	12h-17h.	17h-12h.	12h-17h.	Day, 7h-12h.	Night, 12h-17h.	Hours.	Hours.
Renfrew ...	o	o.f	o.ozf	o.f.R	59	50	49	3.5
Esdailemuir ...	o.b.o	o	o	o.f	57	46	44	1.4
Valencia (Cahire'n)	o.f.r	o.f.r	o.f.r	c.o.p	60	54	55	0.0
Baldonnel ...	o	o.p	o.r	q.v	65	52	Trace	1.5
Didsbury ...	o.f	coz	bee	c.o.z	64	50	41	*
Ross on Wye ...	bbe.co	co.bce	bee	bee.co	68	50	43	7.0
Falmouth ...	co	c.o.bce	c.o.bce	c.o.bce	64	54	49	7.6
Calshot (Hants) ...	bee.co	bee.co	b.be	b.be	68	55	50	9.2
Lymington (Folkestone)	o.f.e.o	o.c	bee.b.be	b.be	63	49	40	5.0
Aberdeen ...	bbe.bbe	bbe.b	b.be	b.be	60	47	37	12.1
Howden ...	z.o	z.o	bee.f	ste.o.f	62	48	44	1.5
Cranwell (Lincs) ...	o.f	co	a.c.o.bbe	b.be.c	65	48	*	2.8
Felixstowe ...	coz	coz.bee						
Shoeburyness ...	co	bee.o	b.be	b.be	68	45	40	3.8
Benson ...	bbe	bbe	b	b.be	68	43	41	*
S. Farnborough ...	bee.f	bee.f	bee.b.be	bee	69	48	40	6.3
London (Rex Obs.)	w.bee	bee	b.be	b.be	68	47	41	5.6
Croydon ...	bbe.bee	co.bee	c.o.bbe	b.be.f	67	51	*	*

## BEAUFORT NOTATION.

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.  
 e wet air without rain falling.  
 f fog. g gloom.  
 h hail. i lightning.  
 m mist. o overcast sky.  
 p passing showers.  
 q squalls. r rain.  
 rs sleet, i.e., rain and snow together.  
 s snow. t thunder.  
 u ugly, threatening sky.  
 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.

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

## THE BEAUFORT SCALE OF WIND FORCE.

Limits of Velocity at about 30 feet above ground.		Miles per hour.	Meters per second.
No.	Force.		
0	Less than 1	0-1.5	0-0.4
1	1-3	1.6-3.9	0.5-1.0
2	4-7	4.0-5.4	1.1-1.5
3	8-13	5.5-7.9	1.6-2.2
4	14-18	8.0-10.7	2.3-3.0
5	19-24	10.8-13.9	3.0-3.8
6	25-31	14.0-17.7	3.9-5.0
7	32-36	17.8-20.7	5.0-5.8
8	37-46	20.8-24.4	5.8-6.8
9	47-54	24.5-28.1	6.8-7.8
10	55-63	28.2-33.6	7.8-9.3
11	64-75	33.7-39.3	9.4-10.9
12	Above 75	39.4 or above	10.9 or above

## SYMBOLS—

Aurora ☄ Solar halo ☉  
 Rain ☔ Lunar halo ☾  
 Glazed frost ☑ Solar corona ☼  
 Glazed roads ☐ Lunar corona ☾

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).		TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.					
WEATHER.		Max Temp.		Min Temp.		Min. on Grass.		Rain-fall.		Sun-shine to Sunset.		Humidity %					
Morning.	Afternoon.	Night.	° F.	° F.	° F.	° F.	° F.	mm.	Hours.	12 h. G.M.T.	9 h. G.M.T.						
24 HOURS ENDED 9h G.M.T.										YESTERDAY.		TO-DAY.					
Greenwich (Royal Observatory)	o	o.c	bc.b.bc	71	48	42	-	5.4	57	62	Vertical Component of Solar Radiation per Square Centimetre during yesterday.						
City (Bunhill Row)	*	*	*	68	51	-	*	?	50	61	Total ..... Joules						
Westminster (St. James's Park)	*	*	*	70	54	-	*	5.6	70	72	Milliwatts.						
(Admiralty Arch)	bcz	ev	evbc	72	50	46	-	*	60	57	Average Rate.						
Camden Sq. (British Rainfall)	bc.c	c.bc	*	69	49	41	-	*	61 (18h)	60	Maximum Rate.						
Kensington Palace	bc	bc	*														
Hampstead Observatory	*	*	*														

Photographic Record of  
 Pole Star (Polaris) and of 3 Ursae  
 Minors at Greenwich Observatory.

Exposure from ... h ... m.			
to ... h ... m.			
Stars.	Duration of Exposure.	Duration of Record.	%
Polaris	h. m.	h. m.	%
3 Ursae			
Minors			

## NOTES ON THE WEATHER OF YESTERDAY.

Rain fell in Ireland, Wales, and South Scotland, the largest amount 19 mm at Valencia. Bright sunshine was most abundant in N.E.Scotland and parts of the South coast of England, Jersey, Nairn, Aberdeen and Montrose all reporting 12 hours. Temperature was again below normal, failing to reach 60° at some northern stations. The highest maximum was 71° at Southend-on-Sea.



DON:  
20.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:  
BRITISH SECTION. No. B. A. 145 MONDAY, 9th AUGUST, 1920.

TEMPERATURE.		OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 12H.																											
Max.	Min.	12H. G.M.T. 8 <sup>th</sup>														12H. G.M.T. OF 9 <sup>th</sup>													
°F.	°F.	Barom. at M.S.L. mb.	Change in 3 hours.	WIND. Force 0-12.	Weather	Temp. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.	Barom. at M.S.L. mb.	Change in 3 hours.	WIND. Force 0-12.	Weather	Temp. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.		
84	70	1011.2	-1	S 5	oif	59	85	7	1250	Nb	8	A-st	2	2	1009.9	0	S 4	3	60	85	7	1250	StCu	3	A-cu	4	*		
84	73	1013.1	-1	S 3	odm	57	97	7	1250	Nb	10	-	-	2	1011.7	-2	SSW 5	odm	56	92	5	1250	Nb	10	-	-	*		
91	70	1013.1	+3	WSW 3	c	60	75	8	3000	StCu	4	A-cu	1	4	1013.4	0	SW 4	0	58	75	8	1250	St.	10	-	-	4		
82	64	1011.7	-1	SSW 4	OR	62	92	7	1250	StCu	2	-	-	2	1011.1	+2	W 4	of.	61	85	6	2000	(StNb)	2	-	-	*		
78	64	1015.2	-2	S 4	0	64	65	8	4200	StCu	10	-	-	*	1013.8	-1	SSW 2	of.m	61	75	5	3000	Nb	9	A-cu	1	*		
84	72	1015.5	-1	SW 3	0	68	65	8	5700	Cu	6	A-cu	3	*	1014.5	-2	SW 2	0	64	75	7	3000	StCu	9	-	-	*		
85	73	1015.9	-1	SSW 5	oemq	61	97	4	-	Nb	10	-	-	*	1016.7	+1	WSW 4	b	62	75	7	-	Cu	3	-	-	*		
81	75	1018.0	-1	SW 3	b	70	55	8	3000	Cu	1	A-st	2	2	1017.2	-1	SW 3	c	63	65	8	3000	StCu	3	-	-	2		
84	77	1019.8	-1	SSE 4	b	65	65	8	-	-	-	A-st	1	*	1017.3	-2	SSW 3	bc	61	65	8	-	-	-	-	*			
90	72	1013.3	-2	SSE 3	oif	57	85	4	3000	St.	10	-	-	2	1011.0	-2	S 3	oif	56	92	4	2000	Nb	10	-	-	2		
97	73	1015.1	-3	SSW 4	bcz	70	55	6	4200	Cu	3	Ci	2	*	1013.7	-1	SW 1	orm	63	85	6	2000	Nb	7	A-st	2	*		
90	72	1016.7	-2	S 5	eq	70	55	7	4200	Cu	2	Ci	6	*	1015.0	-2	S 3	0	68	65	8	4200	StCu	6	A-st	3	*		
97	73	1018.7	-2	SW 3	by	75	45	7	4200	Cu	1	Ci	1	*	1017.0	-1	SW 3	by	69	65	7	-	-	-	A-cu	2	*		
90	72	1016.3	-2	S 3	bc	73	55	7	-	StCu	3	Ci	3	*	1015.1	-1	SSW 3	bc	67	55	8	-	StCu	6	-	-	*		
97	73	1017.7	-1	SSW 3	bey	71	55	7	4200	StCu	4	Ci	2	*	1016.3	-1	S 3	c	68	65	7	3000	St	5	A-cu	2	*		
97	73	1017.4	-2	S 3	bey	71	55	8	2000	Cu	1	Ci	3	*	1016.3	-1	S 3	by	71	65	8	-	-	-	A-cu	1	*		
97	72	1018.2	-1	S 4	bey	70	55	8	3000	Cu	2	Ci	4	*	1016.8	-1	SW 3	by	67	65	8	4200	Cu	1	A-cu	2	*		
STATIONS.		1H. G.M.T. OF 9 <sup>th</sup>														7H. G.M.T. OF 9 <sup>th</sup>													
Renfrew		*	*	*	*	*	*	*	*	*	*	*	*	*	1011.1	+2	WSW 2	oif	54	92	6	2000	StCu	7	-	-	*		
Eskdalemuir		1010.9	-1	SSW 2	oife	55	97	2	750	Nb	10	-	-	-	1011.2	+1	W 2	0	54	85	7	1250	StCu	7	A-st	2	*		
Valencia (Cahire'n)		1015.7	+4	WNW 5	ond	54	*	*	*	*	*	*	*	5	1019.7	+3	WNW 3	c	60	85	8	1250	Cu	3	-	-	4		
Baldonnel		1011.6	-1	WSW 3	or	53	92	4	2000	St.	10	-	-	-	1014.1	+3	WNW 3	0	54	97	5	1250	St	2	-	-	*		
Didsbury		*	*	*	*	*	*	*	*	*	*	*	*	*	1013.2	0	SW 2	0	55	92	4	3000	StCu	8	A-cu	1	*		
Ross on Wye		1018.5	0	WSW 3	b	55	92	7	-	-	-	-	-	-	1014.7	0	SW 4	c	58	85	7	3000	Cu	6	Ci	1	*		
Falmouth		1017.1	0	WSW 2	b	58	97	8	2000	St	3	-	-	-	1019.2	+1	SW 3	orf	57	85	5	2000	Nb	10	-	-	*		
Calshot (Hants)		1016.6	-1	SSW 1	c	57	85	8	5700	StCu	8	-	-	-	1017.6	+1	WSW 3	b	59	85	8	2000	StCu	3	-	-	2		
Lymington (Falkenstein)		*	*	*	*	*	*	*	*	*	*	*	*	*	1016.4	+1	W 4	bc	59	92	8	2000	StCu	5	-	-	*		
Aberdeen		1012.8	-1	-	0	57	97	5	3000	StCu	9	-	-	-	1011.2	0	-	0	57	92	2	4200	StCu	6	Ci	1	2		
Howden		1014.5	-1	SW 3	bc	58	85	7	5700	StCu	4	-	-	-	1012.9	+1	SSW 1	oif	54	92	5	2000	St.	8	A-st	2	*		
Cranwell (Lincoln)		*	*	*	*	*	*	*	*	*	*	*	*	*	1014.3	0	SW 4	cif	55	85	7	3000	StCu	6	-	-	*		
Felixstowe		*	*	*	*	*	*	*	*	*	*	*	*	*	1016.4	+1	W 4	c2	60	92	5	4200	StCu	7	A-st	1	2		
Shoeburyness		*	*	*	*	*	*	*	*	*	*	*	*	*	1016.2	0	W 2	b	60	75	7	4200	Cu	2	A-cu	1	*		
Benson		1015.7	-1	*	*	*	*	*	*	*	*	*	*	*	1015.6	0	WSW 3	c	56	85	7	-	St	8	-	-	*		
S. Farnborough		1016.6	-2	SSW 3	bif	58	92	7	3000	StCu	6	-	-	-	1016.7	+1	WSW 3	b2	56	85	7	3000	St	2	-	-	*		
London (Kew Obs.)		1016.6	-2	SSW 3	bif	58	92	7	3000	StCu	6	-	-	-	1016.6	+1	SW 3	bmw	58	85	6	4200	Cu	2	-	-	*		
Croydon		1016.6	-2	SSW 3	bif	58	92	7	3000	StCu	6	-	-	-	1016.8	+1	WSW 3	bif	58	85	7	2000	Cu	2	-	-	*		
STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.		12H. G.M.T. OF 9 <sup>th</sup>														7H. G.M.T. OF 9 <sup>th</sup>													
STATIONS.		Barom. at M.S.L. mb.	Temp. °F.	WIND. Force 0-12.	Weather	Barometer. at M.S.L. mb.	Change in 3 hours.	TEMPERATURE. Temp. °F.	Change in 24 hours.	WIND. Force 0-12.	Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	Temp. Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	Sunshine Hours.									
Lerwick		1011.4	57	SSE 3	omp	1011.7	0	56	+4	SE 3	-	omr	1	2	59	50	bem	em	omr	*									
Stornoway		1008.2	54	ESE 1	or	1011.0	+2	55	+2	-	0	opd	0	9	55	52	or	or	odp	0.0									
Castell Bay (Barrals)		1007.7	56	SE 2	op	1011.7	+2	55	-	0	-	0	1	3	57	54	rd	ofop	qpo	0.0									
Malin Head		1007.9	57	W 2	c	1010.7	0	55	-2	W 2	-	omd	2	7	63	52	cpb	cb	omd	3.7									
Blackhead Point		1014.0	60	WSW 4	0	1017.9	+8	57	0	NW 2	-	c	2	1	64	50	ocp	cpbco	c	*									
Roe's Point		1011.1	61	SW 3	c	1016.1	-	55	-3	W 1	-	0	-	1	65	52	cp.e	cp.e	cpo	7.8									
Birr Castle		1009.7	59	S 2	omr	1011.9	+2	56	0	W 1	-	bem	0	5	63	53	omr	bomp	omr	*									
Donaghadee		1014.7	61	S 3	0	1012.9	+1	55	+1	WSW 1	-	0	1	3	64	54	op	pco	cop	2.7									
Liverpool (Midson)		1012.1	59	SSW 5	bqf	1011.3	0	55	-1	SW 4	-	og	3	5	61	54	orqpm	pcf	pcog	2.4									
Holyhead		1014.6	59	WSW 3	b	1015.0	-1	57	+1	WSW 5	-	og	4	6	61	55	og	ome	b.bce	3.9									
Pembroke (St. Mary's)		1016.6	61	W 3	b	1020.0	0	57	-1	WNW 5	W	c	5	3	64	58	omrbc	bc	bcep	6.9									
Ballyvaughan (St. Mary's)		1017.8	69	WNW 3	b	1020.1	+1	60	-3	W 3	W	b	3	-	71	58	b	bc	bc	12.5									
Jersey (St. Aubin)		1015.9	61	SW 5	0	1017.2	+2	59	-1	W 5	W	c	4	2	63	56	bc	bc	bc	*									
Portland Bill		1017.5	65	SSW 2	b	1016.5	0	61	+2	SW 3	SW	b	3	-	67	56	bc	bc	bc	*									
Wick		1008.8	55	S 2	omd	1009.5	+2	55	+3	-	0	bem	1	1	56	50	comp	omp	o.bem	*									
Plymouth		1008.5	62	-	0	1009.4	-	56	+4	-	0	cg	0	3	62	51	do	o.cg	clorg	0.6									
Leith		1010.5	60	SSW 1	0	1010.0	0	56	+4	SSW 1	-	dm	1	7	62	52	rmo	go	ogdm	*									
Glasgow		1012.7	63	WSW 2	cm	1010.9	0	57	+2	W 2	-	bem	2	0.4	68	54	bem	bc	cmp	*									
Plymouth Head		1014.5	66	SSE 2	c	1013.1	0	57	+1	SW 4	-	bc	3	-	72	54	bc	bc	cmp	*									
Plymouth (Gorleston)		1016.8	63	S 4	c	1014.7	0	58	-1	W 3	-	c	1	-	66														

ricus  
nd  
ern  
via.  
er  
Lisbon;  
eather

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ For code see page 3

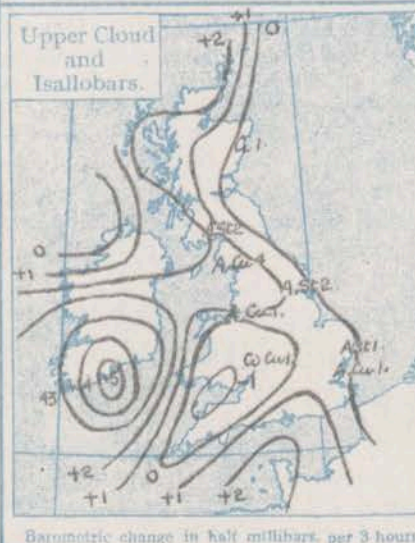


# SUMMARY OF CONDITIONS AT 7 h.G.M.T. 9.8.1920.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Fine or fair; local mist.	Good	slight
2. E. England	Fine to cloudy; local mist	Fair	smooth
3. E. Midlands	Cloudy.	Good.	-
4. W. Midlands	Cloudy or overcast.	Fair.	-
5. S.W. England	Cloudy or dull; local mist & rain.	Fair.	mod.
6. South Wales	Cloudy or dull; local squalls.	Good.	"
7. North Wales	Dull.	Indiff	slight
8. N.W. England	Dull, local light rain.	Fair.	smooth
9. N. Midlands	Cloudy or dull.	Indiff.	-
10. N.E. England	Fair to dull; local mist.	"	smooth
11. E. Scotland	Cloudy, local drizzle, fog and mist.	Poor	"
12. S.W. Scotland	Dull, local mist.	Fair.	"
13. Isle of Man	Cloudy.	-	"
14. N. & N.W. Scotland	Fair to dull; local drizzle and mist.	Indiff.	"
15. Hebrides	Dull, local showers.	"	Calm.
16. Orkneys and Shetlands	Cloudy to dull; mist and rain at Shetlands.	"	smooth
17. N.W. Ireland	Cloudy or dull; local mist and drizzle.	Fair.	slight
18. N.E. Ireland	Fair to dull; local mist and drizzle.	Poor.	smooth
19. S.E. Ireland	Cloudy or dull.	Fair.	smooth
20. S.W. Ireland	Cloudy.	Good.	slight

Temperature reported from Coastal and Cross Channel Steamers.

Position Number.	Date	Time G.M.T.	Sea ° F	Air ° F
12	9 <sup>th</sup>	0330	54	56
5	9 <sup>th</sup>	0730	54	55



GENERAL INFERENCE from observations received up to 9h. G.M.T.

The depression over Scotland is moving Eastward and filling up slowly. Small secondaries are however likely to cause showers or local rain in most parts of the Kingdom, though considerable bright intervals are probable.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn at intervals of two millibars.  
**WIND.**—Direction is shown by arrow flying with the wind. Force, in the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in feet per hour by figures in small circles.  
**TEMPERATURE.**—Temperature is given in degrees F.  
**WEATHER SYMBOLS.**—  
 ☉ clear sky. ☁ sky & clouds. ☂ rain falling. ☄ overcast sky. ☄ rain falling. \* snow. \* hail. T thunder. R thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough. High.

Further Outlook.

Districts.	Forecasts for the 24 hours commencing 15h.G.M.T. Monday, 9th August, 1920.
1. S.E. England	Wind Westerly, moderate, fresh locally; variable sky, local showers; visibility good; temperature moderate.
2. E. England	
3. E. Midlands	
4. W. Midlands	Wind W.to N.W. moderate; changeable, some rain or showers, bright intervals; visibility mainly good; temperature moderate.
5. S.W. England	
6. South Wales	
7. North Wales	Wind between S.W. and N.W., light or moderate; changeable, some rain or showers, bright intervals; visibility mainly good; temperature moderate.
8. N.W. England	
9. N. Midlands	
10. N.E. England	Light variable winds; cloudy or overcast, some rain, brighter intervals; visibility fair; temperature moderate.
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	Wind W.to N.W., moderate; mainly fair but some local showers; visibility good; temperature moderate.
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	

Withheld.

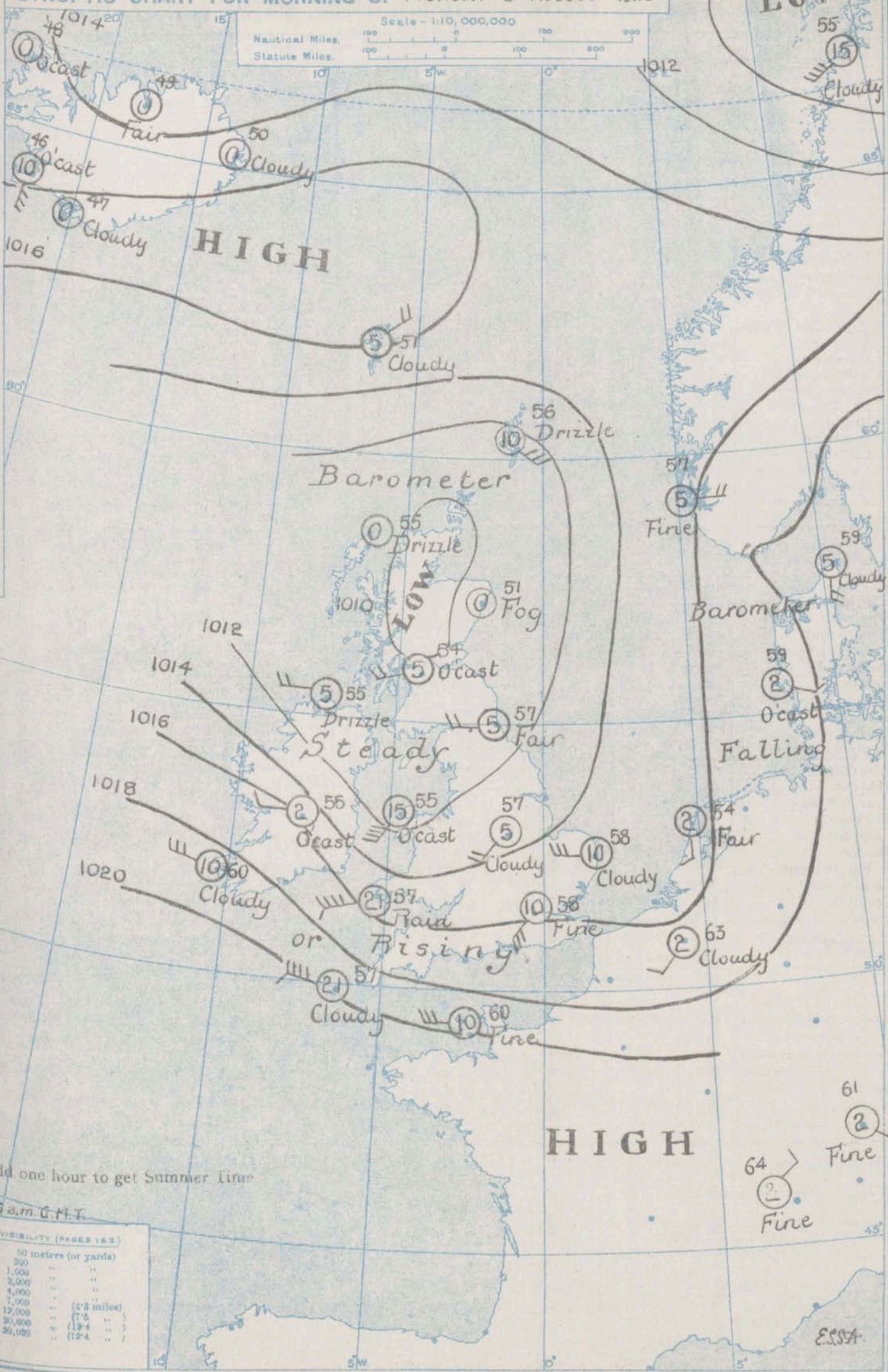


# SYNOPTIC CHART FOR MORNING OF MONDAY 9<sup>TH</sup> AUGUST 1920

Nautical Miles,  
Statute Miles.

Scale - 1:10,000,000

1010° **LOW**



Barometer

Barometer

Steady

Falling

or Rising

**HIGH**

64  
2  
Fine

ESSA

ANATION.  
Charts are drawn by  
military.  
is shown by arrows.  
wind force, in degrees,  
is shown by the number of  
feet in the number of  
or in small circles.  
is given in degrees F.  
sky: cloud  
sky: fog  
rain: rain  
fog: fog  
thunder: thunder  
high: high

er Outlook.

1d.

Add one hour to get Summer Time

for France refer to 10 a.m. G.M.T.

CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)	
Very Poor	Objects not visible at 50 metres (or yards)
Poor	200
Fair	1,000
Good	2,000
Very Good	4,000
Excellent	7,000
	12,000
	20,000
	30,000
	Exceptional visibility

P.R.S., Director



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 222

Monday  
9<sup>th</sup> August 1920

WEATHER, TEMPERATURE RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 8 <sup>th</sup>										
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.	
Scotland.	Oban ...	or	or	59	47	-	3	0.0	11.5	
	Banff ...									
	Montrose ...									
	St. Andrews ...									
England, N.E.	Harrogate ...	bc	bco p	68	49	-	-	4.1	2.8	
	Scarborough ...	b	b	69	48	-	-	6.7	3.1	
	Skegness ...									
	Lowestoft ...	bc	bco bc	68	53	-	-	10.3	7	
England, E.	Felixstowe ...	c	c	66	54	-	-	9.7	3.0	
	Southend-on-Sea ...	c bc	b	78	51	-	-	9.7	4.3	
England, S.E.	Tunbridge Wells ...	b	b	71	49	-	-	9.7	4.9	
	Margate ...	bcc b	b	73	53	-	-	9.5	2.8	
	Ramsgate ...	*	*	70	52	-	-	10.4	3.3	
	Folkestone ...	c	b	69	53	-	-	9.2	3.2	
	Hastings ...	bc b	b	68	53	-	-	10.1	6.4	
	Eastbourne ...	bc b	bcc	68	52	-	-	11.2	9.1	
	Brighton ...	b	b	67	52	-	-	9.7	7	
	Worthing ...	b	b	69	52	-	-	10.8	10.1	
	Littlehampton ...	b	b	66	52	-	-	10.0	10.4	
	Portsmouth (S. Sea) ...	-	-	70	53	-	-	11.2	10.1	
	Bournemouth ...	*	*	70	54	-	-	10.0	7.0	
	Ventnor (I. of W.) ...	*	*	67	54	-	-	11.4	10.9	
England, N.W.	Douglas (I.O.M.) ...									
	Blackpool ...	oc	po	62	53	-	1	0.1	2.0	
	Southport ...	por	orc	63	53	-	1	0.9	3.0	
Midlands.	Buxton ...	b	*	72	48	-	-	8.5	5.2	
	Leamington Spa ...	b	*	72	48	-	-	7.0	6.1	
	Malvern ...	b	bbo b	72	50	-	-	7.0	7	
	Bath ...	b	bbo b	72	50	-	-	7.0	7	
Wales.	Rhyl ...	cp	cp	63	53	-	1	0.2	3	
	Colwyn Bay ...	-	-	66	56	-	2	2.2	4.0	
	Llandudno ...	*	*	65	55	2	3	1.7	4.0	
	Aberystwyth ...									
England, S.W.	Tenby ...									
	Swansea ...									
	Weymouth ...	b	bcc	68	56	-	-	8.9	7	
	Teignmouth ...									
	Torquay ...									
	Paignton ...									
	Penzance ...	orm	omc bc	62	56	0.3	2	4.2	8.0	
	Newquay ...	odor	bc	64	53	-	-	2.0	9.0	
	Bude ...			65	53	-	4	2.0	10.6	
	Ilfracombe ...	ocp	ocp	64	54	-	6	6.3	7	
	Weston-s-Mare ...	b	bcc	71	51	-	-			

SUMMARIES FOR PAST 24 HOURS.										
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUN.		
		7h-13h.	13h-18h.	18h-24h.	1h-7h.	Day. 7h-18h.	Night. 18h-7h.	Hours.	Hours.	
Renfrew ...		oaf p	oq	oif p	oif R	65	54	58	1	1.9
Eskdalemuir ...		2f d d	d d r.	oaf r	3f r r r	56	50	51	11	0.0
Valencia (Cahire) ...		c o p	c o p	c b p	c o	60	54	53	1	4.2
Baldonnel ...		bcc d d	p o	c o r	c o f e	67	52	-	1	4.8
Didsbury ...		o2	o2 f r	o2	o2	65	53	47	0.4	2
Ross on Wye ...		b bc c o	c o p	c o b bc	o2	72	53	48	-	6.7
Falmouth ...		o p d d d	bcc bc	c o p bc	b bc c o f	67	53	49	1	0.2
Calshot (Hants) ...		b bc	b bc bc	c o p bc bc	b bc	71	55	52	-	11.7
Lymington (Folkestone) ...		c o f b bc	b bc bc	bc c o	c o bc	66	55	45	-	11.7
Aberdeen ...		o2 f r	p o2 f	o2 f e	2 f e 3 f e 4 f e	60	50	42	0.4	0.2
Howden ...		2 q	p q	o r	w g	72	50	49	-	7.3
Cranwell (Lincs) ...		bc c	bcc o	bcc p	bcc f	73	52	-	-	9.6
Felixstowe ...				bcc p	bcc z	68	57	-	-	9.9
Shoeburyness ...		b bc	b bc bc	b bc	b bc c	74	51	45	-	9.9
Benson ...		b bc	bcc	bcc p	b bc	75	51	44	-	10.8
S. Farnborough ...		b bc	b bc bc	b bc c	if w	73	56	50	-	12.0
London (Kew Obs.) ...		b bc	b bc	b bc c	b bc	71	55	-	-	9
Croydon ...		b bc f	b bc v	b bc c bc f	b bc f	71	55	-	-	9

LONDON OBSERVATIONS.										
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUN.		
		Morning.	Afternoon.	Night.	Max. Temp. F.	Min. Temp. F.	Min. on Grass. F.	Humidity %	Shade to Sunset.	
Greenwich (Royal Observatory)		b	b c b	b c c o	75	55	48	-	13.0	50
City (Bunhill Row)		*	*	*	*	*	*	-	11.9	*
Westminster (St. James's Park)		*	*	*	74	57	50	0.3	12.3	51
(Admiralty Arch)		bcc	bcc	bcc	75	57	*	0.4	12.3	62
Camden Sq. (British Rainfall)		-	-	*	79	55	52	1	*	67
Kensington Palace		b c b	b	*	74	56	50	1	57 (13h)	71
Hampstead Observatory		*	*	*	72	54	*	0.3	12.4	76

Photographic Record of

Pole Star (Polaris) and of 8 Ursae

Minoris at Greenwich Observatory.

Exposure from 2<sup>h</sup> 21<sup>m</sup> 0<sup>s</sup> to 3<sup>h</sup> 0<sup>m</sup> 0<sup>s</sup>

to 3<sup>h</sup> 0<sup>m</sup> 0<sup>s</sup>

Stars.	Duration of Exposure.		Duration of Record.		
	h.	m.	h.	m.	%
Polaris	6	0	3	36	60
8 Ursae	6	0	2	25	41
Minoris					

NOTES ON THE WEATHER OF YESTERDAY.

The day was fine in the South-Eastern districts where 12 hours of sunshine were enjoyed, but rain fell very generally in other parts of the Kingdom, 19mm being measured at Eskdalemuir. Temperature was markedly higher than of late, especially in the South-East, where Southend had a maximum of 78°.





## AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:  
BRITISH SECTION.No. B. 21,446 ... TUESDAY, 10<sup>TH</sup> AUGUST, 1920.

## OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H.																																		
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND. Dir. Force 0-12.	Weather	TEMP. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Form.	Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND. Dir. Force 0-12.	Weather	TEMP. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Form.	Sea 0-9.	19H. G.M.T. OF 9 <sup>th</sup>											
																							18H. G.M.T. OF 8 <sup>th</sup>											
Renfrew	1012.6	H	H	4	C	64	65	8	3000	CU	5	A.GU	4	1014.5	12	NNW	4	bc	63	65	8	3000	2NB	4	A.GU	2	A.GU	7	*					
Esksdalemuir	1012.7	H	NH	3	or	57	85	7	2000	NB	4	A.S.	6	1013.6	H	NH	5	0	58	85	7	-	ST. CU	2	A.S.	7	*							
Valencia (Cahire's)	1022.9	3	NH	3	bc	60	75	8	2000	ST. CU	3	A.GU	2	1022.7	H	NH	3	0	59	75	8	2000	CU	3	A.GU	4	4	*						
Baldonnel	1017.1	+2	N	4	or	58	85	4	750	NB	8	-	-	1020.1	+2	NNH	4	09	57	85	7	2000	ST.	10	-	-	*							
Didsbury	1014.2	H	H	4	0	61	75	6	2000	ST. NB	3	-	-	1015.7	H	N	5	C	60	75	6	3000	CU	6	A.S.	1	4	*						
Ross on Wye	1013.6	+2	NNW	6	cg	63	65	9	4200	ST. CU	6	C.S.	1	1017.6	+2	NNW	4	bcv	61	75	9	4200	ST. CU	3	-	-	*							
Falmouth	1021.5	+2	NNW	5	C	62	75	8	2000	ST. CU	7	-	-	1022.4	+2	NNW	3	bc	61	85	6	-	ST. CU	3	-	-	*							
Calshot (Hants)	1018.0	H	NSW	5	cd	62	85	8	2000	ST. CU	10	-	-	1018.6	+2	NNW	3	C	65	75	8	3000	ST. CU	8	-	-	2	*						
Lympe (Folkestone)	1017.2	0	SW	6	cg	62	75	8	2000	ST. CU	5	-	-	1018.8	-1	NSW	5	0	61	85	8	3000	ST. CU	8	A.GU	1	*							
Aberdeen	1011.7	H	RSE	1	bcif	66	75	6	2000	2NB	3	C.	1	1013.1	H	NNW	1	bcif	62	85	6	2000	2NB	2	A.GU	2	1	*						
Howden	1013.4	H	N	1	0	60	75	7	4200	ST. CU	8	A.S.	2	1013.9	+2	NH	2	cd	60	85	7	4200	ST. CU	3	-	-	*							
Cranwell (Lines)	1014.3	0	N	4	bc	66	65	7	4200	ST. CU	4	A.GU	2	1015.3	+1	N	4	C	61	85	6	2000	ST. CU	4	-	-	*							
Felixstowe	1016.1	H	N	3	03	64	75	6	3000	ST. CU	4	-	-	1015.4	-1	N	3	0	62	85	7	2000	ST. CU	2	-	-	2	*						
Shoeburyness	1018.9	0	SW	3	C	66	65	7	3000	ST. CU	4	A.GU	3	1016.9	0	SW	2	cd	60	85	8	750	2NB	5	A.S.	2	*							
Benson	1015.9	0	NSW	3	C	63	75	7	-	ST.	6	-	-	1016.9	+2	H	3	C	63	75	6	-	ST.	4	-	-	*							
S. Farnborough	1016.8	0	SW	3	cd	63	75	7	2000	ST. CU	4	-	-	1017.6	H	NSW	3	C	64	75	7	3000	ST. CU	3	-	-	*							
London (New Quay)	1016.5	-1	SW	3	0if	63	75	6	1200	ST. CU	9	A.GU	1	1016.9	H	N	3	bcif	66	85	8	2000	ST. CU	4	-	-	*							
Croydon	1016.9	0	NSW	4	0if	61	85	7	2000	ST. CU	5	-	-	1017.0	H	N	3	bc	64	63	8	3000	ST. CU	4	-	-	*							
1H. G.M.T. OF 10 <sup>th</sup>																																		
Renfrew	x	x	x	x	x	x	x	x	x	x	x	x	x	1019.2	+2	WSW	3	bcv	55	85	6	3000	ST. CU	4	A.GU	2	-	*						
Esksdalemuir	1016.9	+2	-	0	0	53	92	7	-	ST. CU	9	-	-	1021.0	+3	ENE	1	U	56	85	7	-	ST. CU	9	-	-	*							
Valencia (Cahire's)	1024.8	0	-	0	bc	56	-	-	-	-	-	-	-	1024.5	0	NNE	1	C	54	91	8	4100	ST. CU	5	A.S.	3	3	*						
Baldonnel	1012.3	+1	NNW	3	0	52	92	4	1250	ST.	10	-	-	1019.8	+3	NW	2	odm	56	85	4	150	NB	10	-	-	*							
Didsbury	x	x	x	x	x	x	x	x	x	x	x	x	x	1020.7	+2	NNW	3	bc	58	75	8	3000	ST. CU	4	C.GU	1	*							
Ross on Wye	1023.4	0	NNW	3	bw	55	92	7	-	-	-	-	-	1023.8	+2	NNW	2	bcw	58	91	8	2000	ST. CU	3	A.GU	2	*							
Falmouth	1020.4	+1	NNW	2	b	58	65	8	3000	ST. CU	1	-	-	1021.4	+2	N	3	b	57	85	8	3000	ST. CU	1	A.GU	1	2	*						
Calshot (Hants)	1018.7	0	N	4	bw	59	92	8	-	-	-	-	-	1019.5	+1	NW	4	CW	54	97	8	5700	ST. CU	7	-	-	*							
Lympe (Folkestone)	x	x	x	x	x	x	x	x	x	x	x	x	x	1018.0	+2	NW	3	0if	56	92	6	750	ST.	10	-	-	3	*						
Aberdeen	1016.0	0	NW	4	09	54	92	6	750	NB	10	-	-	1018.2	+3	NNW	4	0	57	85	6	2000	ST.	7	C.S.	3	*							
Howden	1017.1	+1	NNW	3	0	55	92	6	4200	ST. CU	9	-	-	1019.0	+3	NNW	4	bcz	55	92	6	4200	ST. CU	5	A.GU	1	*							
Cranwell (Lines)	x	x	x	x	x	x	x	x	x	x	x	x	x	1018.6	+2	NNW	4	C	56	85	7	3000	CU	7	-	-	2	*						
Felixstowe	x	x	x	x	x	x	x	x	x	x	x	x	x	1019.2	+1	WSW	1	b	57	75	7	3000	ST.	1	-	-	*							
Shoeburyness	x	x	x	x	x	x	x	x	x	x	x	x	x	1019.7	+2	NNW	2	bc	56	85	5	-	ST. CU	6	-	-	*							
Benson	x	x	x	x	x	x	x	x	x	x	x	x	x	1020.8	+2	NNW	2	c2	56	85	7	1250	ST. CU	5	-	-	*							
S. Farnborough	x	x	x	x	x	x	x	x	x	x	x	x	x	1020.4	+2	SW	3	cmw	56	85	7	4200	ST. CU	8	-	-	*							
London (M.O. at 1h)	1018.8	0	-	-	-	-	-	-	-	-	-	-	-	1020.4	+3	W	2	cf	57	85	7	3000	ST. CU	1	A.GU	7	*							
Croydon	1019.3	0	W	3	0if	55	92	6	2000	ST.	4	A.S.	5	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x				
STATIONS CONTRIBUTING REPORTS AT 7H. AND 13H.																																		
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND. Dir. Force 0-12.	Weather	BAROMETER.		TEMPERATURE.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TIME.		WEATHER.			Sunshine Hours.														
					at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.					Max. M.	Min. F.	Morning.	Afternoon.	Night.															
13H. G.M.T. OF 9 <sup>th</sup>																					7H. G.M.T. OF 10 <sup>th</sup>							24 HOURS ENDED 7H. 10 <sup>th</sup>						
Lerwick	1014.7	57	R	2	C	1017.6	+4	55	-1	NNE	2	-	om	1	-	60	52	bcv	bcv	om	0.1													
Stornoway	1016.0	56	-	0	0	1021.8	+3	52	-3	NNE	3	-	odp	2	Trace	58	52	0	0	odp	0.1													
Castell Bay (Barr's)	1016.3	53	NH	4	0	1022.5	+2	53	-2	NW	4	-	0	3	0.2	57	52	0	0	op.0	0.0													
Main Head	1017.5	54	NH	4	cmg	1021.1	+1	53	-2	NNW	3	-	0	3	Trace	55	51	cmg	cmg	0	0.0													
Blackad Point	1021.4	57	NH	2	bc	1023.3	+2	54	-	NE	2	-	C	2	0.3	60	52	bc	bc	C.0	0.0													
Roche's Point	1022.6	60	NH	3	0	1024.6	+1	55	-2	NW	1	-	0	1	0.1	64	53	C.	C.0	C.0	0.0													
Birr Castle	1021.2	59	NH	2	C	1024.3	-	53	-2	NNW	1	-	C	-	-	61	52	C	C	C	0.0													
Donaghadee	1016.7	56	NNW	4	cmg	1020.5	+1	54	-	NNE	2	-	om	3	1	61	53	bcv	bcv	bcv	0.0													
Liverpool (Bidston)	1016.8	58	NNW	4	0	1020.2	+2	55	0	NNW	4	-	SW	0	3	61	54	bc.0p	bc.0	09.0	0.0													
Holyhead	1018.1	59	NNW	5	bc	1021.4	+2	55	0	NW	5	-	og	4	0.1	62	54	0C	C.0C	C.09	0.0													
Pembroke (St. Mary's Head)	1020.8	60	NNW	3	bc	1023.1	+1	55	-2	NW	3	-	W	2	-	62	51	cg.0C	C.0C	bcv	0.0													
Scilly (St. Mary's)	1023.1	61	NNW	3	bc	1024.0	0	57	0	NW	1	-	W	2	-	63	55	C	C.0C	bc	0.0													
Jersey (St. Aubin)	1022.6	61	N	4	C	1023.0</																												



# SUMMARY OF CONDITIONS AT 7 h. G.M.T. 10.8.1920.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Mostly cloudy.	Good.	smooth
2. E. England	Fair, misty.	"	"
3. E. Midlands	Cloudy, misty.	Fair.	-
4. W. Midlands	Dull, drizzle, misty.	Poor.	-
5. S.W. England	Fair.	V.Good.	smooth
6. South Wales	Fine, clear.	Excellent	"
7. North Wales	Dull, gloomy.	Indiff.	mod.
8. N.W. England	Dull, damp, gloomy.	Good.	"
9. N. Midlands	Dull.	Fair.	-
10. N.E. England	Fair, misty.	"	slight
11. E. Scotland	Dull, gloomy, local fog.	Fair.	smooth
12. S.W. Scotland	Dull.	Good.	mod.
13. Isle of Man	Dull, misty,	Fair.	"
14. N. & N.W. Scotland	Dull, gloomy.	"	smooth
15. Hebrides	Dull, drizzle.	Indiff.	"
16. Orkneys and Shetlands	Dull, misty.	Fair.	V.smooth
17. N.W. Ireland	Dull.	Good.	smooth
18. N.E. Ireland	Dull, misty.	Fair.	slight
19. S.E. Ireland	Dull.	"	V.smooth
20. S.W. Ireland	Dull.	Good.	slight.

Temperature reported from Coastal and Cross Channel Steamers.

Position Number.	Date	Time G.M.T.	Sea ° F	Air ° F
1	9th	1230	59	59
2	10th	?	56	56
12	10th	0330	54	54
4A	10th	0330	58	55
7	10th	0245	60	59

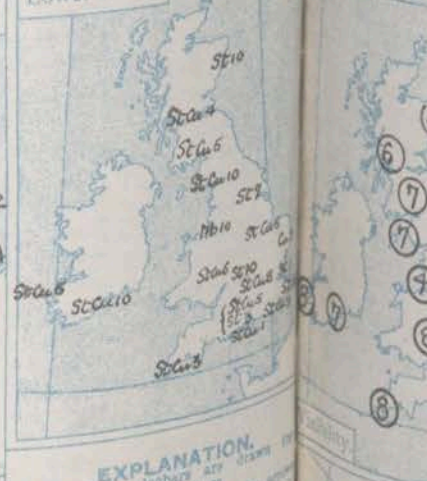
CHART OF POSITION NUMBERS and Upper Cloud.



Upper Cloud and Isalobars.



Lower Cloud.



Barometric change in half millibars, per 3 hours.

GENERAL INFERENCE from observations received up to 9h. G.M.T.

The British Isles is coming under the influence of an anticyclone moving up from South-Westward. A day or two of mainly fair weather is therefore probable but a new depression developing in the Azores region is likely to cause a deterioration fairly soon.

EXPLANATION.  
BAROMETER.—Isobars are shown by solid lines. Intervals of two millibars.  
WIND.—Direction is shown by arrows. Force in knots is indicated by the number of flags. Mean velocity is shown in feet per hour by figures in small circles.  
TEMPERATURE.—Temperature is given in degrees F.  
WEATHER SYMBOLS.—  
☉ clear sky. ☁ sky & clouds. ☂ overcast sky. ☔ rain falling. \* snow. \* hail. \* thunder. \* thunderstorm. \* High.

Farther Outlook.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 10th August, 1920.
1. S.E. England	Wind N.W., light or moderate; mainly fair; visibility good; temperature moderate.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Wind N.W. or N. light or moderate; mainly fair but some local showers, perhaps thunder; visibility fair; rather cool.
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Light Northerly winds; mainly fair; visibility good; temperature moderate.
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	

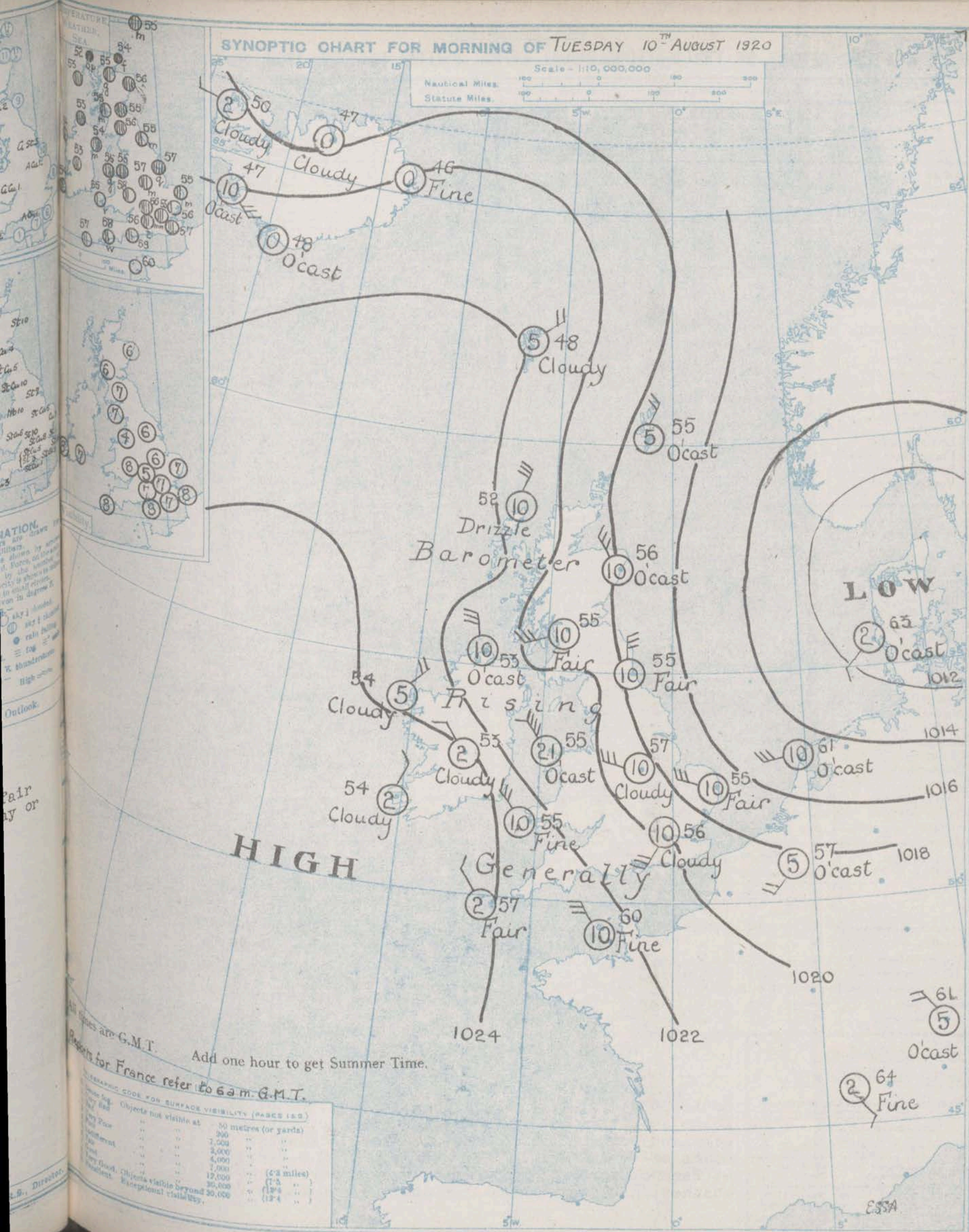
Mainly fair for a day or two.



SYNOPTIC CHART FOR MORNING OF *TUESDAY 10<sup>TH</sup> AUGUST 1920*

Scale = 1:10,000,000

Nautical Miles.  
Statute Miles.



Add one hour to get Summer Time.

For France refer to 6 a.m. G.M.T.

Reference refer to 6.2 m. G.M.T.

TELEGRAPH CODE FOR SURFACE VISIBILITY (PAGES 150)

Objects not visible at

50 metres (or yards)		
900		
1,000		
2,000		
4,000		
7,000		
12,000		
Objects visible beyond		
30,000		
Exceptional visibility		

(2.5 miles)  
(7.5 " )  
(12.5 " )  
(17.5 " )

L.D., Director



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 223.

Tuesday  
19th August 1920

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 19th August 1920												
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.			
						8-9a.	9a-12.	12-3.	3-4.			
Scotland.	Oban ...	bc.c		61	52	8	-	3.0	?	England, N.W.	Douglas (I.O.M.)	
	Banff ...	bc	bc	62	53	1	-	4.4	0.0		Blackpool ...	bc
	Montrose ...	bc	o	62	51	0.3	-	3.1	?		Southport ...	bc.c bc.c bc
	St. Andrews ...			64	49	-	1	2.1	?			
England, E.	Harrogate ...	or.	qcb	62	51	0	1	1.4	4.2	Midlands.	Buxton ...	bc.c bc.c bc.c bc
	Scarborough ...	bc	bc	62	53	-	5	1.8	6.7		Leamington Spa ...	bc
	Skegness ...	bc	bc.c	66	54	-	2	2.3	?		Malvern ...	c
	Lowestoft ...	bc	bc.c	66	56	-	-	6.0	10.9		Bath ...	bc.c bc.c bc.c bc
England, S.E.	Felixstowe ...	bc	op	67	58	-	0.1	6.0	11.6	Wales.	Rhyl ...	bc
	Southend-on-Sea ...	bc.c	bc	67	56	0.2	0.2	3.9	10.6		Colwyn Bay ...	bc
											Llandudno ...	bc
											Aberystwyth ...	bc
England, S.W.	Tunbridge Wells ...	bc.c	c	66	54	-	-	5.8	11.2	England, S.W.	Tenby ...	bc
	Margate ...	bc	cp	68	57	-	0.2	6.5	10.9		Swansea ...	bc
	Ramsgate ...			68	58	-	-	7.6	11.8			
	Folkestone ...	c	bc.c	67	57	-	-	7.8	10.5		Weymouth ...	c
	Hastings ...	bc.b	bc.c	67	52	-	-	6.9	12.3		Teignmouth ...	bc.c
	Eastbourne ...	bc	bc.c	65	57	-	-	7.9	12.7		Torquay ...	bc.c
	Brighton ...	bc.c	o.c	65	57	-	-	5.7	11.1		Paignton ...	bc.c
	Worthing ...	bc.c	a.c	65	56	-	-	5.8	12.8		Penzance ...	bc
	Littlehampton ...	bc	bc	66	63	-	-	4.3	11.8		Newquay ...	bc
	Portsmouth (S. Sea) ...			66	57	-	-	5.0	12.0		Bude ...	bc
	Bournemouth ...			68	52	1	-	5.0	11.5		Ilfracombe ...	bc
	Ventnor (I. of W.) ...			67	56	0.3	-	6.0	12.2		Weston-s-Mare ...	bc.c

SUMMARIES FOR PAST 24 HOURS.												
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		Sun.		STATIONS.		
		7h-10h.	10h-12h.	12h-15h.	15h-18h.	18h-21h.	21h-24h.	7h-10h.	10h-12h.			
Scotland.	Renfrew ...	bc.c	bc.c	bc.c	bc.c	bc.c	bc.c	66	50	England, N.W.	Douglas (I.O.M.)	
	Esksdalemuir ...	or.	or.	c.o	c.o	c.o	c.o	59	52		Blackpool ...	bc
	Valencia (Cahire'n) ...	bc.c	bc.c	bc.c	bc.c	bc.c	bc.c	61	53		Southport ...	bc.c bc.c bc
	Baldonnell ...	bc.c	bc.c	bc.c	bc.c	bc.c	bc.c					
England, E.	Didsbury ...	bc.c	bc.c	bc.c	bc.c	bc.c	bc.c	65	54	Midlands.	Buxton ...	bc.c bc.c bc.c bc
	Ross on Wye ...	bc.c	bc.c	bc.c	bc.c	bc.c	bc.c	69	52		Leamington Spa ...	bc
	Falmouth ...	bc.c	bc.c	bc.c	bc.c	bc.c	bc.c	65	51		Malvern ...	c
	Calshot (Hants) ...	bc.c	bc.c	bc.c	bc.c	bc.c	bc.c	67	53		Bath ...	bc.c bc.c bc.c bc
England, S.E.	Lymington (Folkestone) ...	bc.c	bc.c	bc.c	bc.c	bc.c	bc.c	65	49	Wales.	Rhyl ...	bc
	Aberdeen ...	bc.c	bc.c	bc.c	bc.c	bc.c	bc.c	66	51		Colwyn Bay ...	bc
	Howden ...	bc.c	bc.c	bc.c	bc.c	bc.c	bc.c	66	53		Llandudno ...	bc
	Cranwell (Lincs) ...	bc.c	bc.c	bc.c	bc.c	bc.c	bc.c	67	52		Aberystwyth ...	bc
England, S.W.	Felixstowe ...	bc.c	bc.c	bc.c	bc.c	bc.c	bc.c	69	55	England, S.W.	Tenby ...	bc
	Shoeburyness ...	bc.c	bc.c	bc.c	bc.c	bc.c	bc.c	68	58		Swansea ...	bc
	Benson ...	bc.c	bc.c	bc.c	bc.c	bc.c	bc.c	68	49		Weymouth ...	c
	S. Farnborough ...	bc.c	bc.c	bc.c	bc.c	bc.c	bc.c	66	49		Teignmouth ...	bc.c
London.	London (Kew Obs.) ...	bc.c	bc.c	bc.c	bc.c	bc.c	bc.c	67	53	England, S.W.	Torquay ...	bc.c
	Croydon ...	bc.c	bc.c	bc.c	bc.c	bc.c	bc.c	65	52		Paignton ...	bc.c

LONDON OBSERVATIONS.												
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		Sun.		STATIONS.		
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.			
London.	Greenwich (Royal Observatory) ...	bc	bc	68	57	45	0.3	5.2	70	South Kensington (Meteorological Office).	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	
	City (Bunhill Row) ...										Total ... Joules.	
	Westminster (St. James's Park) ...										Milliwatts.	
	Camden Sq. (British Rainfall) ...	bc	bc	68	57	46	1	5.9 (18h)	72		Average Rate. 20.8	
London.	Kensington Palace ...	bc	bc	68	57	46	1	5.9 (18h)	72	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.	19th August 1920.	
	Hampstead Observatory ...	bc	bc	68	57	46	1	5.9 (18h)	72		20th August 1920.	
											21st August 1920.	
											22nd August 1920.	

NOTES ON THE WEATHER OF YESTERDAY.												
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		Sun.		STATIONS.		
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.			
Scotland.	Oban ...	bc.c		61	52	8	-	3.0	?	England, N.W.	Douglas (I.O.M.)	
	Banff ...	bc	bc	62	53	1	-	4.4	0.0		Blackpool ...	bc
	Montrose ...	bc	o	62	51	0.3	-	3.1	?		Southport ...	bc.c bc.c bc
	St. Andrews ...			64	49	-	1	2.1	?			
England, E.	Harrogate ...	or.	qcb	62	51	0	1	1.4	4.2	Midlands.	Buxton ...	bc.c bc.c bc.c bc
	Scarborough ...	bc	bc	62	53	-	5	1.8	6.7		Leamington Spa ...	bc
	Skegness ...	bc	bc.c	66	54	-	2	2.3	?		Malvern ...	c
	Lowestoft ...	bc	bc.c	66	56	-	-	6.0	10.9		Bath ...	bc.c bc.c bc.c bc
England, S.E.	Felixstowe ...	bc	op	67	58	-	0.1	6.0	11.6	Wales.	Rhyl ...	bc
	Southend-on-Sea ...	bc.c	bc	67	56	0.2	0.2	3.9	10.6		Colwyn Bay ...	bc
											Llandudno ...	bc
											Aberystwyth ...	bc
England, S.W.	Tunbridge Wells ...	bc.c	c	66	54	-	-	5.8	11.2	England, S.W.	Tenby ...	bc
	Margate ...	bc	cp	68	57	-	0.2	6.5	10.9		Swansea ...	bc
	Ramsgate ...			68	58	-	-	7.6	11.8			
	Folkestone ...	c	bc.c	67	57	-	-	7.8	10.5		Weymouth ...	c
	Hastings ...	bc.b	bc.c	67	52	-	-	6.9	12.3		Teignmouth ...	bc.c
	Eastbourne ...	bc	bc.c	65	57	-	-	7.9	12.7		Torquay ...	bc.c
	Brighton ...	bc.c	o.c	65	57	-	-	5.7	11.1		Paignton ...	bc.c
	Worthing ...	bc.c	a.c	65	56	-	-	5.8	12.8		Penzance ...	bc
	Littlehampton ...	bc	bc	66	63	-	-	4.3	11.8		Newquay ...	bc
	Portsmouth (S. Sea) ...			66	57	-	-	5.0	12.0		Bude ...	bc
	Bournemouth ...			68	52	1	-	5.0	11.5		Ilfracombe ...	bc
	Ventnor (I. of W.) ...			67	56	0.3	-	6.0	12.2		Weston-s-Mare ...	bc.c





## AIR MINISTRY.

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

BRITISH SECTION.

No. B. 2147 WEDNESDAY, 11<sup>TH</sup> AUGUST 1920.

## OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 12H.

STATIONS.	12H. G.M.T. OF 10 <sup>00</sup>												12H. G.M.T. OF 11 <sup>00</sup>											
	Barom. at M.S.L.			Wind.			Temp.			Humidity.			Wind.			Temp.			Humidity.			Wind.		
	mb.	Change in 3 hours.	Force	Dir.	Force	Weather	°F.	°C.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	
Renfrew ...	1020.2	0	N	1	0	C	66	59	7	3000	St. Cu	6	1020.2	+1	NNW	3	0	66	65	8	3000	St. Cu	3	0
Esksdalemuir ...	1020.0	0	N	1	0	C	66	59	8	3000	St. Cu	6	1020.0	+1	N	1	0	66	65	8	3000	St. Cu	10	0
Valencia (Cahire's) ...	1024.5	0	NNW	1	0	C	61	75	8	4200	St. Cu	8	1024.5	0	NNW	1	0	60	75	6	3000	St. Cu	1	0
Baldonnel ...	1024.0	0	NNW	2	0	C	57	75	8	750	St. Cu	10	1024.0	+1	N	3	0	58	85	7	3000	St. Cu	10	0
Didsbury ...	1021.4	+2	NN	4	03	59	59	7	1250	St. Cu	9	1021.4	+1	NNW	3	03	59	75	5	3000	St. Cu	10	0	
Ross on Wye ...	1021.7	0	NNW	2	0	62	65	9	4200	St. Cu	10	1021.7	+1	NNW	2	0	61	75	8	5700	St. Cu	9	0	
Falmouth ...	1024.4	0	NN	4	0	64	65	8	2000	St. Cu	10	1024.4	0	NNW	3	0	61	65	8	2000	St. Cu	2	0	
Calshot (Hants) ...	1022.0	0	NN	3	0	63	75	8	2000	St. Cu	10	1022.0	0	NN	3	0	62	75	8	4200	St. Cu	9	0	
Lymington (Folkestone) ...	1020.2	0	NN	3	0	62	65	8	2000	St. Cu	8	1020.2	0	NNW	6	0	63	65	5	2000	St. Cu	2	0	
Aberdeen ...	1020.0	+2	NN	4	0	58	75	6	750	St. Cu	10	1020.0	+2	NN	3	0	58	75	8	1250	St. Cu	4	0	
Howden ...	1019.4	0	N	3	0	66	65	8	3000	St. Cu	7	1019.4	+2	N	0	0	66	65	6	4200	St. Cu	7	0	
Cranwell (Lincoln) ...	1020.6	+3	NN	2	0	59	92	5	2000	St. Cu	10	1020.6	+2	NN	2	0	59	92	5	1250	St. Cu	8	0	
Felixstowe ...	1019.5	0	N	4	0	66	65	6	2000	St. Cu	8	1019.5	+2	NN	3	0	63	75	6	3000	St. Cu	9	0	
Shoeburyness ...	1020.2	+2	N	3	0	63	65	6	2000	St. Cu	10	1020.2	+1	NNW	1	0	64	65	6	2000	St. Cu	7	0	
Benson ...	1021.0	0	NN	3	0	64	65	7	3000	St. Cu	7	1021.0	0	NN	1	0	62	75	5	3000	St. Cu	1	0	
S. Farnborough ...	1021.2	0	NNW	3	0	64	65	7	3000	St. Cu	7	1021.2	0	NNW	3	0	62	75	7	3000	St. Cu	3	0	
London (Kew Obs.) ...	1021.4	0	NN	3	0	62	65	5	2000	St. Cu	5	1021.4	0	NN	2	0	64	65	5	5700	St. Cu	2	0	
Croydon ...	1021.3	+1	NNW	3	0	61	75	6	2000	St. Cu	10	1021.3	+1	NN	2	0	63	64	5	5700	St. Cu	3	0	
Renfrew ...	1023.6	+1	N	2	0	55	85	6	2000	St. Cu	16	1023.6	+3	N	0	0	53	97	4	1250	St. Cu	10	0	
Esksdalemuir ...	1023.1	0	N	0	0	55	85	6	2000	St. Cu	16	1023.1	+2	N	0	0	55	85	6	1250	St. Cu	10	0	
Baldonnel ...	1025.8	+2	N	0	0	54	85	6	750	St. Cu	10	1025.8	+2	N	0	0	55	92	8	4200	St. Cu	3	0	
Didsbury ...	1025.6	0	N	1	0	58	92	7	750	St. Cu	2	1025.6	+2	N	1	0	54	92	3	750	St. Cu	10	0	
Ross on Wye ...	1025.9	+1	NNW	2	0	51	92	8	750	St. Cu	10	1025.9	+1	NNW	1	0	54	85	7	2000	St. Cu	8	0	
Falmouth ...	1022.2	+1	NNW	1	0	53	97	6	750	St. Cu	10	1022.2	+3	NNW	3	0	56	92	5	2000	St. Cu	10	0	
Calshot (Hants) ...	1023.2	+1	NNW	1	0	52	97	5	750	St. Cu	10	1023.2	+2	NNW	3	0	54	85	8	1250	St. Cu	10	0	
Lymington (Folkestone) ...	1023.3	+2	NN	2	0	52	97	5	750	St. Cu	10	1023.3	+2	NNW	2	0	54	97	4	4200	St. Cu	7	0	
Aberdeen ...	1023.0	0	N	4	0	57	85	6	2000	St. Cu	4	1023.0	+2	NN	2	0	57	85	6	2000	St. Cu	9	0	
Howden ...	1024.1	+2	NE	1	0	49	97	3	2000	St. Cu	10	1024.1	+2	NE	1	0	49	97	3	2000	St. Cu	10	0	
Cranwell (Lincoln) ...	1025.3	+1	NNW	1	0	50	97	4	2000	St. Cu	10	1025.3	+3	NNW	1	0	50	97	4	2000	St. Cu	10	0	
Felixstowe ...	1025.2	+3	NN	1	0	55	85	4	2000	St. Cu	6	1025.2	+3	NN	1	0	55	85	4	2000	St. Cu	6	0	
Shoeburyness ...	1025.0	+3	NN	1	0	55	92	3	1250	St. Cu	9	1025.0	+3	NN	1	0	55	92	3	1250	St. Cu	9	0	

## STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.

STATIONS.	7H. G.M.T. OF 10 <sup>00</sup>												7H. G.M.T. OF 11 <sup>00</sup>											
	Barom. at M.S.L.			Wind.			Temp.			Humidity.			Wind.			Temp.			Humidity.			Wind.		
	mb.	Change in 3 hours.	Force	Dir.	Force	Weather	°F.	°C.	Feet.	Form.	Amt. 0-10.	Form.	mb.	Change in 3 hours.	Force	Dir.	Force	Weather	°F.	°C.	Feet.	Form.	Amt. 0-10.	Form.
Renfrew ...	1020.7	58	NNW	1	0	bc	1022.9	+1	54	-1	NW	2	1020.7	53	N	1	0	bc	1022.9	+1	54	-1	NW	2
Esksdalemuir ...	1024.8	53	N	1	0	bc	1025.2	0	53	0	NW	2	1024.8	58	NNW	2	0	bc	1025.2	0	53	0	NW	2
Valencia (Cahire's) ...	1025.1	54	NN	3	0	bc	1025.1	-1	55	+1	E	1	1025.1	58	N	2	0	bc	1025.1	-1	55	+1	E	1
Baldonnel ...	1024.0	50	NNW	2	0	bc	1026.0	+1	52	-1	N	3	1024.0	58	NNW	2	0	bc	1026.0	+1	52	-1	N	3
Didsbury ...	1025.4	58	N	2	0	bc	1027.0	+1	53	-2	NNW	1	1025.4	58	NNW	1	0	bc	1027.0	+1	53	-2	NNW	1
Ross on Wye ...	1025.3	58	NNW	1	0	bc	1025.1	+2	52	-2	W	2	1025.3	58	NNW	1	0	bc	1025.1	+2	52	-2	W	2
Falmouth ...	1023.0	57	NNW	3	0	bc	1025.5	+1	55	0	NNW	2	1023.0	57	NNW	3	0	bc	1025.5	+1	55	0	NNW	2
Calshot (Hants) ...	1023.4	57	NNW	4	0	bc	1025.8	+1	54	-1	NW	3	1023.4	57	NNW	4	0	bc	1025.8	+1	54	-1	NW	3
Lymington (Folkestone) ...	1025.2	61	N	0	0	bc	1026.0	+1	55	0	NE	1	1025.2	61	N	0	0	bc	1026.0	+1	55	0	NE	1
Aberdeen ...	1023.9	63	NN	4	0	bc	1025.0	0	58	-2	NW	2	1023.9	62	NNW	3	0	bc	1025.0	0	58	-2	NW	2
Howden ...	1020.8	64	N	2	0	bc	1025.8	+3	56	-1	NE	3	1020.8	64	N	2	0	bc	1025.8	+3	56	-1	NE	3
Cranwell (Lincoln) ...	1021.9	53	NN	2	0	bc	1024.3	+2	52	-2	NW	2	1021.9	53	NN	2	0	bc	1024.3	+2	52	-2	NW	2
Felixstowe ...	1022.6	56	NNW	1	0	bc	1024.8	0	51	-4	N	0	1022.6	56	NNW	1	0	bc	1024.8	0	51	-4	N	0
Shoeburyness ...	1021.4	57	NNW	3	0	bc	1024.3	+1	56	+1	E	1	1021.4	57	NNW	3	0	bc	1024.3	+1	56	+1	E	1
Benson ...	1020.9	58	NNW	5	0	bc	1024.5	+2	54	-1	N	4	1020.9	58	NNW	5	0	bc	1024.5	+2	54	-1	N	4
S. Farnborough ...	1019.7	59	N	4	0	bc	1022.5	+2	57	+2	NW	3	1019.7	59	N	4	0	bc	1022.5	+2	57	+2	NW	3
London (Kew Observatory) ...	1020.5	64	N	3	0	bc	1023.6	+2	57	+1	NW	3	1020.5	64	N	3	0	bc	1023.6	+2	57	+1	NW	3
Croydon ...	1021.2	62	NN	2	0	bc	1024.8	0	55	-2	W	1	1021.2	62	NN	2	0	bc	1024.8	0	55	-2	W	1

\* Information for these columns not usually received.

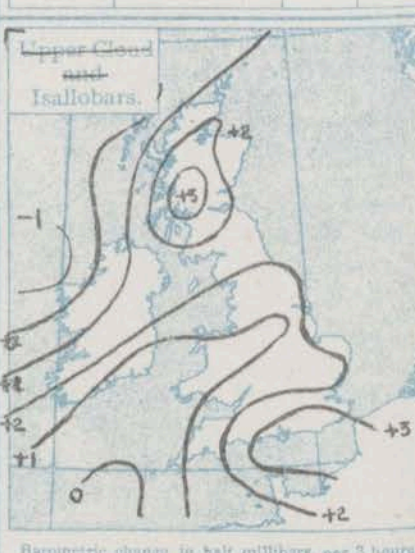
The barometric change is expressed in half millibars.

§ For code see page 7.



Temperature reported from Coastal and  
Cross Channel Steamers.

Cross Channel Steamers.				
Position Number	Date	Time G.M.T.	Sea ° F	Air ° F
1	10 <sup>th</sup>	1136	59	60
2	11 <sup>th</sup>	0115	55	56
7 H	11 <sup>th</sup>	0205	60	60
4 A	11 <sup>th</sup>	0300	57	53
12	11 <sup>th</sup>	0330	52	50
8	11 <sup>th</sup>	0530	63	58
5	11 <sup>th</sup>	0705	54	54



**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn at intervals of two millibars.  
**WIND.**—Direction by the wind force. 0-12 is indicated by the length of the feather. Mean velocity shown per hour by figure in small circle.  
**TEMPERATURE.**—Mean temperature in clear sky.  
**WEATHER SYMBOLS.**—  
 ☉ sky & clouded. ☁ overcast sky.  
 \* snow. \* half. \* thunder.  
 SEA DISTURBANCE.—High water.

STANDARD  
ROUGH

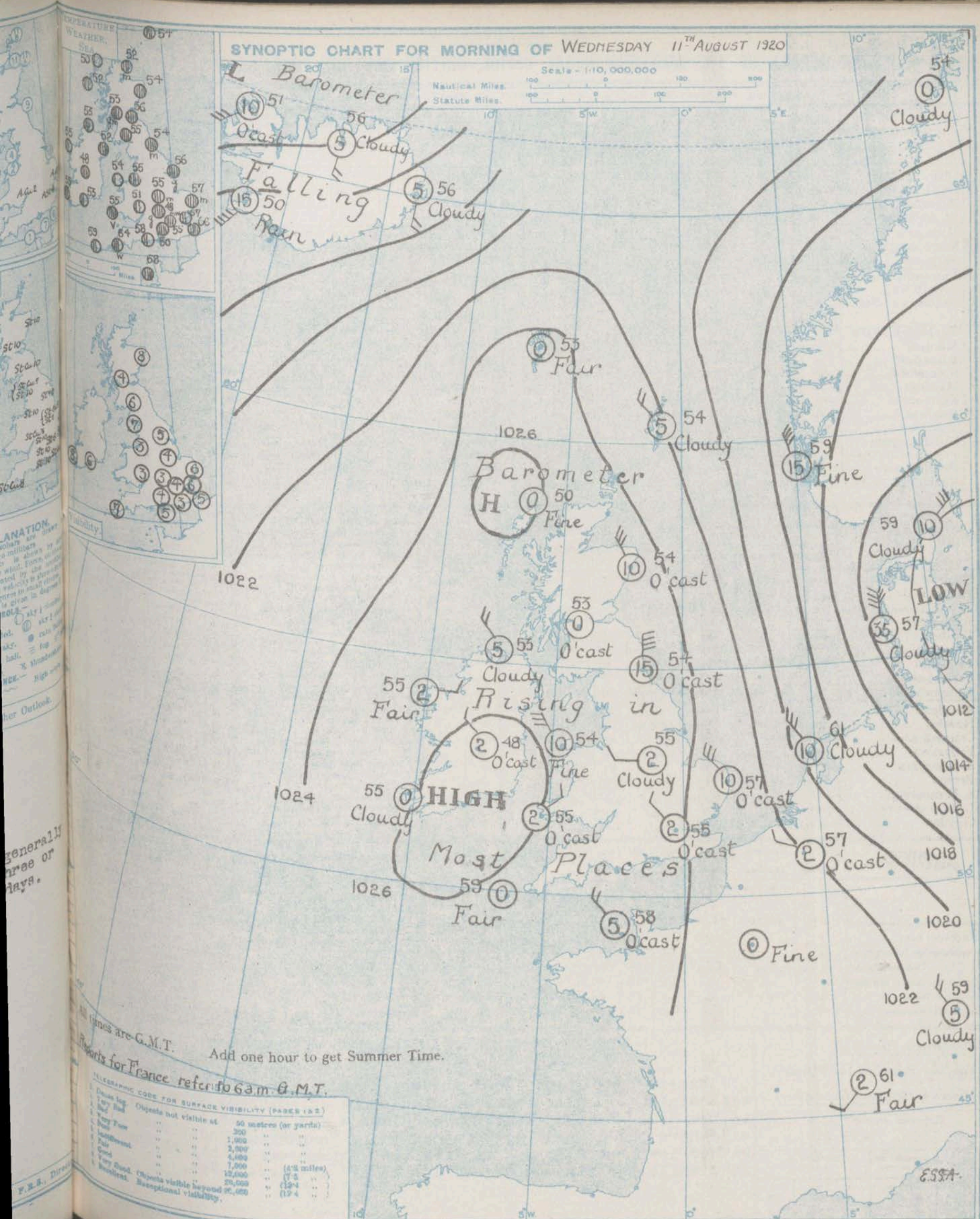
Further Outlook

Fair generally  
for three or  
four days.



# SYNOPTIC CHART FOR MORNING OF WEDNESDAY 11<sup>TH</sup> AUGUST 1920

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



ANATION.  
solar are  
in is shown by  
wind force, and  
velocity in knots  
is given in degrees  
of sky.

Generally  
free or  
hazy.

All times are G.M.T. Add one hour to get Summer Time.

Reports for France refer to 6 a.m. G.M.T.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 122)	
Very Poor	Objects not visible at 50 meters (or yards)
Poor	500
Fair	1,000
Good	2,000
Very Good	4,000
Excellent	7,000
	10,000
	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
	250,000
	260,000
	270,000
	280,000
	290,000
	300,000
	310,000
	320,000
	330,000
	340,000
	350,000
	360,000
	370,000
	380,000
	390,000
	400,000
	410,000
	420,000
	430,000
	440,000
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	460,000
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	510,000
	520,000
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	820,000
	830,000
	840,000
	850,000
	860,000
	870,000
	880,000
	890,000
	900,000
	910,000
	920,000
	930,000
	940,000
	950,000
	960,000
	970,000
	980,000
	990,000
	1,000,000

F.R.S. Direct



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 224.

Wednesday  
11<sup>th</sup> August

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-19h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-19h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.
Scotland.									England, N.W.								
Oban ...	bc b		62	50	-	-	8.0	6.0	Douglas (I.O.M.)	-	-	61	52	0.3	-	10.4	3.5
Banff ...	o	o	58	55	0.3	-	0.0	5.5	Blackpool ...	o	o	?	?	-	-	5.0	7.1
Montrose ...	o.b.c	bc	66	55	1	-	3.0	3.1	Southport ...	o	o.c.b.c	61	55	-	-	1.6	7.0
St. Andrews ...	-	-	65	53	2	-	3.2	2.9									
England, E.									Midlands.								
Harrogate ...	o	op?	66	52	-	-	1.2	1.6	Buxton ...	c.o.o.o	c.o.b.c.b	57	50	1	-	0.4	3.4
Scarborough ...	or	o	61	50	4	-	0.0	1.9	Leamington Spa...	o	bc	64	52	1	-	3.0	2.8
Skewness ...	o.b.c	o.b.c	63	55	1	-	5.0	2.9	Malvern ...	bc	c	63	52	-	-	1.6	5.2
Lowestoft ...	bc.c.o	o.c.b.c	64	53	7	-	5.3	5.0	Bath ...	o	o	63	55	-	-	0.4	3.2
Felixstowe ...	bc	op.3	68	55	0.3	0.3	8.2	5.0	Rhyl ...	c.b.c	c.b.c	60	53	1	-	2.5	4.0
Southend-on-Sea...	bc.b.c	c.b.c	67	50	0.1	-	5.0	3.9	Colwyn Bay ...	-	-	59	53	3	-	1.0	2.7
									Llandudno ...	-	-	60	54	3	-	1.3	4.0
England, S.E.									Aberystwyth ...	c.o.o	c.o	59	54	-	-	0.0	1.0
Tunbridge Wells	bc.c.o	o.c.3	64	51	-	-	3.6	6.6	Tenby ...	b.b.c	c	65	49	-	-	2.3	4.2
Margate ...	bc.6	bc.6	67	57	3	-	7.5	6.5	Swansea ...	-	-	61	52	-	-	0.0	3.5
Ramsgate ...	-	-	66	51	3	-	8.1	7.8									
Folkestone ...	bc	b	65	53	-	-	3.0	7.9	Weymouth ...	c	c.o	66	52	-	-	3.6	8.7
Hastings ...	c.b.c	c.o.c	66	52	-	-	3.2	8.0	Teignmouth ...	bc.c.b.c	bc.c	66	61	-	-	5.0	4.0
Eastbourne ...	bc.c	c	66	55	-	-	2.5	9.1	Torquay ...	bc.b.b.c	bc.c.o	65	51	-	-	5.3	4.4
Brighton ...	c.o	o	67	55	-	-	2.3	6.2	Paignton ...	bc.c	bc.c	67	47	-	-	5.9	5.7
Worthing ...	bc.c	c.o	68	53	-	-	2.7	7.3	Penzance ...	bc.c	bc.b	66	53	-	-	9.2	9.3
Littlehampton ...	bc	o.c.u	66	61	-	-	1.7	5.4	Newquay ...	c.b.c	bc.v	61	56	-	-	4.0	9.6
Portsmouth (S. thea)	-	-	65	54	-	-	2.0	5.1	Bude ...	c	bc	63	56	-	-	4.5	4.3
Bournemouth ...	-	-	65	50	-	-	3.0	6.8	Ilfracombe ...	bc.c.o	o	60	57	-	-	2.8	3.7
Ventnor (I. of W.)	-	-	63	54	-	-	1.0	6.7	Weston-s-Mare ...	c.b.c	c	64	56	1	-	1.0	4.4

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.	THE BEAUFORT SCALE OF WIND FORCE.			
	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	RAINFALL.		Sun. Hours.		Used only for surface observations.			
	7h-13h.	13h-18h.	18h-19h.	19h-7h.				Day, 7h-13h.	Night, 13h-7h.			No.	Limits of Velocity at about 30 feet above ground.	Statute miles per hour.	Metres per second.
Renfrew ...	c.o.	b.b.c	b.c.w	c.o.f	70	50	41	mm.	mm.	10.4	b blue sky (not more than a quarter covered).	No.	Limits of Velocity at about 30 feet above ground.	Statute miles per hour.	Metres per second.
Eskdalemuir ...	a.c.o.b.c	c.o	o	o	67	52	50	-	-	2.9	bc sky partly cloudy (one half covered).				
Valencia (Cahireny) ...	o	c.o.b.c.c	o.f.c.f	b.c.c	62	53	48	-	-	2.3	c generally cloudy (three quarters covered).				
Baldonnel ...	o	o	o.p.d	o	-	-	-	-	-	-	d drizzle, or fine rain.				
Didsbury ...	o.z.f.	o.3	o.2	o.3.f	62	52	42	-	-	-	e wet air without rain falling.				
Ross on Wye...	b.c.d.o.v.	o.c.o	a.b.c.b.c.w	b.w.f.c.f	65	42	39	-	-	-	f fog. g gloom.				
Falmouth ...	b.c.c.o	b.c.c.b.c	b.b.w	b.b.w	66	47	39	-	-	10.0	h hail. i lightning.				
Calshot (Hants)...	c.o.o	o	a.c.o.b.c.b.c	b.f	66	49	46	-	-	1.6	m mist. o overcast sky.				
Lymington (Folkstone)...	o.f	a.f.c.b.c.c	b.f.b.b.w.m.b.w.b.b.f	b.b.f	64	52	45	-	-	5.3	p passing showers.				
Aberdeen ...	p.d.o.o.f	a.f.f.b.c.c	b.c.o	c.o.c	63	52	49	-	-	2.7	q squalls. r rain.				
Howden ...	3.7	3.7	o.z.f	o.f.f	65	51	48	1	-	2.5	rs sleet, i.e., rain and snow together.				
Cranwell (Lines) ...	b.c.c.o.v.f	o.z.f.p	c.o.b.c.b.f	b.b.c	63	49	46	3	0.1	1.6	s snow. t thunder.				
Felixstowe ...	b.c.c.3	b.c.c.3	b.c.c.	b.b.c.f	69	54	48	-	-	-	u ugly, threatening sky.				
Shoeburyness ...	a.b.c.o	p.c.o	c.o	o	67	56	45	-	-	5.7	v unusual visibility.				
Benson ...	-	b.c.c.b.c	b	b.b.c	64	43	39	-	-	-	w dew. x hoar frost.				
S. Farnborough ...	c.o	c.o	b.b.c.b.c	c.o.z.f	66	45	40	-	-	2.7	y dry air; humidity less than 60 per cent.				
London (Kew Obs.) ...	c.o.3	o.3	o	o.f.w	65	52	43	-	-	1.7	z dust haze; the turbid atmosphere of dry weather.				
Croydon ...	c.o.o.f	o.f.b.c.c	b.b.c.b.f	o.f.f	64	53	48	-	-	3	Capital letters indicate intensity, and repetition of letters continuity, thus:- R = heavy rain. rr = continuous moderate rain. r.f. = continuous light rain.				

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.					
	24 HOURS ENDED 11 <sup>th</sup> G.M.T. 11 <sup>th</sup> August 1920.								YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday	11 <sup>th</sup> & 12 <sup>th</sup> August 1920.			
												Stations.	Sunrise.	Noon.	Sunset.
Greenwich (Royal Observatory)	0	0.c.0	0.b.b.c.	67	55	47	-	2.5	65	80		G.M.T.	G.M.T.	G.M.T.	
City (Bonhill Row) ... ..	*	*	*	*	*	*	*	3.5	*	*		4.30	11.58	7.26	
Westminster (St. James's Park)	*	*	*	66	64	45	*	4.0	63	74		4.32	12.5	7.24	
.. (Admiralty Arch)	C2.02	02.b.c2	C2.02	67	57	*	-	3.8	65	76	Total ..... 931 ..... Joules.	Yarmouth...	4.40	12.5	7.30
Camden Sq. (British Rainfall)	c	c	*	67	52	48	-	*	67	76		Greenwich	4.42	12.5	8.1
Kensington Palace ... ..	C.0	0	*	67	52	46	-	*	63 (18h)	79	Wick ...	4.26	12.47	8.5	
Hampstead Observatory ...	*	*	*	65	53	46	-	?	*	79	Average Rate. 17.3	Valencia ...	4.29	12.46	8.4
											Maximum Rate. 75		5.21	12.46	8.15

Photographic Record of Pole Star (Polaris) and of 8 Ursae Minoris at Greenwich Observatory.					NOTES ON THE WEATHER OF YESTERDAY.				
Exposure from 10 <sup>h</sup> 21 <sup>m</sup> to 11 <sup>h</sup> 02 <sup>m</sup> .					Except for slight local showers at a few stations the day was rainless in all districts. Ten hours of sunshine were recorded in the South-West of England, at Glasgow and Douglas I.O.M., but elsewhere the returns were rather poor. Temperature continued rather low generally and at Wick the maximum was no higher than 55°, while the minimum was as low as 42° at Ross-on-Wye.				
Stars.	Duration of Exposure.	Duration of Record.	h.	m.					
Polaris	6	0	2	46					
8 Ursae Minoris	6	0	2	25					



## AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:  
BRITISH SECTION. No. B.2,148 THURSDAY, 12<sup>TH</sup> AUGUST, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.																																	
STATIONS.	BAROM. at M.S.L.	Change in 3 hours.	WIND. Direc. Force 0-12.	Weather.	TEMP. °F.	Humidity. %	Visibility. 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Form.	Sea 0-9.	BAROM. at M.S.L.	Change in 3 hours.	WIND. Direc. Force 0-12.	Weather.	TEMP. °F.	Humidity. %	Visibility. 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Form.	Sea 0-9.	BAROM. at M.S.L.	Change in 3 hours.	WIND. Direc. Force 0-12.	Weather.	TEMP. °F.	Humidity. %	Visibility. 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Form.	Sea 0-9.
12H. G.M.T. OF 11 <sup>th</sup>												18H. G.M.T. OF 11 <sup>th</sup>																					
Renfrew ...	1025.1	0	NNW	3	62	75	5	2500	Sc	10	-	1025.4	0	SSW	4	cl	58	75	6	4200	Sc	6	A.S.	5	*								
Eskdalemuir ...	1025.5	H	S	3	61	75	7	3000	Cu	7	-	1025.9	0	S	2	0	57	75	7	4200	Sc	2	A.S.	6	*								
Valencia (Cairn'n)	1026.0	H	S	3	64	68	8	4200	Cu	2	A.S.	7	2	1026.2	0	SSW	3	0	59	85	6	-	A.S.	9	2								
Baldonnel ...	1027.1	0	-	0	64	66	6	-	Sc	10	-	1026.7	0	E	2	0	59	75	5	1250	Sc	3	A.S.	6	*								
Didsbury ...	1026.9	H	NNW	3	61	75	4	4200	Cu	4	A.S.	3	-	1025.8	0	NNW	3	cl	63	65	5	4200	Cu	1	-	*							
Ross on Wye ...	1026.5	0	NNW	2	63	68	8	7200	Sc	10	-	1025.1	0	NNW	1	cl	61	75	7	-	-	-	A.S.	2	*								
Falmouth ...	1026.1	-1	N	2	63	65	7	-	Sc	9	-	1026.7	0	NNW	2	C	61	75	8	4200	Sc	8	-	-	*								
Calshot (Hants) ...	1025.4	H	-	0	67	65	5	3000	Sc	4	-	1026.1	0	SSW	2	cl	63	85	5	3000	Sc	2	Ci.Cu.	2	1								
Lymington (Folkestone) ...	1025.1	H	NR	3	66	65	6	2000	Sc	9	-	1025.1	0	SSW	1	cl	62	85	6	3000	Sc	3	-	-	*								
Aberdeen ...	1025.6	0	N	2	61	65	8	2000	Cu	9	-	1026.0	0	SSW	1	0	54	85	8	2000	Sc	10	-	-	2								
Howden ...	1025.6	0	-	0	62	75	6	4200	Sc	3	A.S.	4	-	1025.9	0	-	0	62	85	6	3000	Sc	5	A.S.	2	*							
Cranwell (Lincs) ...	1025.7	0	NNW	3	61	65	5	4200	Sc	10	-	1025.8	0	E	3	0	61	85	7	4200	Sc	6	A.S.	3	*								
Felixstowe ...	1025.3	+2	NNW	3	63	65	7	4200	Sc	9	-	1025.9	H	N	2	cl	63	65	7	4200	Cu	2	-	-	1								
Shoeburyness ...	1026.6	+2	NNW	1	69	65	6	3000	Sc	8	-	1025.5	0	NNW	1	cl	59	75	6	-	-	-	A.S.	2	*								
Benson ...	1026.7	0	-	0	67	65	5	-	Cu	7	-	1025.8	0	E	1	0	64	85	4	-	Cu	8	-	-	*								
S. Farnborough ...	1026.1	0	NNW	1	67	65	6	2500	Sc	9	-	1025.3	0	NNW	1	0	66	75	6	2000	Sc	9	-	-	*								
London (Kew Obs.) ...	1026.1	-1	N	2	68	65	5	4200	Cu	7	A.S.	2	-	1025.4	0	NR	2	cl	66	65	5	3000	Sc	2	A.S.	5	*						
Croydon ...	1025.1	0	N	2	66	68	4	2000	Sc	8	-	1025.4	H	SSW	1	cl	62	85	6	2000	Sc	5	A.S.	5	*								
1H. G.M.T. OF 12 <sup>th</sup>												7H. G.M.T. OF 12 <sup>th</sup>																					
Renfrew ...	1027.1	0	-	0	62	75	5	2000	Sc	10	-	1026.0	0	-	0	cl	54	92	5	2000	Sc	10	-	-	2								
Eskdalemuir ...	1027.1	0	-	0	62	75	5	2000	Sc	10	-	1026.2	0	-	0	cl	50	97	5	1250	Sc	10	-	-	*								
Valencia (Cairn'n)	1026.9	0	SSW	2	62	75	5	-	-	-	-	1025.9	0	SSW	2	cl	58	92	4	4500	Sc	10	-	-	2								
Baldonnel ...	1026.9	0	-	0	62	75	3	750	Nb	10	-	1026.2	+1	-	0	cl	54	97	6	1250	Sc	10	-	-	*								
Didsbury ...	1026.0	-1	NNW	3	62	75	5	-	Sc	5	-	1026.5	0	-	0	cl	51	97	2	4500	Sc	10	-	-	*								
Ross on Wye ...	1026.0	-1	NNW	3	62	75	5	-	Sc	5	-	1026.0	+1	-	0	cl	54	92	4	1250	Sc	9	Ci.Cu.	1	*								
Falmouth ...	1026.5	0	-	0	62	75	5	-	Sc	10	-	1025.4	+1	NNW	2	C	56	92	6	3000	Sc	6	A.S.	2	*								
Calshot (Hants) ...	1026.7	+1	-	0	62	75	6	-	-	-	-	1026.6	0	ESE	1	cl	59	92	3	-	-	-	A.S.	3	2								
Lymington (Folkestone) ...	1026.7	+1	-	0	62	75	6	-	-	-	-	1026.5	0	-	0	cl	55	97	5	1250	Sc	4	A.S.	4	*								
Aberdeen ...	1027.3	0	-	0	53	97	5	2000	Sc	10	-	1026.6	+1	-	0	cl	52	85	6	2000	Sc	10	-	-	2								
Howden ...	1027.3	0	-	0	53	97	5	2000	Sc	10	-	1027.2	+1	-	0	cl	54	92	5	2000	Sc	10	-	-	*								
Cranwell (Lincs) ...	1027.3	+2	E	2	53	97	5	750	Sc	10	-	1027.0	0	SSW	3	cl	54	97	5	3000	Sc	10	-	-	*								
Felixstowe ...	1027.3	0	-	0	53	97	5	750	Sc	10	-	1027.6	+2	NNW	2	cl	54	97	5	3000	Cu	1	A.S.	5	1								
Shoeburyness ...	1027.3	0	-	0	53	97	5	750	Sc	10	-	1027.3	0	NE	1	Cu	55	85	5	4200	Sc	2	Ci.St.	6	*								
Benson ...	1026.1	0	-	0	53	97	5	750	Sc	10	-	1026.1	0	E	1	0	58	92	4	-	Sc	10	-	-	*								
S. Farnborough ...	1026.5	0	-	0	53	97	5	750	Sc	10	-	1026.5	0	-	0	cl	57	92	2	3000	Sc	10	-	-	*								
London (Kew Obs.) ...	1026.5	0	-	0	53	97	5	750	Sc	10	-	1027.0	+1	ESE	1	cl	59	85	4	2000	Sc	10	-	-	*								
Croydon ...	1026.6	0	-	0	53	97	5	750	Sc	10	-	1026.9	0	SSW	2	cl	55	97	4	1250	Sc	9	A.S.	1	*								
STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.																																	
STATIONS.	BAROM. at M.S.L.	TEMP. °F.	WIND. Direc. Force 0-12.	Weather.	BAROMETER.		TEMPERATURE.		WIND. Direc. Force 0-12.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.			WEATHER.			Sunshine Hours.														
					at M.S.L.	Change in 3 hours.	Temp. °F.	Change in 24 hours.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.																
18H. G.M.T. OF 11 <sup>th</sup>												7H. G.M.T. OF 12 <sup>th</sup>																					
Lerwick ...	1023.4	57	N	3	bc	1024.0	0	54	0	NW	3	-	60	49	bc	bc	bc	*															
Stornoway ...	1027.1	55	-	0	C	1025.8	0	50	0	-	0	-	58	41	C.O	C.O	bc	3.4															
Castlebay (Barra) ...	1027.0	54	NNW	2	0	1026.3	0	53	+1	NNW	2	-	55	49	C.O	0	C.O	1.4															
Malin Head ...	1026.4	54	N	1	C	1026.0	0	54	+1	N	1	-	54	51	C	C	bc	0.0															
Blackhead ...	1026.0	53	SE	1	C	1024.1	+1	55	0	NE	3	-	57	51	C	C	bc	*															
Roche's Point ...	1027.1	60	S	1	0	1026.8	0	56	+3	S	1	-	63	53	bc	bc	bc	*															
Bray Castle ...	1026.0	59	NNW	1	r	1025.1	0	54	+5	SSW	1	-	64	47	C.O	C.O	bc	2.9															
Donaghadee ...	1026.0	59	NNW	1	r	1025.8	0	53	+1	NNW	1	-	64	47	C.O	C.O	bc	*															
Liverpool (Bidston) ...	1026.7	56	NNW	1	C	1026.5	0	54	-1	NNW	1	-	60	53	bc	bc	bc	5.0															
Holyhead ...	1026.7	56	NNW	2	0	1026.4	0	56	+2	E	2	-	60	53	bc	bc	bc	7.0															
Pembroke (St. Ann's Head) ...	1026.8	59	NNE	1	0	1026.2	0	56	+1	NNE	2	-	61	52	bc	bc	bc	0.0															
Seilly (St. Mary's) ...	1027.0	61	-	0	bc	1025.9	-1	57	-2	-	0	-	66	55	bc	bc	bc	11.0															
Portlaoine (St. Anbun) ...	1025.2	62	N	3	b	1025.2	0	61	+3	E	3	-	66	57	bc	bc	bc	10.5															
Portlaoine ...	1026.0	61	N	2	bc	1026.0	0	60	+2	NE	2	-	64	55	bc	bc	bc	*															
Wick ...	1026.1	62	SE	1	bc	1026.3	+1	55	-1	NNW	2	-	66	47	bc	bc	bc	*															
Warrington ...	1025.2	53	NNW	2	C	1025.2	0	52	0	WSW	1	-	58	44	C.O	C.O	bc	1.8															
Warrington ...	1025.7	56	-	0	C	1025.3	0	54	+3	-	0	-	59	50	C.O	C.O	bc	*															
Warrington ...	1025.2	55	NE	1	0	1025.4	0	54	-2	NE	1	-	62	53	C.O	C.O	bc	*															
Warrington ...	1025.8	56	NE	2	0	1025.9	0	55	+1	E	1	-	58	53	C.O	C.O	bc	*															
Warrington ...	1025.9	57	NNE	4	C	1027.3	0	56	0	NNE	2	-	62	52	C.O	C.O	bc	4.5															
Warrington ...	1024.8	60	N	3	b	1026.6	0	55	-2	-	0	-	63	49	C.O	C.O	bc	4.2															
Warrington ...	1025.3	64	NNW	1	bc	1026.8	+1	54	-3	NNE	3	-	67	52	bc	bc	bc	0.0															

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

§ For code see page 3



[illegible]

The anticyclone over the British Isles is remaining almost stationary and weather is likely to continue fair on the whole. Locally, however, a good deal of cloud is probable and slight rain or drizzle may be anticipated in the West.

Eastern District

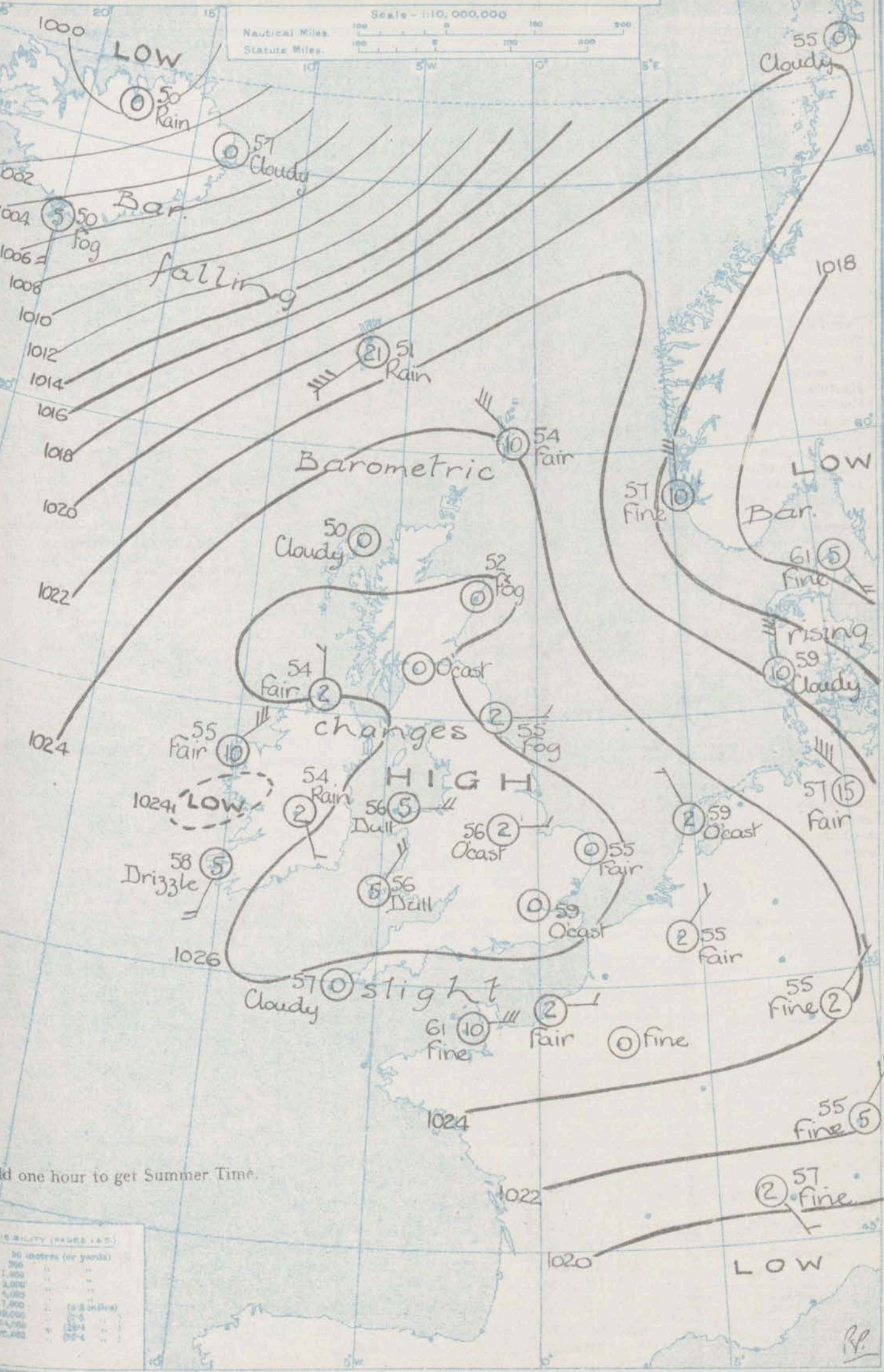
Continuing  
mainly fair.

Western District

Wind probably  
changing to S.W.  
some rain or  
drizzle locally.



Map of the Gulf of Mexico showing the coastline of the United States and Mexico. A scale bar indicates 1:10,000,000. The map includes latitude and longitude markings, and a 'LOW' label is visible.



Add one hour to get Summer Time.

CLASSIFIC CODE FOR SURVIVABILITY (PAGES 1-2)				
Obscure and visible at				
Very Low	1	30 metres (or yards)		
Low	2	300		
Medium	3	1,000		
High	4	2,000		
Very High	5	5,000		
Extremely High	6	7,000		
Extremely High	7	10,000		
Extremely High	8	24,000		
Extremely High	9	50,000		

Obscure visible beyond 5000  
Recognizable visibility

(0-5 on line)  
0-5  
10-4  
10-4



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No.225.

Thursday  
12th August

WEATHER, TEMPERATURE RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 11 <sup>th</sup> .....																				
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.			STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 10 <sup>th</sup> -11 <sup>th</sup>	Day. 9h-17h. 11 <sup>th</sup>	to 17h. 11 <sup>th</sup>	Sunrise to Sun- set. 10 <sup>th</sup>				Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 10 <sup>th</sup> -11 <sup>th</sup>	Day. 9h-17h. 11 <sup>th</sup>	to 17h. 11 <sup>th</sup>	Sunrise to Sun- set. 10 <sup>th</sup>
Scotland.	Oban ... ..	bc	o	59	50	-	-	0.2	9.5	England, N.W.	Douglas (I.O.M.)	-	-	60	57	-	-	3.7	10.4	
	Banff ... ..	o.c	c.bc	58	52	-	-	2.7	0.0		Blackpool ... ..	o.cbc	b	64	55	-	-	4.8	5.6	
	Montrose ... ..	o	o	58	62	-	-	0.4	3.2		Southport ... ..	o.c	b	61	53	-	-	6.0	2.1	
	St. Andrews ... ..	o	o	61	51	-	-	1.4	3.5											
England, N.E.	Harrogate ... ..	o	o.bc	63	53	1	-	0.3	1.2	Midlands.	Buxton ... ..	c.cr.bc	cv.bc.b	61	51	-	-	0.3	1.9	
	Scarborough ... ..	?b	?b	65	51	-	-	4.6	0.0		Leamington Spa... ..	bc	bc	67	47	-	-	6.2	1.6	
	Skegness ... ..	o.bc.b	b	63	53	-	-	5.8	5.4		Malvern ... ..	b.bc	bc	66	51	-	-	4.0	0.4	
	Lowestoft ... ..	ac	c.bc.b	61	55	-	-	4.8	5.9		Bath ... ..	b.bc	bc.c.o	67	44	-	-	4.7	3.9	
England, E.	Felixstowe ... ..	cg	bc	67	53	0.2	-	5.8	8.2	Wales.	Rhyl ... ..	bc	c	59	48	-	-	4.3	1.7	
	Southend-on-Sea... ..	bc.c.bc	b.bc	70	54	-	-	7.0	5.1		Colwyn Bay ... ..	-	-	60	50	-	-	5.5	2.3	
											Llandudno ... ..	bc.o	o	60	52	-	-	2.0	2.0	
											Aberystwyth ... ..	o.c.o	c.o	61	54	0.3	-	9.0	2.3	
England, S.E.	Tunbridge Wells	o.bc	bc.o	69	50	-	-	3.7	4.0	England, S.W.	Tenby ... ..	c	c	63	52	-	-	9.8	4.0	
	Margate ... ..	o.c	c.bc	67	57	1	-	1.4	7.7		Swansea ... ..	-	-	66	54	-	-	9.0	3.7	
	Ramsgate ... ..	*	*	64	54	1	-	3.2	8.5											
	Folkestone ... ..	bc	b	66	55	-	-	2.9	3.7		Weymouth ... ..	b	b	70	44	-	-	5.0	5.0	
	Hastings ... ..	o.bc	c.bc	67	44	-	-	3.4	3.9		Teignmouth ... ..	c.bc.b	b	66	54	-	-	5.3	5.9	
	Eastbourne ... ..	o.c.bc	c.o	66	54	-	-	3.5	3.8		Torquay ... ..	o.c.c	by	67	54	-	-	5.0	5.9	
	Brighton ... ..	3.bc	bc.c.o	68	53	-	-	6.0	2.5		Paignton ... ..	o.c.bc	b	65	52	-	-	4.4	9.8	
	Worthing ... ..	b	bc.o	68	52	-	-	6.5	2.7		Penzance ... ..	c	bc	65	47	-	-	1.3	6.6	
	Littlehampton ... ..	bc	bc.o	66	53	-	-	7.2	2.0		Newquay ... ..	o.c	o.bc.c	62	48	-	-	9.5	4.5	
	Portsmouth (S. Sea)	-	-	69	52	-	-	7.1	2.0		Bude ... ..	o	o	62	53	-	-	9.0	2.8	
	Bournemouth ... ..	*	*	71	47	-	-	10.0	3.1		Ilfracombe ... ..	o	o	62	57	-	-	2.0	1.3	
	Ventnor (I. of W.)	*	*	65	52	-	-	11.4	7.0		Weston-s-Mare ... ..	c.bc	bc.c	66	54	-	-			

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.	
STATIONS.		WEATHER.				Max. Temp. °F.		Min. Temp. °F.		RAINFALL.		Limits of Velocity at about 30 feet above ground.	
		7h-13h.	13h-18h.	18h-17h.	17h-7h.	°F.	°F.	°F.	°F.	Day. 7h-13h.	Night. 13h-17h.		
Renfrew ...	...	o.zf	o.f.u.	o.f.o	o.zf	64	51	50	-	mm.	mm.	0	Less than 1
Esksdalemuir ...	...	o.c.bc	o	o.o	o.zf	62	48	44	-	-	-	1	1-3
Valencia (Cahire'n)	...	c.o	o	o.v	o.zf	64	55	55	-	-	-	2	4-7
Baldonnel ...	...	o.f.	o.f.	o.f.	o	62	50	-	-	-	-	3	8-12
Didsbury ...	...	o.zf.o	c.o	b.bc	4.sic	65	47	36	-	-	-	4	13-18
Ross on Wye ...	...	o.zf.o	c.o	b.bc	o.f.p	70	51	47	-	-	-	5	18-24
Falmouth ...	...	o.c.o	c.o	b.bc	becw	65	51	48	-	-	-	6	25-31
Calshot (Hants.)	...	o.c.zf	b.c.zf	o.c.bc	o.c.bc	70	54	47	-	-	-	7	32-38
Lymington (Folkstone)	...	o.c.zf	o.c.zf	b.bc	o.c.bc	68	49	40	-	-	-	8	39-46
Aberdeen ...	...	o	c.o	o	o.o	61	52	50	-	-	-	9	47-54
Howden ...	...	o.zf.o	o.bc	o.c.o	o.f.w	66	53	50	-	-	-	10	55-63
Cranwell (Lines)	...	o.c.o	o	o.f.sic	o.zf	65	52	-	-	0.4	-	11	64-73
Felixstowe ...	...	3.o	b.bc	b.bc	b.bc	67	47	-	-	-	-	12	74 or above
Shoeburyness ...	...	o.c.o	bc.c	b.bc	becw	70	47	40	-	-	-		
Benson ...	...	-	bc	b.c	bec	70	49	51	-	-	-		
S. Farnborough ...	...	o.zf.o	o.f.c.o	c.o	o.zf	71	50	47	-	-	-		
London (New Ob.)	...	o.c.o	c.o	o	o.zf	69	52	54	-	-	-		
Croydon ...	...	o.c.zf	o.c.zf	o.f.o	o.zf	63	53	-	-	-	-		

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).		TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
Morning.		WEATHER.		Max. Temp. °F.		Min. Temp. °F.		Rainfall.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.		Stations.		Sunrise.	
		Afternoon.	Night.	°F.	°F.	°F.	°F.	mm.	mm.						
24 HOURS ENDED ON G.M.T. 12th										YESTERDAY.		TO-DAY.		12th August 1920.	
Greenwich (Royal Observatory)	...	c.o	o.bc	om	70	53	47	-	2.8	62	73	Yarmouth ...	4.22	11.58	7.34
City (Bunhill Row)	...	*	*	*	*	*	*	*	2.7	*	*	Greenwich	4.34	12.5	7.25
Westminster (St. James's Park)	...	*	*	*	69	58	51	-	3.2	57	67	Wick	4.42	12.17	7.21
(Admiralty Arch)	...	bc.m	bc.m	om	70	58	-	-	2.8	56	67	Valencia ...	4.29	12.46	7.10
Camden Sq. (British Rainfall)	...	c.o	o	*	73	56	52	-	-	62	84				
Kensington Palace	...	o	o	*	70	57	55	-	-	73 (18h)	77				
Hampstead Observatory	...	*	*	*	67	54	*	-	3.7	*	85				

Photographic Record of

Pole Star (Polaris) and of 8 Ursae

Minoris at Greenwich Observatory.

Exposure from 11<sup>h</sup> 21. h. 9. m. to 12<sup>h</sup> 3. h. 9. m.

Stars.	Duration of Exposure.	Duration of Record.		
Polaris	h. m.	h.	m.	%
8 Ursae	6 0	2	32	42
Minoris	6 0	0	44	12

NOTES ON THE WEATHER OF YESTERDAY.

The day was fair in most parts of the Kingdom but rain occurred in Ireland and there was also slight local drizzle in parts of Great Britain. At Birr Castle the fall amounted to 6mm. Sunshine was most abundant on the South Coast, Ventnor (I.O.W.) having 11.4 hours up to 17h. G.M.T. Temperature rose to 70° or slightly above in the South but remained below the normal for the season in the North. At Malin Head the maximum was no higher than 54°.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B. 21, 449 ... FRIDAY, 13<sup>TH</sup> AUGUST, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.																													
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		TEMP. °F.	Humidity. %	Visibility. 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		TEMP. °F.	Humidity. %	Visibility. 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.			
			Dir.	Force 0-12.					Form.	Amt. 0-10.	Form.	Amt. 0-10.				0-9.	Form.					Amt. 0-10.	Form.	Amt. 0-10.	0-9.				
12H. G.M.T. OF 12 <sup>th</sup>																													
Renfrew ...	1026.1	0	SW	2	59	65	6	2000	St.	10	-	-	-	1025.4	0	SW	3	59	75	7	2200	St.	5	AS	5	*	*		
Eskdalemuir ...	1026.1	0	SW	2	57	75	7	-	St.	10	-	-	-	1025.2	-1	SW	2	57	85	7	-	St.	10	-	-	-	3		
Valencia (Cahoon) ...	1025.8	0	W	2	58	97	8	750	St.	10	-	-	2	1025.1	-1	NW	3	58	85	7	1250	St.	10	-	-	-	*		
Baldonnel ...	1026.0	-1	-	0	58	85	5	750	St.	10	-	-	-	1025.1	-1	ENE	2	58	85	5	750	St.	10	-	-	-	*		
Dunbury ...	1026.3	0	-	0	57	92	1	2500	St.	10	-	-	-	1024.9	-2	NW	1	57	85	2	3000	St.	10	-	-	-	*		
Ross on Wye ...	1025.2	-1	W	2	57	85	6	4200	St.	7	C	2	-	1024.8	0	NW	1	57	85	4	1250	St.	9	C	1	-	*		
Falmouth ...	1025.7	0	SW	3	57	85	6	-	St.	5	A	4	-	1024.2	-1	NNE	2	57	85	6	-	St.	7	A	1	-	*		
Calshot (Hants) ...	1026.3	0	SE	3	57	85	7	1250	St.	10	-	-	3	1025.3	-1	E	3	57	85	8	2000	St.	3	A	3	2	*		
Lymington (Folkestone) ...	1026.0	0	SE	4	57	85	8	3000	St.	2	A	7	-	1025.2	-1	ENE	4	57	85	8	-	-	C	6	-	*			
Aberdeen ...	1025.8	-1	SE	2	56	65	7	2000	St.	1	C	1	2	1024.1	-2	SE	2	56	85	7	5700	St.	4	C	1	4	2		
Rowden ...	1027.3	0	-	0	56	97	1	750	St.	10	-	-	-	1025.8	-2	-	0	56	92	5	4200	St.	6	A	4	-	*		
Granwell (Lincs) ...	1027.1	0	S	3	58	85	5	4200	St.	5	-	-	-	1026.6	-2	ENE	1	58	92	5	3000	St.	10	-	-	-	*		
Felixstowe ...	1027.7	-1	SE	2	57	85	8	-	St.	1	A	7	1	1026.5	-1	E	3	57	85	7	-	-	C	6	1	-	*		
Shoeburyness ...	1027.1	0	E	2	57	85	5	4200	St.	1	C	5	-	1026.1	-2	E	1	57	85	4	5700	St.	6	-	-	-	*		
Benson ...	1025.7	-1	E	1	57	85	5	-	St.	10	-	-	-	1024.7	-1	-	0	57	85	4	-	St.	10	-	-	-	*		
S. Farnborough ...	1026.2	-1	NNE	1	57	85	6	1250	St.	6	A	2	-	1024.7	-1	SW	1	57	85	6	1250	St.	5	A	3	-	*		
London (Kew Obs.) ...	1026.3	-1	SE	1	57	85	6	4200	St.	3	A	6	-	1025.2	-1	SE	2	57	85	6	-	-	A	4	-	-	*		
Croydon ...	1026.3	0	N	1	57	85	6	3000	St.	7	A	3	-	1025.4	-2	E	2	57	85	7	-	-	A	4	-	-	*		
1H. G.M.T. OF 13 <sup>th</sup>																													
Renfrew ...	1025.6	0	-	0	57	92	2	-	-	-	-	-	-	1024.2	-1	WSW	2	57	85	5	5700	St.	7	A	3	-	*		
Eskdalemuir ...	1024.6	0	WNW	2	57	92	2	-	-	-	-	-	-	1024.8	0	-	0	57	97	1	4500	St.	10	-	-	-	*		
Valencia (Cahoon) ...	1024.6	0	WNW	2	57	92	2	-	-	-	-	-	-	1024.2	0	-	0	57	97	8	2000	St.	2	A	5	-	2		
Baldonnel ...	1025.5	-1	-	0	57	92	4	-	-	-	-	-	-	1024.4	0	-	0	57	92	2	1250	St.	10	-	-	-	*		
Dunbury ...	1024.4	-1	N	1	57	92	6	-	St.	10	-	-	-	1024.6	+1	E	2	57	92	3	750	St.	10	-	-	-	*		
Ross on Wye ...	1024.4	-1	N	1	57	92	6	-	St.	10	-	-	-	1023.6	0	N	1	57	92	5	2000	St.	10	-	-	-	*		
Falmouth ...	1025.1	-1	E	2	57	92	6	-	-	-	A	10	2	1024.6	0	ENE	2	57	92	6	-	-	C	7	2	-	*		
Calshot (Hants) ...	1024.7	-1	NE	2	57	92	6	-	-	-	-	-	-	1024.0	-1	ENE	3	57	92	6	5700	St.	1	A	2	-	*		
Lymington (Folkestone) ...	1025.8	-1	-	0	57	92	4	4500	St.	10	-	-	-	1025.3	+1	-	0	57	97	4	4500	St.	10	-	-	-	*		
Aberdeen ...	1025.8	-1	E	1	57	92	6	1250	St.	10	-	-	-	1025.0	0	SSE	1	57	97	5	4200	St.	8	A	2	-	*		
Rowden ...	1025.8	-1	E	1	57	92	6	1250	St.	10	-	-	-	1025.0	0	SSE	1	57	97	5	4200	St.	8	A	2	-	*		
Granwell (Lincs) ...	1025.8	-1	E	1	57	92	6	1250	St.	10	-	-	-	1025.0	0	SSE	1	57	97	5	4200	St.	8	A	2	-	*		
Felixstowe ...	1025.8	-1	E	1	57	92	6	1250	St.	10	-	-	-	1025.0	0	SSE	1	57	97	5	4200	St.	8	A	2	-	*		
Shoeburyness ...	1025.8	-1	E	1	57	92	6	1250	St.	10	-	-	-	1025.0	0	SSE	1	57	97	5	4200	St.	8	A	2	-	*		
Benson ...	1025.8	-1	E	1	57	92	6	1250	St.	10	-	-	-	1025.0	0	SSE	1	57	97	5	4200	St.	8	A	2	-	*		
S. Farnborough ...	1025.8	-1	E	1	57	92	6	1250	St.	10	-	-	-	1025.0	0	SSE	1	57	97	5	4200	St.	8	A	2	-	*		
London (Kew Obs.) ...	1025.8	-1	E	1	57	92	6	1250	St.	10	-	-	-	1025.0	0	SSE	1	57	97	5	4200	St.	8	A	2	-	*		
Croydon ...	1025.8	-1	E	1	57	92	6	1250	St.	10	-	-	-	1025.0	0	SSE	1	57	97	5	4200	St.	8	A	2	-	*		
24 HOURS ENDED 7H. 13 <sup>th</sup>																													
Renfrew ...	1017.7	-2	SW	5	54	10	5	-	St.	10	-	-	-	1017.7	-2	SW	5	54	10	5	-	St.	10	-	-	-	-	-	
Eskdalemuir ...	1017.4	-1	SW	3	56	10	3	-	St.	10	-	-	-	1017.4	-1	SW	3	56	10	3	-	St.	10	-	-	-	-	-	
Valencia (Cahoon) ...	1023.5	-1	SW	4	55	10	4	-	St.	10	-	-	-	1023.5	-1	SW	4	55	10	4	-	St.	10	-	-	-	-	-	
Baldonnel ...	1023.5	-1	SW	4	55	10	4	-	St.	10	-	-	-	1023.5	-1	SW	4	55	10	4	-	St.	10	-	-	-	-	-	
Dunbury ...	1023.5	-1	SW	4	55	10	4	-	St.	10	-	-	-	1023.5	-1	SW	4	55	10	4	-	St.	10	-	-	-	-	-	
Ross on Wye ...	1023.5	-1	SW	4	55	10	4	-	St.	10	-	-	-	1023.5	-1	SW	4	55	10	4	-	St.	10	-	-	-	-	-	
Falmouth ...	1023.5	-1	SW	4	55	10	4	-	St.	10	-	-	-	1023.5	-1	SW	4	55	10	4	-	St.	10	-	-	-	-	-	
Calshot (Hants) ...	1023.5	-1	SW	4	55	10	4	-	St.	10	-	-	-	1023.5	-1	SW	4	55	10	4	-	St.	10	-	-	-	-	-	
Lymington (Folkestone) ...	1023.5	-1	SW	4	55	10	4	-	St.	10	-	-	-	1023.5	-1	SW	4	55	10	4	-	St.	10	-	-	-	-	-	
Aberdeen ...	1023.5	-1	SW	4	55	10	4	-	St.	10	-	-	-	1023.5	-1	SW	4	55	10	4	-	St.	10	-	-	-	-	-	
Rowden ...	1023.5	-1	SW	4	55	10	4	-	St.	10	-	-	-	1023.5	-1	SW	4	55	10	4	-	St.	10	-	-	-	-	-	
Granwell (Lincs) ...	1023.5	-1	SW	4	55	10	4	-	St.	10	-	-	-	1023.5	-1	SW	4	55	10	4	-	St.	10	-	-	-	-	-	
Felixstowe ...	1023.5	-1	SW	4	55	10	4	-	St.	10	-	-	-	1023.5</															



# SUMMARY OF CONDITIONS AT 7 h. G.M.T. 13.8.1920.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Fair or fine, misty.	var.	Slight.
2. E. England	Cloudy or dull, misty.	Indiff.	V. Smooth.
3. E. Midlands	variable sky, local mist.	poor	-
4. W. Midlands	Dull, local mist.	"	-
5. S.W. England	Fair to dull, local mist.	Indiff.	Smooth.
6. South Wales	Fair generally.	Indiff.	V. Smooth.
7. North Wales	Fine or fair, hazy.	"	Calm.
8. N.W. England	Fair to dull, local fog.	Bad	V. Smooth.
9. N. Midlands	Dull, misty.	Poor	-
10. N.E. England	Fair to dull, misty.	V. Poor	Smooth.
11. E. Scotland	Cloudy or dull, local mist.	Poor	"
12. S.W. Scotland	Dull, some mist or fog.	Var.	V. Smooth.
13. Isle of Man	Fine to cloudy.	Indiff.	Smooth.
14. N. & N.W. Scotland	Cloudy or dull, local mist.	"	"
15. Hebrides	Cloudy or dull.	Fair	"
16. Orkneys and Shetlands	Cloudy, misty, squally.	Indiff.	"
17. N.W. Ireland	Cloudy or dull.	"	"
18. N.E. Ireland	Cloudy.	"	V. Smooth.
19. S.E. Ireland	Dull.	"	"
20. S.W. Ireland	Cloudy or dull.	Fair.	Smooth.

Temperature reported from Coastal and Cross Channel Steamers

Position Number	Date	Time G.M.T.	Sea ° F	Air ° F
5	12 <sup>th</sup>	0705	54	54
3	12 <sup>th</sup>	0925	55	55
1	12 <sup>th</sup>	1335	59	64
2	13 <sup>th</sup>	0425	56	55

CHART OF POSITION NUMBERS and Upper Cloud



Upper Cloud and Isallobars.



Lower Cloud.



GENERAL INFERENCE from observations received up to 9h. G.M.T.

The anticyclone over the British Isles will maintain fair weather in all parts of the Kingdom for two or three days, except in the North of Scotland where some rain is probable.

EXPLANATION.  
BAROMETER.—Isobars are drawn at intervals of two millibars.  
WIND.—Direction is shown by the flag with the wind force.  
TEMPERATURE.—Mean velocity is shown by the number of degrees per hour by figures in small circles.  
WEATHER SYMBOLS.—  
Clear sky.   
Sunny & cloudy.   
Overcast sky.   
Snow.   
Thunder.   
SEA DISTURBANCE.—  
Rough.   
High.

Further Outlook.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 13th August, 1920.
1. S.E. England	Light Easterly winds; fair generally; some morning mist, visibility fair during day; warmer.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	Light variable or Westerly breezes; fair generally, some morning mist, visibility fair during day; temperature moderate.
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Moderate Westerly wind; cloudy, probably some rain, visibility fair, local mist; temperature moderate.
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	Light winds between S. and W.; mainly fair, visibility fair but some morning mist; temperature moderate.
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

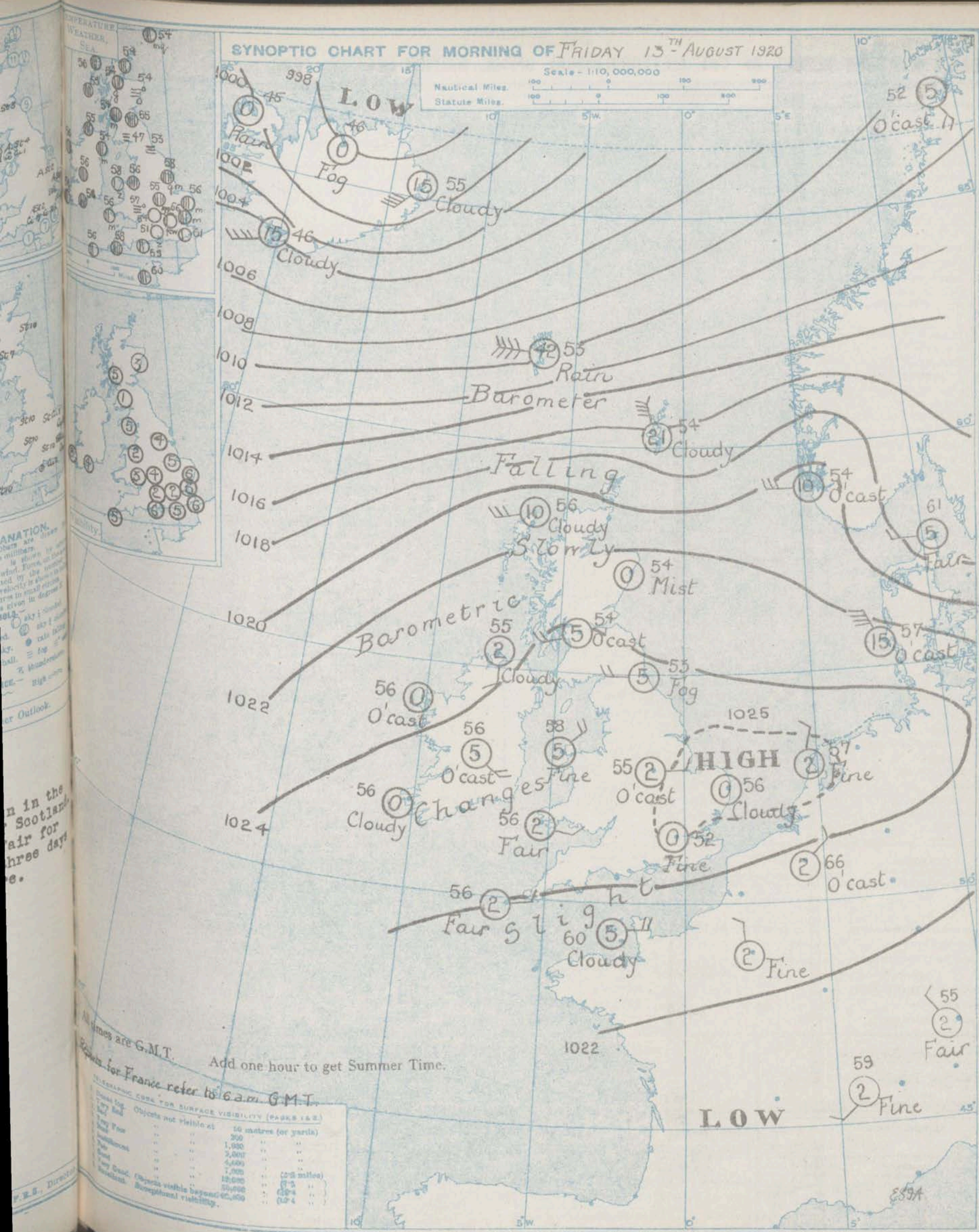
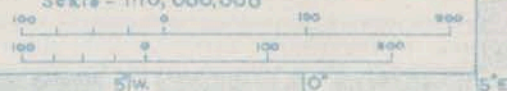
Some rain in the North of Scotland. Mainly fair for two or three days elsewhere.



SYNOPTIC CHART FOR MORNING OF *FRIDAY 13<sup>TH</sup> AUGUST 1920*

Scale - 1:10,000,000

Nautical Miles  
Statute Miles.



Add one hour to get Summer Time.

For France refer to 6 a.m. G.M.T.

FOR SURFACE VISIBILITY (PARAG 1 & 2)			
Obscure not visible at	10 metres (or yards)		
" " " "	200		
" " " "	1,000	"	"
" " " "	2,000	"	"
" " " "	4,000	"	"
" " " "	7,000	"	"
" " " "	10,000	"	"
" " " "	50,000	"	"
" " " "	100,000	"	"
Obscure visible beyond			
Horizontal visibility			

F. B. I., Director



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 226

Friday  
13<sup>th</sup> August

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 12 <sup>th</sup>																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 11-12.	Day. 12-17.	to 17h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 11-12.	Day. 12-17.	to 17h.	Sunrise to Sunset.
Scotland.	Oban ... ..	o.c.		60	52	-	-	6.0	0.5	England, N.W.	Douglas (I.O.M.)								
	Banff ... ..	c	c.b.c.	61	51	-	-	3.5	2.9		Blackpool ... ..	c.b.c.		65	52	0.2	-	7.1	6.2
	Montrose ... ..	o.b.c.	bc	58	51	-	-	3.3	0.4		Southport ... ..	a.c.	o	62	51	0.3	-	0.0	
	St. Andrews ... ..	c	o	60	52	-	-	0.3	1.4										
England, N.E.	Harrogate ... ..	o	om	75.7	50	-	-	9.0	0.5	Midlands.	Buxton ... ..	c.m.c.	o.o.c.c.	57	45	0.4	6	0.0	1.6
	Scarborough ... ..	o	o	63	51	-	-	0.0	4.6		Leamington Spa ... ..	o	o	66	54	-	-	1.1	7.5
	Skewness ... ..	m.o	o	61	49	-	-	4.1	6.5		Malvern ... ..	m	3	68	53	-	-	2.0	4.0
	Lowestoft ... ..	bc	bc.c	61	49	-	-	8.5	5.6		Bath ... ..	o.c.b.c.	o.c.b.c.	70	62	-	-	0.0	4.7
England, E.	Felixstowe ... ..	bc	b	64	49	-	-	9.5	7.1	Wales.	Rhyl ... ..	o	o	61	51	2	-	0.4	4.3
	Southend-on-Sea ... ..	bc.c	bc.o	68	51	-	-	5.5	7.3		Colwyn Bay ... ..			60	52	2	-	0.2	6.5
											Llandudno ... ..	*	*	61	52	1	3	0.0	9.0
											Aberystwyth ... ..	r.o	o.c.o	62	54	-	-	1.0	0.0
England, S.E.	Tunbridge Wells ... ..	o.o.c	bc.c	67	53	-	-	3.6	3.7	England, S.W.	Tenby ... ..	cp	c	64	49	-	-	1.3	0.8
	Margate ... ..	b.b.c	b.b.c	64	54	-	-	8.9	1.9		Swansea ... ..	-	-	68	55	-	-	1.5	10.0
	Ramsgate ... ..	*	*	64	53	-	-	9.5	4.3		Weymouth ... ..	o	o.b.c	66	53	-	-	1.7	6.5
	Folkestone ... ..	b	b	68	53	-	-	6.7	3.4		Teignmouth ... ..	c	bc.o	66	51	-	-	2.0	7.1
	Hastings ... ..	bc.c	bc.b	66	54	-	-	6.7	3.4		Torquay ... ..	bc	o	64	52	-	-	2.5	6.4
	Eastbourne ... ..	o.c	bc	66	55	-	-	5.4	3.5		Paignton ... ..	bc.c	c.o	66	48	-	-	2.8	5.0
	Brighton ... ..	o.c	c.b	65	55	-	-	3.7	6.0		Penzance, ... ..	bc.c	c.o	66	53	-	-	0.2	2.0
	Worthing ... ..	bc	b	66	54	-	-	6.5	6.5		Newquay ... ..	o	o	62	48	-	-	2.7	0.7
	Littlehampton ... ..	om	b	66	53	-	-	5.5	7.2		Bude ... ..	o	o	65	50	-	-	0.0	0.0
	Portsmouth (S. base) ... ..	-	-	65	56	-	-	5.0	7.6		Ilfracombe ... ..	o	or	64	54	-	-	4.0	2.0
	Bournemouth ... ..	*	*	67	52	-	-	4.5	11.3		Weston-s-Mare ... ..	m.c.b.c	bc	70	64	-	-		
	Ventnor (I. of W.) ... ..	*	*	67	56	-	-	6.0	12.2										

SUMMARY FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.	
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUN.					
		7h-13h	13h-18h	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Day. 7h-13h	Night. 13h-17h	Sun. Hours.				
Renfrew	...	o.f.	o3	o1f.o2f	o2f	62	52	50	0.2	-	-	0.2	b blue sky (not more than a quarter covered).
Eskdalemuir	...	o1f.o	o	bc.b.c	3f.w.sfe	58	44	42	-	-	-	0.0	bc sky partly cloudy (one half covered).
Valencia (Cahire'n)	...	o2f.pd.o2f.o	o1f	o	pd.s	60	55	52	1	-	-	0.0	c generally cloudy (three quarters covered).
Baldonnel	...	o1f.	o1f	o1fe.									d drizzle, or fine rain.
Didsbury	...	o2f.pd.o2f.o	o2f	o3f	o4.sfe	64	51	47	1	-	-	0.4	e wet air without rain falling.
Ross on Wye	...	o2f.pd.o2f.o	o2f	o3f.pd.o2f	o3f.pd.o2f	69	54	55	-	-	-	1.7	f fog.
Falmouth	...	c.o1f.	-? c.o	c.o	o2f	63	54	52	-	Trace	-	4.8	g gloom.
Calshot (Hants)	...	bc.b.c	o2f.o	b.b.c	h.f.b.c	65	54	51	-	-	-	4.8	h hail.
Lymington (Folkestone)	...	c.o2f.	c.o2f	b.b.c	b.b.c	64	50	?	-	-	-	9.0	i lightning.
Aberdeen	...	o1f.b	bc.b	1f	o1f.o2f	61	52	51	-	1	-	2.9	m mist.
Howden	...	o3f.b	o2f.o	c.o2f	o2f	58	51	48	1	-	-	0.0	n overcast sky.
Cranwell (Lincs)	...	o.pd.o	pd.o	o2f.o1f	o2f	62	53	*	1	Trace	-	0.0	p passing showers.
Felixstowe	...	3.b.c	bc.c	c.o	c.o2	65	52	*	*	*	*	6.5	q squalls.
Shoeburyness	...	bc.c	bc.c	b.b.c	b.b.c	66	49	45	-	-	-	*	r rain.
Benson	...		c.o	o.b	bc.b	68	49	45	-	-	-	*	s sleet, i.e. rain and snow together.
S. Farnborough	...	o2f.c.o	c.o1f.	c.o2f	b.b.c	69	45	41	-	-	-	0.7	t thunder.
London (Kew Obs.)	...	o2f.3	o2f.3	o2f.3	3f.w	70	49	41	-	-	-	1.2	u ugly, threatening sky.
Croydon	...	o2f.o1f	o2f.o1f	o2f.o1f	b.b.c	68	46	*	-	-	-	*	v unusual visibility.

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

**BEAUFORT NOTATION.**  
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.  
e wet air without rain falling.  
f fog.  
g gloom.  
h hail.  
i lightning.  
m mist.  
n overcast sky.  
p passing showers.  
q squalls.  
r rain.  
s sleet, i.e., rain and snow together.  
t thunder.  
u ugly, threatening sky.  
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.

**THE BEAUFORT SCALE OF WIND FORCE.**  
Used only for surface observations.

No.	Statute miles per hour.	Metres per second.
0	Less than 1	0.3-1.9
1	1-3	1.0-3.7
2	4-7	3.4-6.4
3	8-12	5.3-7.9
4	13-18	8.0-10.7
5	19-24	10.8-13.8
6	25-31	13.9-17.1
7	32-38	17.2-20.7
8	39-46	20.8-24.4
9	47-54	24.5-28.1
10	55-63	28.2-33.8
11	64-75	33.9-39.6
12	Above 76	40.7 or above

**SYMBOLS.**

Aurora	☀	Solar halo
Rime	☾	Lunar halo
Glazed frost	☼	Solar corona
Glazed roads	☾	Lunar corona

LONDON OBSERVATIONS.		WEATHER.			Max. Temp.		Min. Temp.		Min. on Grass		Rain-fall.		Sun-shine to Sunset.		HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).		TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.								
Morning.		Afternoon.		Night.		° F.		° F.		° F.		mm.		Hours.		15 h. G.M.T.		9 h. G.M.T.									
24 HOURS ENDED 11 <sup>th</sup> G.M.T. 13 <sup>th</sup>												YESTERDAY.		TO-DAY.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.		13 <sup>th</sup> & 14 <sup>th</sup> August 1920.									
																				Stations.		Sunrise.		Noon.		Sunset.	
																				G.M.T.		G.M.T.		G.M.T.		G.M.T.	
Greenwich (Royal Observatory)		b	b.b.c-bz	bc.bz		69		46		40		-		3.3		56		74		Yarmouth...		{ 4.34		{ 11.58		{ 7.22	
City (Bunhill Row)		*	*	*		69		51		43		-		2.3		51		69		Greenwich		{ 4.26		{ 11.55		{ 7.10	
Westminster (St. James's Park)		*	*	*		69		51		43		-		1.5		51		69		Wick		{ 4.26		{ 12.5		{ 7.36	
" (Admiralty Arch)		om.c	om.c	bc.m		69		55		*		-		3.1		-		-		Valencia		{ 4.44		{ 12.5		{ 7.24	
Camden Sq. (British Rainfall)		om.	o	*		73		49		46		-		*		54		75				{ 4.26		{ 12.7		{ 7.3	
Kensington Palace		o.b.c	bc	*		70		50		43		-		*		66 (18h)		75				{ 4.31		{ 12.7		{ 7.0	
Hampstead Observatory		*	*	*		66		51		*		Trace		0.5		-		74				{ 4.34		{ 12.46		{ 7.10	
																				Average Rate. 20.0							
																				Maximum Rate. 60							

### NOTES ON THE WEATHER OF YESTERDAY.

Rain was heavy locally in Ireland (15mm at Roches Point) and some rain also fell in Scotland, Wales and parts of England. In the East and South of England and in the extreme North of Ireland the day was generally fair with 8 to 10 hours of bright sunshine. Temperature remained rather below normal, a maximum of 70° being reached at only a few stations in the South.







# SUMMARY OF CONDITIONS AT 7 h.G.M.T. 14.8.1920.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.	Temperature reported from Coastal and Cross Channel Steamers.				
				Position Number.	Date	Time G.M.T.	Sea °F	Air °F
1. S.E. England	Fine, local mist & fog.	Poor	Smooth.	7	13 <sup>h</sup>	0155	60	61
2. E. England	Fair, misty.	"	V. Smooth.	12	13 <sup>h</sup>	0330	54	55
3. E. Midlands	Dull, misty.	"	-	4	13 <sup>h</sup>	03-5	60	58
4. W. Midlands	Dull, foggy.	V. Poor	-	5	13 <sup>h</sup>	04-16	61	60
5. S.W. England	Fair to fine.	Good	Smooth.	1	13 <sup>h</sup>	0705	54	55
6. South Wales	Dull.	Fair	V. Smooth.	6	13 <sup>h</sup>	1130	59	61
7. North Wales	Dull, gloomy.	"	Smooth.	2	14 <sup>h</sup>	1430	61	65
8. N.W. England	Dull, squally.	V. Good	Slight.	7	14 <sup>h</sup>	0045	56	57
9. N. Midlands	Dull, misty.	Poor	-		14 <sup>h</sup>	02-15	60	60
10. N.E. England	Dull, misty.	"	V. Smooth.					
11. E. Scotland	Fine to dull & misty.	V. Good	"					
12. S.W. Scotland	Dull.	Good	"					
13. Isle of Man	Dull, misty.	Fair	"					
14. N. & N.W. Scotland	Dull, misty.	Good	Smooth.					
15. Hebrides	Dull.	Fair	"					
16. Orkneys and Shetlands	Dull, misty.	"	"					
17. N.W. Ireland	Dull, misty.	"	"					
18. N.E. Ireland	Dull, misty.	"	"					
19. S.E. Ireland	Fair.	Good	"					
20. S.W. Ireland	Dull, drizzle.	Indiff.	"					



GENERAL INFERENCE from observations received up to 9h. G.M.T.  
 There will be an anticyclone to the West of Ireland during the next two or three days. An appreciable amount of rain is therefore unlikely in England and Ireland during that period, but in Scotland there may be some showers. Moderate Northerly winds are indicated, with much cloud at times.

EXPLANATION.  
 BAROMETER.—Isobars are drawn at intervals of two millibars.  
 WIND.—Direction is shown by the flying with the wind. Force, in knots, 0-12, is indicated by the number of feathers. Mean velocity is shown in per hour by figures in square brackets.  
 TEMPERATURE.—Temperature is given in degrees Fahrenheit.  
 WEATHER SYMBOLS.—  
 clear sky. ☉  
 sky 1 clouded. ☁  
 overcast sky. ☁  
 snow. ❄  
 hail. ⚡  
 thunder. ⚡  
 SEA DISTURBANCE.—  
 Rough. ~~~~~  
 High. ~~~~~

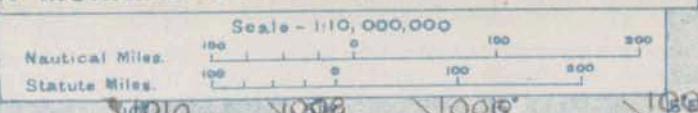
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 14th August, 1920.
1. S.E. England	Light to moderate Northerly wind; mainly fair to fine, some mist at night; moderate temperature.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	Moderate N.W. wind; cloudy, with bright intervals, some mist at night; moderate temperature.
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	Light N.W. to N. breezes; fair to fine, but mist and perhaps local drizzle at night; moderate temperature.
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	Light N.W. to N. breezes; fair to fine, but mist and perhaps local drizzle at night; moderate temperature.
20. S.W. Ireland	

Further Outlook.  
 Fair for two or three days in England and Ireland. Mainly fair in Scotland but some showers not improbable.



# SYNOPTIC CHART FOR MORNING OF SATURDAY 14<sup>TH</sup> AUGUST 1920

**LOW**



**EXPLANATION.**  
Observations are drawn to a millibar. Force, in the wind, is shown by the number of strokes. The direction is given by the arrow. The velocity is shown by the number in small circles. The nature of the weather is given by the symbol.

**SYMBOLS.**  
☉ sky clear  
☁ sky cloudy  
☂ rain falling  
☃ snow falling  
☄ hail falling  
★ thunderstorm  
☆ high

**Other Outlook.**

or two or  
days in  
and Ire  
mainly fa  
land but  
showers not  
able.

**HIGH**

Barometer

Rising

Falling

1026

1024

1022

1020

Add one hour to get Summer Time.

All times are G.M.T.

Reports for France refer to 6 a.m. G.M.T.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 122)

Objects not visible at	50 metres (or yards)
Very Poor	300
Poor	1,000
Indifferent	2,000
Fair	4,000
Good	7,000
Very Good	12,000
Excellent	20,000

Objects visible beyond 20,000 feet (6.5 miles) are exceptional visibility.

F.R.S., Director

ESSA



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 227.

Saturday  
14th August

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 13 <sup>th</sup>																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12-13 <sup>h</sup> .	Day. 13-17 <sup>h</sup> .	to 17 <sup>h</sup> .	Sunrise to Sunset. 12 <sup>h</sup> -12 <sup>h</sup> .			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12-13 <sup>h</sup> .	Day. 13-17 <sup>h</sup> .	to 17 <sup>h</sup> .	Sunrise to Sunset. 12 <sup>h</sup> -12 <sup>h</sup> .
Scotland.	Oban ...	b.c.b		59	51	0.3	-	3.5	6.0	England, N.W.	Douglas (I.O.M.)	-	-	67	46	-	-	10.0	?
	Banff ...	c.b.c	c.o	66	51	3	-	2.8	3.5		Blackpool ...	b.c.b		64	52	-	-	9.0	7.6
	Montrose ...	c.b.c	b.c	70	52	-	-	2.0	3.3		Southport ...	b	b	63	51	-	-	10.0	9.0
	St. Andrews ...	-	-	67	51	-	-	2.5	0.3										
England, N.E.	Harrogate ...	b.m	b	68	48	-	-	2.2	0.0	Midlands.	Buxton ...	b.c.v.b.c	b.c.v.b.c	67	52	-	-	5.5	0.0
	Scarborough ...	b	b	72	50	-	-	7.8	0.0		Leamington Spa...	c.b	o	69	49	4	-	2.5	0.0
	Skegness ...	o.c.b	b.b.c.o	67	56	-	-	4.0	0.1		Malvern ...	3	3	71	56	-	-	4.8	1.1
England, E.	Lowestoft ...	b.c	b.c	64	54	-	-	10.4	9.1	Wales.	Bath ...	b.b.c.c	b.c.b	71	52	-	-	7.0	2.2
	Felixstowe ...	b.c	b	65	54	-	-	9.2	9.8		Rhyl ...	b.c	b.c.b	63	49	-	-	8.5	0.0
	Southend-on-Sea...	b.c.b	b	69	50	-	-	9.8	5.5		Colwyn Bay ...	-	-	63	52	-	-	9.5	0.4
England, S.E.	Tunbridge Wells	b.b.c	b	70	44	-	-	9.6	3.6	England, S.W.	Llandudno ...	-	-	63	49	-	-	8.0	0.0
	Margate ...	b	b	65	50	-	-	10.6	9.1		Aberystwyth ...	o.c.c	b.b.c	68	55	-	-	8.8	0.0
	Ramsgate ...	-	-	-	-	-	-	-	-		Tenby ...	b	b.c.b	69	56	-	-	4.7	1.3
	Folkestone ...	b	b	67	56	-	-	9.9	7.9		Swansea ...	-	-	70	58	-	-	10.3	1.7
	Hastings ...	b.c.b	b	69	52	-	-	11.0	6.8		Weymouth ...	b	b	69	55	-	-	5.3	1.7
	Eastbourne ...	b.y	b.c	67	52	-	-	10.9	6.0		Teignmouth ...	c.b.c.b	b	67	56	-	-	4.8	2.0
	Brighton ...	o.c.b.c	b.c	72	53	-	-	9.3	6.4		Torquay ...	o	b	66	58	-	-	5.3	2.5
	Worthing ...	b.c	b.c	69	54	-	-	9.6	6.5		Paignton ...	om	b.c.b	66	56	-	-	4.3	2.8
	Littlehampton ...	b.c	b.c	69	56	-	-	6.2	6.1		Penzance ...	o.c.b.c	b.c.c	67	57	0.1	-	7.3	0.8
	Portsmouth (S. thea)	-	-	70	54	-	-	10.4	5.5		Newquay ...	b	b	65	58	0.4	-	5.7	2.7
	Bournemouth ...	-	-	71	52	-	-	10.0	4.9		Bude ...	b	b.c	66	54	-	-	7.8	0.0
Ventnor (I. of W.)	-	-	68	57	-	-	9.9	6.0	Ilfracombe ...	c.b.c.b	b.b.c	66	57	-	-	9.5	4.0		
										Weston-s-Mare ...	b.c.b	b.m	71	57	-	-			

STATIONS.		SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.	
		WEATHER.				TEMPERATURE.		RAINFALL.		SHED.					
		7h-13h	13h-18h	18h-24h	1h-7h	Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	Day. Rain. 7h-13h		Night. Rain. 13h-24h				
Renfrew	...	oif	o3	c.o.f	oif	62	54	50	mm.	mm.	0.1	b blue sky (not more than a quarter covered).	No.	Limits of Velocity at about 30 feet above ground.	
Eskdalemuir	...	c.b.c	o	c.o.o	c.o	63	47	50	-	-	2.3	bc sky partly cloudy (one half covered).			
Valencia (Cahire's)	...	p.o.c.o	o	c.o.o	o.d.d.	62	54	48	-	1	0.0	c generally cloudy (three quarters covered).	0	Less than 1	
Baldonnel	...	oif	c.o.f	oif	c.o	67	50	-	-	-	2.3	d drizzle, or fine rain.			
Didsbury	...	c.b.c	b.c	b.c	b.c	70	46	39	-	-	-	e wet air without rain falling.	1	1-8	
Ross on Wye	...	c.b.c	b.c	b.c	b.c	71	47	39	-	-	-	f fog, g gloom.			
Falmouth	...	c.o.c	o	c.o.o	c.o	64	54	48	-	2	6.6	h hail, i lightning.	2	4-7	
Calshot (Hants)	...	b.c	b.c	b.c	b.c	70	53	40	-	-	3.4	m mist, o overcast sky.			
Lymington (Hants)	...	b.c	b.c	b.c	b.c	66	51	45	-	Trace	11.4	p passing showers.	3	8-13	
Aberdeen	...	c.b.c	b.c	b.c	b.c	65	54	46	-	-	1.3	q squalls, r rain.			
Howden	...	c.b.c	b.c	b.c	b.c	69	47	43	-	-	3.9	rs sleet, i.e., rain and snow together.	4	13-18	
Cranwell (Lincoln)	...	c.b.c	b.c	b.c	b.c	71	50	-	-	1	6.4	s snow, t thunder.			
Felixstowe	...	b.c	b.c	b.c	b.c	66	49	-	-	-	-	u ugly, threatening sky.	5	19-24	
Shoeburyness	...	b.c	b.c	b.c	b.c	66	49	42	-	Trace	10.3	v unusual visibility.			
Benson	...	b	b	b	b	71	47	42	-	-	-	w dew, x hoar frost.	6	25-31	
S. Farnborough	...	b.c	b.c	b.c	b.c	70	45	42	-	-	9.1	y dry air; humidity less than 60 per cent.			
London (Kew Obs.)	...	c.b.c	b.c	b.c	b.c	69	49	43	-	-	6.2	z dust haze; the turbid atmosphere of dry weather.	7	32-38	
Croydon	...	c.b.c	b.c	b.c	b.c	69	47	-	-	-	-	Capital letters indicate intensity, and repetition of letters continuity, thus:- R = heavy rain. rr = continuous moderate rain.			

LONDON OBSERVATIONS.		WEATHER.			Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	Rain-fall. mm.	Sun-shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.	
		Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.			
		24 HOURS ENDED 9H G.M.T. 14th							YESTERDAY.		TO-DAY.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Total..... 1342..... Joules.
													Milliwatts.	



## AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:  
BRITISH SECTION. No. 821451 Sunday, 15<sup>th</sup> August, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 12H.

STATIONS	12H. G.M.T. 14 <sup>th</sup>										12H. G.M.T. 15 <sup>th</sup>									
	Barom. at M.S.L.	Change in 3 hours	Wind. Direc.	Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Form.	Sea 0-9	Barom. at M.S.L.	Change in 3 hours	Wind. Direc.	Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9
Renfrew	1022.1	0	N	4	C	65	65	8	3,000	CU	1 A.CU	7	1022.0	0	N	4	C	61	65	8
Exdalemuir	1022.4	N	N	1	C	61	78	7		CU	6 C	1	1021.8	0	NNW	3	bc	62	68	8
Valencia (Cahoon)	1022.8	+2	NNW	2	0	61	92	8	750	SC	10		1022.3	0	NN	2	0	60	85	8
Baldonnel	1022.9	0	N	3	0	63	85	8	750	SC	10		1022.3	0	N	3	C	61	85	7
Didsbury	1023.5	+1	NNW	4	03	64	75	4	3,000	CU	9		1023.0	0	NNW	2	03	61	75	4
Ross on Wye	1023.1	0	N	2	C	70	65	8	4,200	CU	4 A.CU	3	1023.4	0	N	1	0	64	75	8
Falmouth	1022.2	+1	NNW	3	b	70	66	7	3,000	CU	1 A.CU	1	1022.8	+1	NNW	3	bcf	63	85	5
Calshot (Hants)	1022.2	-1	N	3	bcif	70	66	6	3,000	CU	5		1022.8	N	N	3	b	69	85	8
Lymington (Falkland)	1021.6	0	NE	2	bif	68	65	6	3,000	SC	3		1021.6	0	SW	2	bif	63	65	7
Aberdeen	1022.2	+1	SE	3	C	58	75	8	4,200	CU	7 C.CU	1	1022.1	0	SE	2	0	58	75	8
Howden	1022.0	0	N	2	0	66	65	7	3,000	SC	5 A.CU	4	1022.1	0	N	2	0	64	65	6
Cranwell (Lincs)	1022.3	0	SW	3	02f	64	75	5	2,000	SC	10		1022.1	0	NN	3	0	66	75	7
Felixstowe	1021.8	0	SW	3	b3	68	65	6	3,000	CU	1 C.CU	3	1021.8	N	NE	3	03	64	75	6
Shoeburyness	1021.6	0	SE	2	b3	69	65	5	5,700	CU	2 A.CU	1	1021.1	-1	NNW	1	043	69	65	5
Benson	1022.0	0	NNW	3	b	70	65	6		CU	2 A.CU	1	1022.2	0	NNW	3	b	67	75	5
S. Farnborough	1022.0	0	E	2	bcy	73	65	6	4,200	CU	3 C.CU	1	1022.1	0	NNW	2	bc3	68	75	7
London (New Quay)	1021.9	-1	NNW	3	by	70	65	8	4,200	CU	1 A.CU	1	1021.8	0	NN	2	by3	70	65	5
Croydon	1021.8	0	NN	3	bif4	71	65	7		CU	2		1021.9	+1	NN	3	bcif	68	65	6

STATIONS CONTRIBUTING REPORTS AT 7H AND 12H.

STATIONS	7H. G.M.T. 14 <sup>th</sup>										7H. G.M.T. 15 <sup>th</sup>									
	Barom. at M.S.L.	Temp. °F.	Wind. Direc.	Force 0-12	Weather	Barometer at M.S.L.	Change in 3 hours	Temp. °F.	Change in 24 hours	Wind. Direc.	Force 0-12	Weather	Sea 0-9	Rainfall mm.	Temp. Max. °F.	Temp. Min. °F.	Moisture	Advection	Night	Sunshine Hours
Lerwick	1019.6	54	N	2	bc	1015.8	-3	52	-1	S	3	3	CH	1	57	46	6	C	CH	7
Stornoway	1022.7	58	NNW	4	bc	1014.4	-7	55	+3	S	5	5	0	4	60	48	C.B	b.bc	0	9.0
Castlebay (Hants)	1024.4	56	N	3	C	1017.8	-2	56	+3	WSW	6	0	CH	1	56	53	9	bc	CH	8.6
Malin Head	1024.8	54	NN	2	0	1021.2	-1	56	+1	SW	3	SW	0	3	56	52	C	0	0	1.4
Blackhead Point	1025.7	59	NNW	1	C	1023.6	-4	58	+1	SW	2	0	3	0.3	61	55	CH	bc	CH	0
Roche's Point	1027.3	61	NNW	2	0	1027.5	0	58	+2	NW	2	0	1	0.1	64	55	bc	0	0	0
Str. Castle	1025.0	61	N	1	0	1026.3	0	56	+1	N	1	0	0	0.2	63	57	0	0	0.0	0.0
Donaghadee	1023.1	57	N	3	bc	1022.9	-2	53	-5	WSW	1	0	CH	1	CH	60	49	CH	bc	0
Liverpool (Hants)	1022.9	59	NNW	3	0	1024.3	0	65	-3	NNW	3	NW	0	2	60	54	0	0	0.0	0.0
Holyhead	1024.5	59	NN	2	bc	1024.9	9	55	-3	N	1	0	2	CH	62	52	CH	bc	bc	1.1
Pembroke (Hants)	1026.0	59	0	0	0	1026.2	0	57	-2	NNW	1	0	CH	1	66	57	bc	bc	0.0	6.2
Swilly (St. Mary's)	1026.0	61	NNW	2	b	1027.1	0	58	0	NNW	2	N	0	2	66	58	bc	bc	0	8.6
Jersey (St. Aubin)	1023.5	67	NN	3	b	1024.9	0	62	+1	N	2	0	3	0	70	59	bc	bc	bc	12.7
Portland Bill	1023.6	64	NN	2	bc	1025.7	+2	60	+1	NNW	4	0	3	0	67	58	bc	bc	bc	0
Oranmore	1020.0	65	WSW	1	b	1022.8	+1	59	+4	N	3	NN	3	0	69	53	bc	bc	bc	0
Wick	1020.8	56	NNW	2	bc	1016.5	-3	51	-2	SW	1	0	0	0	59	44	CH	bc	bc	0
Wexford	1021.4	62	N	1	b	1017.7	0	54	-1	N	1	0	CH	1	67	42	CH	bc	bc	8.8
Wexford	1020.9	66	N	2	bc	1020.7	0	53	-5	WSW	2	W	0	2	70	48	CH	bc	bc	0
Wexford	1022.0	60	E	1	bc	1021.7	0	53	-4	NNW	3	0	CH	2	67	51	bc	bc	bc	0
Wexford	1022.5	59	N	3	C	1023.3	0	56	-1	NNW	3	0	CH	2	65	53	C	bc	bc	0
Wexford	1021.5	63	N	3	C	1024.6	+1	56	+1	NW	1	0	CH	1	69	53	bc	bc	bc	8.2
Wexford	1020.9	69	NNW	2	C	1023.6	+3	58	+3	NW	2	0	CH	1	69	55	bc	bc	bc	9.7
Wexford	1023.6	65	NNW	5	CH	1023.9	0	54	+2	WSW	2	W	0	0	66	49	CH	bc	bc	0

\* Information for these columns not usually received.

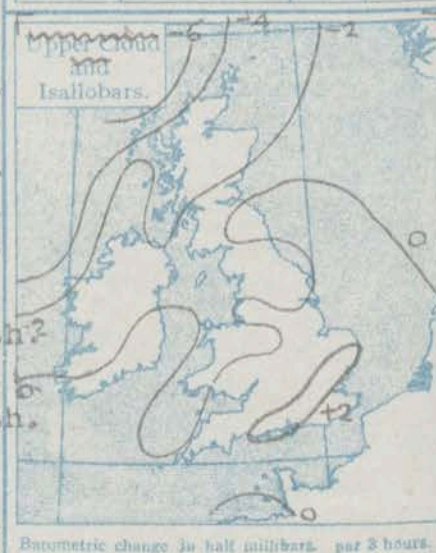
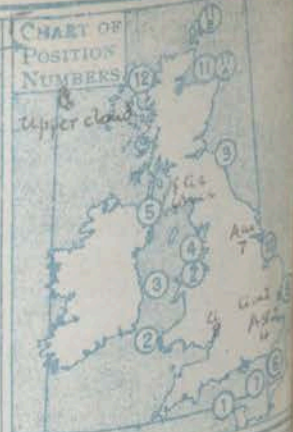
† The barometric change is expressed in half millibars.

‡ For code see page 2.



# SUMMARY OF CONDITIONS AT 7 h.G.M.T. 15.8.20.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.	Temperature reported from Coastal and Cross Channel Steamers			
				Position Number	Date	Time G.M.T.	Sea °F
1. S.E. England	Fair to dull, misty.	Fair	Slight.	4	14 <sup>th</sup>	0230	58
2. E. England	Dull, hazy.	Indiff.	V.Smooth.	12	14 <sup>th</sup>	0400	54
3. E. Midlands	Fair or cloudy.	"	-	5	14 <sup>th</sup>	0755	54
4. W. Midlands	Fine to dull.	Var.	-	3	14 <sup>th</sup>	0925	56
5. S.W. England	Overcast.	Fair.	Smooth.	1	14 <sup>th</sup>	1120	59
6. South Wales	Overcast.	Good	V.Smooth.	2	15 <sup>th</sup>	0530	57
7. North Wales	Overcast.	Indiff.	Smooth.	8	15 <sup>th</sup>	0440	62
8. N.W. England	Overcast, some mist.	Poor	"				
9. N. Midlands	Cloudy.	Indiff.	-				
10. N.E. England	Fair to dull, local mist.	Fair	Smooth.				
11. E. Scotland	Cloudy, local haze.	"	"				
12. S.W. Scotland	Dull.	Good	Slight.				
13. Isle of Man	Dull.	Fair	Smooth.				
14. N. & N.W. Scotland	Cloudy.	"	Slight.				
15. Hebrides	Dull, slight local showers.	"	Mod.				
16. Orkneys and Shetlands	Cloudy, local mist.	Indiff.	V.Smooth?				
17. N.W. Ireland	Dull.	"	Slight.				
18. N.E. Ireland	Dull, local mist.	"	V.Smooth.				
19. S.E. Ireland	Overcast, local mist & slight rain.	Var.	"				
20. S.W. Ireland	Overcast, local mist.	Fair	Smooth.				



## GENERAL INFERENCE from observations received up to 9h. G.M.T.

A depression spreading from the North-West will cause South-Westerly winds and some rain or showers in the Northern districts. In the South and East conditions are likely to remain anticyclonic for another day or two.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn at intervals of two millibars.  
**WIND.**—Direction is shown by the arrow pointing to the direction from which the wind is blowing. Force is indicated by the number of feathers. Mean velocity is shown in feet per hour by figures in small circles.  
**TEMPERATURE.**—Mean temperature is given in degrees Fahrenheit.  
**WEATHER SYMBOLS.**  
 ☉ clear sky.  
 ☁ sky 1 clouded.  
 ☁☁ overcast sky.  
 \* snow. ▲ hail. ☼ fog.  
 T thunder. R thunderstorm.  
**SEA DISTURBANCE.**—Sign of rough sea.

## Further Outlook.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 15th August, 1920.
1. S.E. England	Wind W. or N.W., moderate; fair or cloudy, visibility fair to good; temperature moderate or rather warm.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Winds W. or S.W., moderate, fresh locally; cloudy, some showers, visibility fair; temperature.
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Wind mainly S.W., fresh, strong locally; cloudy or overcast, some rain, visibility fair; temperature moderate.
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	As for 8 - 15.
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

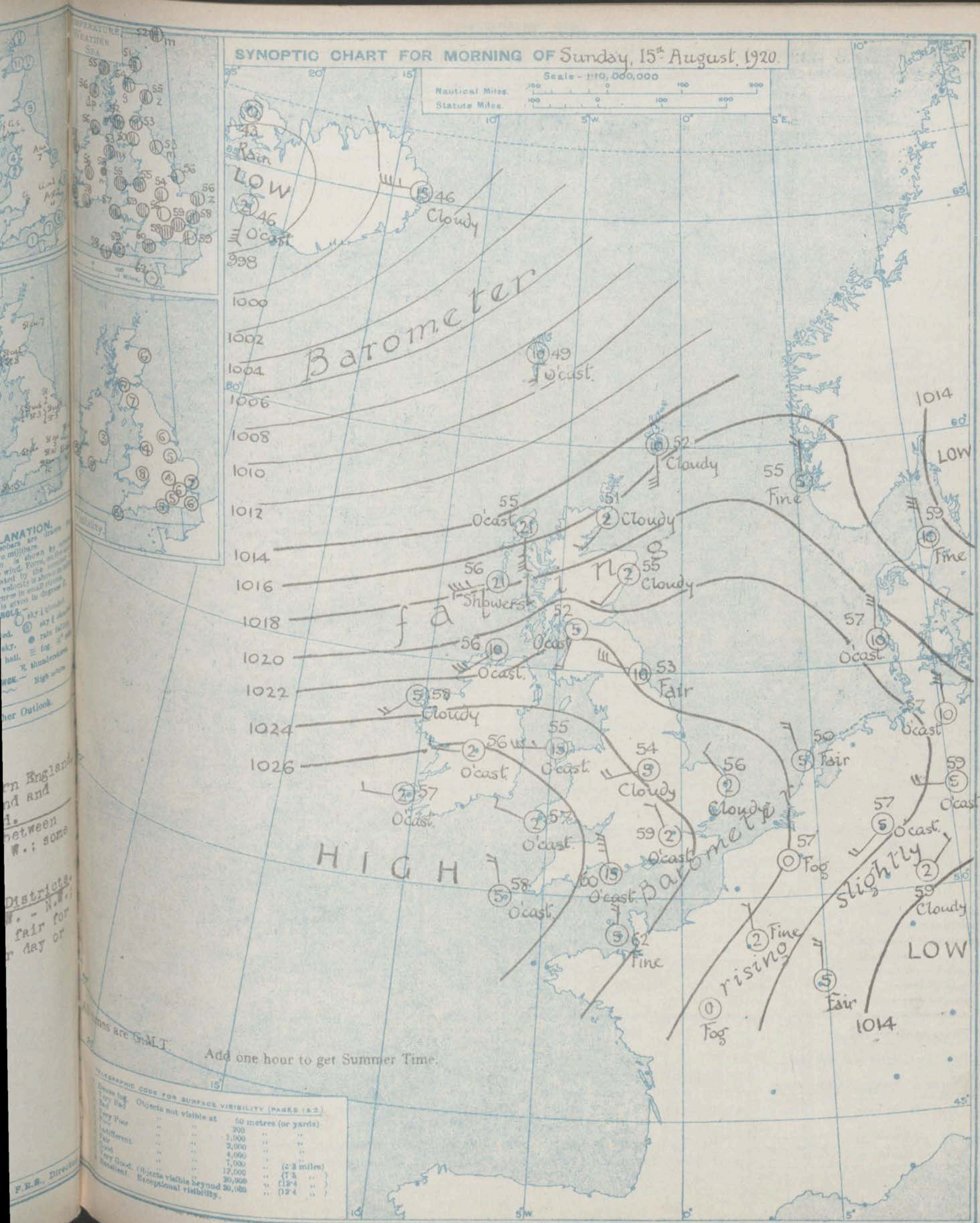
Northern England, Scotland and Ireland.  
 Winds between S. and W.; some rain.  
 Other Districts.  
 Winds W. - N.W.; mainly fair for another day or two.



SYNOPTIC CHART FOR MORNING OF Sunday, 15<sup>th</sup> August, 1920.

Scale - 1:10,000,000

Nautical Miles  
Statute Miles



Add one hour to get Summer Time.

[illegible]



Sunday  
15<sup>th</sup> August.WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 15<sup>th</sup> AUGUST.

STATIONS.	WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 12h-14h.	Day. 14h-17h.	to 17h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 12h-14h.	Day. 14h-17h.	to 17h.	Sunrise to Sunset.
Scotland.	Oban ... ..	bc b	63	53	-	-	8.5	4.8	England, N.W.	Douglas (I.O.M.)	-	-	61	56	-	-	2.2 10.0
	Banff .. .	ac c bc b	62	54	-	-	8.9	2.8		Blackpool ... ..	o oc	-	64	57	-	-	0.0 12.2
	Montrose ... ..	bc c	62	55	-	-	2.6	2.0		Southport ... ..	o o	-	62	57	-	-	-
	St. Andrews ... ..																
England, N.E.	Harrogate ... ..	c bc bc c	68	52	-	-	0.6	4.7	Midlands.	Buxton	m c o bc bc bc c	61	51	-	-	0.2 5.5	
	Scarborough ... ..	b b	68	50	-	-	3.0	5.1		Leamington Spa...						3.2 5.2	
	Skegness ... ..									Malvern	c c	68	53	-	-	5.2 7.1	
	Lowestoft ... ..									Bath ... ..	bc b o c bc	71	51	-	-	-	
	Felixstowe ... ..	b3 o3	69	52	-	-	7.7	9.9		Rhyl ... ..						0.8 1.5	
	Southend-on-Sea...	b3 b	73	50	-	-	8.6	10.5		Colwyn Bay ... ..			63	52	-	-	2.5 9.5
England, E.	Lunbridge Wells	b3 b bc3	73	47	-	-	8.2	10.6	Wales.	Llandudno ... ..			62	52	-	-	6.9 9.5
	Margate ... ..	c b b	69	57	-	-	7.4	11.8		Aberystwyth	o o c c b o	62	52	-	-	-	
	Ramsgate ... ..		65	58	-	-	9.2	?		Tenby ... ..	bc bc	70	49	-	-	-	
	Folkestone ... ..	f b b	70	55	-	-	10.2	11.4		Swansea ... ..						9.0 11.2	
	Hastings ... ..	b bc bc o bc	70	54	-	-	7.6	12.5		Weymouth ... ..	b b	77	64	-	-	-	
	Eastbourne ... ..	b b bc	73	54	-	-	9.9	12.1		Teignmouth						9.2 6.0	
	Brighton ... ..	b bc	72	52	-	-	10.2	8.7		Torquay ... ..	b3 b bc b	73	66	-	-	9.7 6.4	
	Worthing ... ..	b bc	72	52	-	-	10.2	10.0		Paignton ... ..	bm b	71	66	-	-	11.0 4.3	
	Littlehampton ...	b3 bc	73	?	-	-	8.7	8.6		Penzance ... ..	b b	70	55	-	-	-	
	Portsmouth (S. Sea)		74	52	-	-	10.0	11.3		Newquay ... ..						8.9 6.5	
	Bournemouth ...		73	51	-	-	10.5	11.8		Bude ... ..	b b	66	50	-	-	7.9 9.1	
	Ventnor (I. of W.)								England, S.W.	Ilfracombe ... ..	b bc c c bc	66	54	-	-	-	
										Weston-s-Mare ...						-	

## SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	11h-12h.	12h-13h.	13h-14h.	14h-15h.	15h-16h.	16h-17h.	17h-18h.	18h-19h.
Renfrew ...	o c o	c o	c w	c o	65	48	42	4.7
Eskdalemuir ...	c o	bc c	b bc c	b bc c	65	39	30	5.8
Valencia (Cahirely)	bd f o f	o	o f f f	bd f f	62	56	51	0.0
Baldonnel ...	o f d	o	bc c	c o	64	50	-	0.5
Didsbury ...	o f c o3	o3	o	o c	64	51	42	-
Ross on Wye ...	bc f bc3	bc o	o f d	o c o	71	51	37	4.0
Falmouth ...	b	b bc f	bc c w	o c	70	58	54	10.9
Calshot (Hants) ...	b bc f	bc b bc	b bc f	bc f f f	73	55	36	11.4
Lymington (Folkestone)	bc f bc f	b bc f	bc f c o f	o f	59	65	44	9.0
Aberdeen ...	b bc c	c o	bc o f	f w	62	51	40	4.1
Howden ...	c o f	c o	o f d	w c o	64	56	47	1.9
Cranwell (Lincs) ...	o	c o	o f f	bc c f	67	60	50	1.0
Felixstowe ...	f bc bc	bc c3	f c o	o f f	73	53	44	9.0
Shoeburyness ...	b bc3	3 bc c	f c o	o f f	73	53	44	9.0
Benson ...	-	b bc	b bc	b bc	72	51	52	-
S. Farnborough ...	b bc	b bc	b bc	bc c g	73	60	54	10.3
London (Kew Obs.)	3 b bc	b bc3	o f bc c	bc c o f	72	63	60	10.3
Croydon ...	b bc3 f f	f f bc c	o o f f	o f	73	68	4	*

## BEAUFORT NOTATION.

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.  
 e wet air without rain falling.  
 f fog.  
 h hail.  
 m mist.  
 p passing showers.  
 q squalls.  
 rs sleet, i.e., rain and snow together.  
 s snow.  
 t thunder.  
 u ugly, threatening sky.  
 v unusual visibility.  
 w dew.  
 y dry air, humidity less than 60 per cent.  
 z dust haze; the turbid atmosphere of dry weather.

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

## THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity at about 30 feet above ground.	
	Statute miles per hour.	Metres per second.
0	Less than 1	0.3-1.5
1	1-3	1.6-3.2
2	4-7	3.3-4.4
3	8-12	4.5-7.8
4	13-16	8.0-10.7
5	17-24	10.8-15.2
6	25-31	15.3-17.7
7	32-38	17.8-20.7
8	39-46	20.8-24.4
9	47-54	24.5-29.4
10	55-63	29.5-34.3
11	64-75	34.4-40.8
12	Above 75	40.9 or above

## SYMBOLS.

Aurora ☄ Solar halo ☉  
 Breeze ☀ Lunar halo ☾  
 Glazed frost ☁ Solar corona ☉  
 Glazed roads ☁ Lunar halo ☾

LONDON OBSERVATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		HUMIDITY %	
	Morning.	Afternoon.	Night.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	15h-16h. Sun. Hours.	16h-17h. Sun. Hours.	15h-16h. G.M.T.	16h-17h. G.M.T.
Greenwich (Royal Observatory)	b	bc	bc c o c	78	59	57	9.7	4.6	67	67
City (Bunhill Row)	*	*	*	*	*	*	*	*	*	*
Westminster (St. James's Park)	*	*	*	*	*	*	*	*	*	*
(Admiralty Arch)	*	*	*	*	*	*	*	*	*	*
Canterbury Sq. (British Rainfall)	b	b	*	74	57	53	*	4.8	63	63
Kensington Palace	bc	bc	*	76	51	54	*	53 (10h)	67	67
Hampstead Observatory	*	*	*	*	*	*	*	*	*	*

## SOUTH KENSINGTON (Met. Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.	HUMIDITY %	
	15h-16h. G.M.T.	16h-17h. G.M.T.
Total	46	67
Average Rate.	48	63
Maximum Rate.	53 (10h)	67

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

Stations.	15 <sup>th</sup> & 16 <sup>th</sup> Aug. 1920.	
	G.M.T.	G.M.T.
Yarmouth...	4.37	11.57
Greenwich	4.43	12.4
Wick	4.36	12.6
Valencia	4.37	12.45

## Photographic Record of

Pole Star (Polaris) and of 3 Ursae

Minors at Greenwich Observatory.

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

to ..... h ..... m.

Star.	Duration of Exposure.	Duration of Record.
Polaris	h. m.	h. m.
3 Ursae	h. m.	h. m.
Minors	h. m.	h. m.

## NOTES ON THE WEATHER OF YESTERDAY.

Slight rain fell in Ireland and the Hebrides, but weather was fair over the greater part of the Kingdom. Sunshine was most abundant in the South, Calshot reporting 11.4 hours, while Penzance had 11 hours up to 17h G.M.T. Maximum temperature exceeded 70° at most stations in the South and East of England and the Midlands and reached 77° at Weymouth and 78° at Greenwich.



## AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:  
BRITISH SECTION. No. B2452 MONDAY, 16<sup>TH</sup> AUGUST 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 15H.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 15H AND 19H																																
STATIONS	BAROM. at M.S.L. mb.	Temp. °F.	Wind. Dir. Force	Weather	Temp. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud Form.	Upper Cloud Form.	Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	Wind. Dir. Force	Weather	Temp. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud Form.	Upper Cloud Form.	Sea 0-9.	15 <sup>TH</sup>									
																							12H. G.M.T. OF 15 <sup>TH</sup>					18H. G.M.T. OF 15 <sup>TH</sup>				
																							1H.	7H.	15H.	19H.	1H.	7H.	15H.	19H.		
Renfrew	1019.4	-3	SW 5	oif	59	85	6	2000	Stc	9	A.Sc	1	1018.4	-1	SW 3	D	57	97	5	750	Nb	10	-	-	-	-						
Edinburgh	1021.0	-1	SSW 4	adm	52	92	4	2000	Nb	10	-	1019.0	-2	SSW 4	0	57	92	7	2000	Nb	10	-	-	-	-	-						
Valencia (Cahen)	1027.1	-1	WSW 3	bc	63	85	9	750	Cu	5	-	1026.3	-1	SW 3	C	62	85	8	750	Cu	8	-	-	-	-	-						
Baldannel	1024.4	-1	WSW 4	q	62	85	6	3000	St	10	-	1023.7	0	W 5	oif	61	85	7	1250	Stc	10	-	-	-	-	-						
Dunbury	1024.0	-1	NW 5	0	60	75	8	3000	St	8	A.Cu	1	1023.4	-1	W 4	02	60	75	7	3000	Stc	9	-	-	-	-						
Ross on Wye	1023.5	-1	W 2	bcy	71	55	9	5700	Cu	3	Ci	2	1023.4	-1	W 3	b	64	65	8	-	-	Ci.Cu	2	-	-	-						
Palmouth	1027.0	0	WNW 3	oe	62	85	2	-	Nb	10	-	1026.7	0	NNW 3	od	59	92	3	-	-	Nb	10	-	-	-	-						
Calshot (Hants)	1024.8	-1	SW 1	o.3	64	75	6	2000	Stc	10	-	1023.9	-1	SW 1	0	67	75	7	-	-	-	-	A.Cu	9	-	-						
Liverpool (Pierhead)	1023.5	+1	SE 1	oif	67	75	5	5700	Stc	9	-	1023.0	-1	SW 2	bif	64	85	7	-	-	-	-	A.Cu	3	-	-						
Aberdeen	1016.1	-3	S 1	Y	59	85	6	4200	Nb	10	-	1012.5	-2	SSW 2	lf	62	85	6	4200	Stc	5	Ci.Cu	2	1	-	-						
Howden	1022.1	0	WNW 4	Cq.2	63	65	7	4200	Stc	5	A.Cu	4	1022.2	+1	WNW 3	0	59	85	7	2000	Stc	10	-	-	-	-						
Cranwell (Leics)	1022.6	-1	WNW 4	bc	68	55	6	5700	Cu	2	A.Cu	3	1023.1	0	NNW 4	bc	62	75	6	5700	Cu	1	A.Cu	4	-	-						
Felixstowe	1023.1	0	SE 2	bif	68	65	6	4200	Cu	2	A.Cu	1	1022.9	0	W 1	Cy	68	55	7	4200	Stc	3	A.Cu	5	-	-						
Shoeburyness	1023.4	-1	NW 1	b	70	65	6	-	Cu	1	-	1022.9	-1	W 1	bc	69	65	6	-	-	-	-	Ci.Sc	4	-	-						
Benson	1023.7	-1	WNW 2	bcy	71	55	7	4200	Cu	2	Ci.Sc	3	1023.2	-1	WNW 2	C	71	65	7	9000	-	-	A.Cu	7	-	-						
S. Farnborough	1023.5	-2	NW 2	Cy	67	55	8	1250	Nb	4	Ci	3	1023.0	-1	WNW 2	bcy	70	55	8	-	-	-	Ci.Cu	6	-	-						
London (New Cross)	1023.7	-2	WNW 3	bcy.f	70	55	7	-	-	-	-	Ci.Cu	4	1023.2	0	WNW 2	C	69	65	8	-	-	-	A.Cu	8	-						
Croydon	1023.7	-2	WNW 3	bcy.f	70	55	7	-	-	-	-	Ci.Cu	4	1023.2	0	WNW 2	C	69	65	8	-	-	-	A.Cu	8	-						
1H. G.M.T. OF 16 <sup>TH</sup>																																
Renfrew	1018.8	-1	SSW 5	bcy	56	85	7	-	Stc	4	-	1018.7	0	SW 4	odf	58	92	4	1250	Nb	10	-	-	-	-	-						
Edinburgh	1026.0	0	SSW 2	bcy	58	-	-	-	-	-	-	1019.3	+2	SSW 4	0	57	92	6	1250	Stc	10	-	-	-	-	-						
Valencia (Cahen)	1026.0	0	SSW 2	bcy	58	-	-	-	-	-	-	1025.3	0	S 2	od	58	92	6	750	Stc	10	-	-	-	-	-						
Baldannel	1026.0	0	SSW 2	bcy	58	-	-	-	-	-	-	1025.3	0	S 2	od	58	92	6	750	Stc	10	-	-	-	-	-						
Dunbury	1026.0	0	SSW 2	bcy	58	-	-	-	-	-	-	1025.3	0	S 2	od	58	92	6	750	Stc	10	-	-	-	-	-						
Ross on Wye	1027.2	0	NNW 1	Cy	55	92	6	-	St	8	-	1027.7	0	SW 3	03	59	75	5	3000	Stc	10	-	-	-	-	-						
Palmouth	1027.2	0	NNW 1	Cy	55	92	6	-	St	8	-	1025.1	+1	W 1	om	59	85	7	4200	Stc	10	-	-	-	-	-						
Calshot (Hants)	1025.5	+1	NNW 1	b	57	97	8	-	-	-	-	1027.3	0	-	0	58	92	7	-	-	-	-	-	-	-							
Liverpool (Pierhead)	1024.2	+1	NNW 1	b	57	97	8	-	-	-	-	1026.3	+1	WSW 1	b	58	85	7	1250	St	1	-	-	-	-	-						
Aberdeen	1015.0	-2	W 1	b	62	65	8	-	-	-	-	1025.0	0	-	0	61	85	6	-	-	-	-	-	-	-							
Howden	1022.0	0	-	0	53	97	7	4200	St	1	-	1025.0	+2	W 1	b	62	65	8	-	-	-	-	Ci.Cu	2	2	-						
Cranwell (Leics)	1023.2	0	W 3	b	56	92	5	-	-	-	-	1023.3	+1	W 2	bcy	60	85	6	4200	Stc	3	A.Cu	3	-	-	-						
Felixstowe	1023.2	0	W 3	b	56	92	5	-	-	-	-	1023.7	0	W 3	0	59	85	6	4200	Stc	10	-	-	-	-	-						
Shoeburyness	1025.1	+2	WNW 3	bif	59	85	6	-	-	-	-	1025.1	+2	WNW 3	bif	59	85	6	-	-	-	-	A.Cu	2	1	-						
Benson	1025.0	+1	W 1	bcy	61	75	5	-	-	-	-	1025.0	+1	W 1	bcy	61	75	5	-	-	-	-	A.Cu	6	-	-						
S. Farnborough	1024.8	+1	-	0	55	97	8	-	-	-	-	1024.8	+1	-	0	55	97	8	-	-	-	-	-	-	-	-						
London (New Cross)	1026.6	+1	WNW 1	b	58	92	8	4200	Stc	1	-	1026.6	+1	WNW 1	b	58	92	8	4200	Stc	1	-	-	-	-	-						
Croydon	1025.8	+2	WSW 1	bcy	57	85	5	-	-	-	-	1025.8	+2	WSW 1	bcy	57	85	5	-	-	-	-	-	-	-	-						
15 HOURS ENDED 7H. 16 <sup>TH</sup>																																
Lerwick	1006.8	55	SW 5	Stc	1008.7	+1	51	-1	W 3	-	Cm	2	8	55	47	Cm	Stc	0.2	-	-	-	-	-	-	-	-						
Stornoway	1011.7	56	W 5	C	1013.6	+1	54	-1	SW 5	-	C	4	4	58	52	C	Stc	0.2	-	-	-	-	-	-	-	-						
Castell Bay (Barra)	1015.0	56	W 4	od	1016.3	0	54	-2	W 4	W	0	4	5	57	53	d.h.t	Stc	0.0	-	-	-	-	-	-	-	-						
Main Head	1017.9	58	SW 4	om	1018.0	0	58	+2	SW 3	-	om	3	1	61	54	0	0	0.2	-	-	-	-	-	-	-	-						
Blackod Point	1021.4	59	SW 3	om	1019.6	-2	58	+1	SW 3	-	om	3	-	61	56	C.Om	C.Om	C.Om	-	-	-	-	-	-	-	-						
Roche's Point	1026.0	65	W 2	C	1026.4	0	58	0	SW 2	-	C	2	0.1	67	57	0	C.O	C.O	-	-	-	-	-	-	-	-						
Port Castle	1024.5	62	W 2	0	1024.4	-	58	+2	SW 1	-	0	-	1	65	56	C.O	C.O	C.O	-	-	-	-	-	-	-	-						
Donaghadee	1020.5	63	W 3	CV	1020.0	0	60	+7	WSW 3	W	Cm	2	-	63	53	Cm	Cm	Cm	-	-	-	-	-	-	-	-						
Liverpool (Pierhead)	1028.0	60	W 3	0	1023.3	0	59	+4	W 2	-	0	2	-	61	55	C	0	0.4	-	-	-	-	-	-	-	-						
Holyhead	1023.5	59	SW 4	ov	1023.9	+1	59	+4	WSW 3	-	ov	2	frce	60	54	C.Om	C.Om	0.0	-	-	-	-	-	-	-	-						
Pembroke (P. Anst.)	1026.0	59	W 1	CV	1026.2	0	59	+2	W 2	W	0	2	-	62	57	CV	CV	2.9	-	-	-	-	-	-	-	-						
Sally (St. Mary's)	1027.1	60	NW 3	C	1027.4	0	57	-1	-	0	-	C	2	1	63	56	C.O	C.O	1.6	-	-	-	-	-	-	-						
Jersey (St. Aubin)	1025.9	63	WNW 3	0	1026.5	0	60	-2	N 2	-	0	2	-	68	59	C.O	C.O	0.5	-	-	-	-	-	-	-	-						
Portland Bill	1025.3	62	WNW 3	C	1025.6	0	61	+1	WNW 2	-	0	2	-	65	55	C.O	C.O	-	-	-	-	-	-	-	-	-						
Dungeness	1023.8	64	WSW 3	b	1024.6	+1	58	-1	WNW 2	-	0	2	-	67	58	C.O	C.O	-	-	-	-	-	-	-	-	-						
Wick	1009.9	62	W 3	bcy	1013.1	+1	53	+2	WSW 2	-	bc	1	2	65	48	C.O	C.O	-	-	-	-	-	-	-	-	-						
Nairn	1011.4	61	W 3	C	1011.7	0	55	+1	WSW 1	-	bc	1	1	66	49	C.O	C.O	-	-	-	-	-	-	-	-	-						
Leith	1015.9	61	SW 4	0	1016.2	0	60	+7	WSW 4	W	C	3	0.1	62	52	C.O	C.O	-	-	-	-	-	-	-	-	-						
Tynemouth	1020.0	63	W 3	Cm	1018.4	+1	61	+8	W 4	-	bcy	3	-	64	52	bcy	bcy	-	-	-	-	-	-	-	-	-						
Spart Head	1021.8	61	WNW 4	C	1022.2	0	60	+4	WSW 4	-	C	3	-	67	53	bcy	bc															

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ For code see page 8.



# SUMMARY OF CONDITIONS AT 7h. G.M.T. 16.8.20.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.	Temperature reported from Coastal and Cross Channel Steamers.				
				Position Number.	Date	Time G.M.T.	Sea ° F.	Air ° F.
1. S.E. England	Fine, local mist.	Good	V Smooth	3	15 <sup>th</sup>	0925	56	57
2. E. England	Fair, misty.	Indiff.	- -	6	15 <sup>th</sup>	1410	62	66
3. E. Midlands	Dull, misty.	Fair	- -	12	16 <sup>th</sup>	0330	53	54
4. W. Midlands	Dull, misty.	Indiff.	- -					
5. S.W. England	Dull.	Good	V Smooth					
6. South Wales	Dull.	Fair	Smooth					
7. North Wales	Dull, gloomy.	"	"					
8. N.W. England	Dull.	Good	Slight					
9. N. Midlands	Dull, misty.	Fair	- -					
10. N.E. England	Fair, misty, squally.	"	Slight					
11. E. Scotland	Fair.	V. Good	V Smooth					
12. S.W. Scotland	Dull.	Fair	Smooth					
13. Isle of Man	Dull, misty.	"	"					
14. N. & N.W. Scotland	Fair.	Poor	V Smooth					
15. Hebrides	Dull.	Fair	Mod.					
16. Orkneys and Shetlands	Showery, misty.	"	Smooth					
17. N.W. Ireland	Dull, misty.	"	Slight					
18. N.E. Ireland	Dull, misty, squally.	"	"					
19. S.E. Ireland	Dull.	Good	Smooth					
20. S.W. Ireland	Dull, drizzle.	Fair	Slight					



GENERAL INFERENCE from observations received up to 9h. G.M.T.

The anticyclone off the mouth of the Channel is likely to last long enough to cause another day or two of fair to fine weather with light Westerly breezes in the South of England, but a new depression South of Iceland will give cloudy to showery weather over the northern half of the Kingdom and freshening S.W. winds.

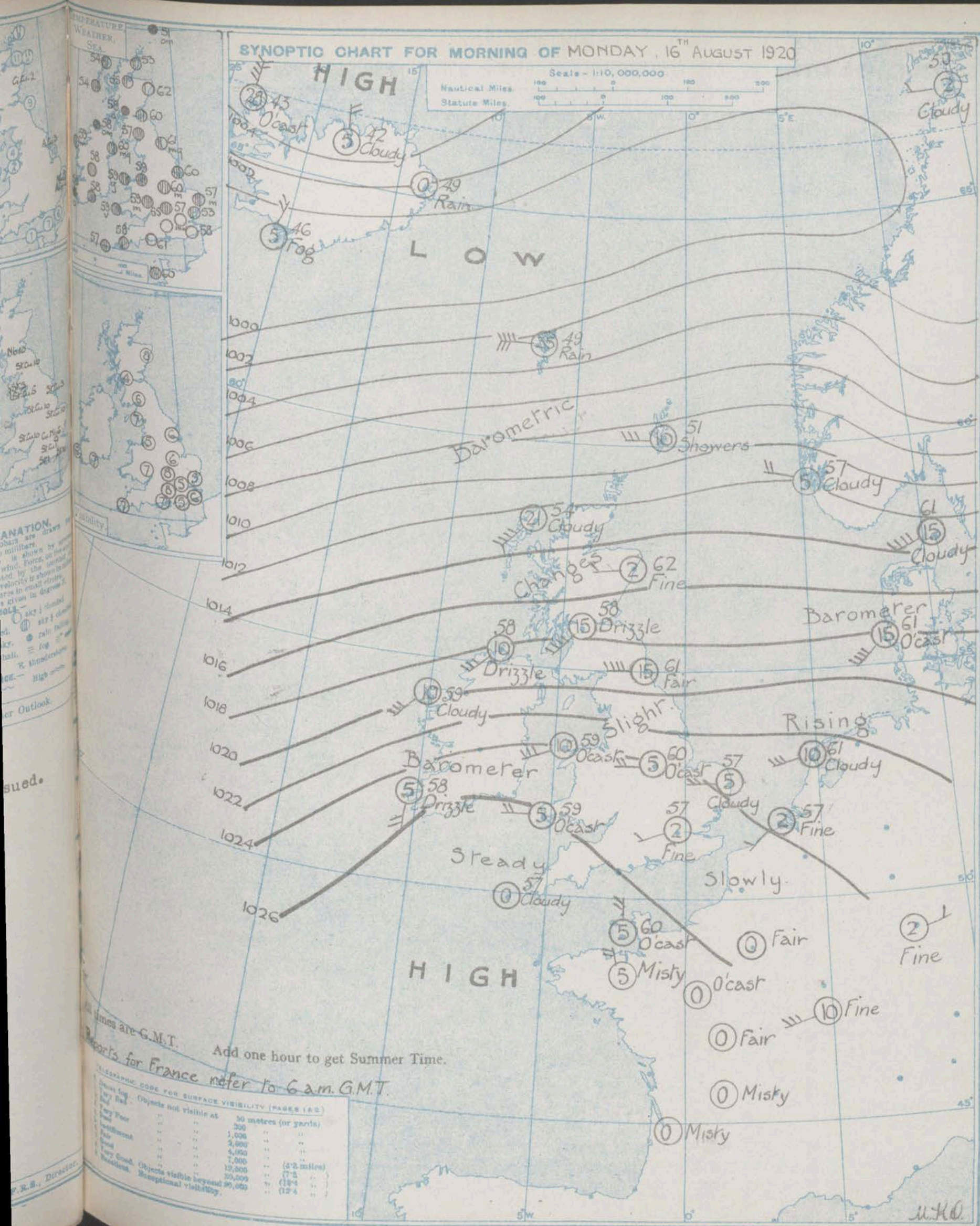
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 16th August, 1920.
1. S.E. England	Light Westerly wind; fair to fine; visibility good apart from morning mist; rather warm.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	Moderate to fresh SW wind; cloudy, some showers; visibility fair to good; moderate temperature.
8. N.W. England	
9. N. Midlands	
10. N.E. England	Moderate to fresh SW wind; fair to fine, but some showers locally; visibility good; rather warm.
11. E. Scotland	
12. S.W. Scotland	Same as 7 - 9.
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	Moderate SW wind; cloudy, some showers; visibility good; moderate temperature.
19. S.E. Ireland	
20. S.W. Ireland	

Further Outlook.

None issued.



SYNOPTIC CHART FOR MORNING OF MONDAY, 16<sup>TH</sup> August 1920



U.K.D.



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 229

MONDAY,  
16<sup>TH</sup> AUGUST.

### WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 15<sup>TH</sup>

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	° F.	° C.	Night. 17 <sup>th</sup> 18 <sup>th</sup> 19 <sup>th</sup>	Day. 17 <sup>th</sup> 18 <sup>th</sup> 19 <sup>th</sup>	to 10 a.m.	to 10 p.m.		Forenoon.	Afternoon.	° F.	° C.	Night. 17 <sup>th</sup> 18 <sup>th</sup> 19 <sup>th</sup>	Day. 17 <sup>th</sup> 18 <sup>th</sup> 19 <sup>th</sup>	to 10 a.m.	to 10 p.m.
Oban ... ..	c. o. f.	o	66	42	-	1	1.3	8.2	Douglas (I.O. M.)	c.	od	60	58	-	-	2.0	3.6
Eaniff ... ..	c. o. f.	o	66	42	-	1	1.3	8.2	Blackpool ... ..	c.	od	60	58	-	-	1.2	0.9
Montrose ... ..	c. o. f.	o	66	42	-	1	1.3	8.2	Southport ... ..	a. c. bc.	bc. c. o.	61	54	-	-	-	-
St. Andrews ... ..	c. o. f.	o	66	42	-	1	1.3	8.2	Buxton ... ..	b	b	70	50	-	-	8.0	1
Harrogate ... ..	bc. c.	c. o.	64	49	-	-	9.9	0.6	Leamington Spa ... ..	b	b	70	50	-	-	6.5	5.3
Scarborough ... ..	b	b	69	54	-	-	?	?	Malvern ... ..	o. c. bc.	b	70	57	-	-	2.0	?
Skegness ... ..	bc. c.	c. o.	67	54	-	-	8.1	?	Bath ... ..	bc. c.	cd.	62	55	-	-	1.7	?
Lowestoft ... ..	bc. c.	c. o.	67	54	-	-	8.1	?	Colwyn Bay ... ..	bc. c.	cd.	62	53	-	-	0.4	0.8
Felixstowe ... ..	bc. c.	c. o.	66	55	-	-	6.2	7.7	Llandudno ... ..	bc. c.	cd.	62	54	-	-	-	-
Southend-on-Sea ... ..	a. c. bc.	bc.	76	53	-	-	6.8	8.6	Aberystwyth ... ..	bc. c.	cd.	62	54	-	-	-	-
Tunbridge Wells ... ..	o. c. bc.	bc. b.	73	56	-	-	6.0	8.3	Tenby ... ..	bc. c.	cd.	62	54	-	-	-	-
Margate ... ..	c. bc.	b	67	59	-	-	5.2	7.9	Swansea ... ..	bc. c.	cd.	62	54	-	-	-	-
Ramsgate ... ..	c. bc.	b	67	59	-	-	5.2	7.9	Weymouth ... ..	bc.	bc. c. o.	70	58	-	-	0.7	10.8
Folkestone ... ..	bc. b.	b	70	58	-	-	5.7	10.5	Teignmouth ... ..	bc. c.	cd.	67	57	-	-	0.3	11.3
Hastings ... ..	bc. b.	b	67	58	-	-	5.7	10.5	Torquay ... ..	bc. c.	cd.	67	57	-	-	0.3	11.3
Eastbourne ... ..	bc. b.	b	70	59	-	-	4.8	9.9	Paignton ... ..	bc. c.	cd.	65	58	-	-	0.0	10.4
Brighton ... ..	bc. b.	b	72	59	-	-	5.6	10.8	Penzance ... ..	bc. c.	cd.	62	59	-	-	0.4	9.9
Worthing ... ..	bc. b.	b	70	57	-	-	6.4	11.5	Newquay ... ..	bc. c.	cd.	62	59	-	-	0.4	9.9
Littlehampton ... ..	bc. b.	b	67	58	-	-	4.5	10.2	Bude ... ..	bc. c.	cd.	62	59	-	-	0.4	9.9
Portsmouth (S. Isaac) ... ..	bc. b.	b	69	58	-	-	4.6	11.5	Ilfracombe ... ..	bc. c.	cd.	62	59	-	-	0.4	9.9
Bournemouth ... ..	bc. b.	b	74	58	-	-	1.5	11.5	Weston-s-Mare ... ..	bc. c.	cd.	68	58	-	-	-	-
Ventnor (I. of W.) ... ..	bc. b.	b	72	57	-	-	2.1	12.0									

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION. 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. e wet air without rain falling. f fog, or gloom. h hail, or lightning. m mist, or overcast sky. p passing showers. q squalls, or rain. rs sleet, i.e., rain and snow together. s snow, or thunder. u ugly, threatening sky. v unusual visibility. w dew, or hoar frost. y dry air; humidity less than 60 per cent. z dust haze; the turbid atmosphere of dry weather.	THE BEAUFORT WIND FORCE. Used only for surface observations. Limits of Velocity at about 32 feet above ground. No. Square miles per hour. Miles per annum. 0 Less than 1 0-2-14 1 1-3 16-28 2 4-7 29-34 3 8-12 35-39 4 13-18 40-47 5 19-24 48-54 6 25-31 55-63 7 32-37 64-73 8 38-46 74-84 9 47-54 85-94 10 55-63 95-107 11 64-75 108-117 12 Above 75 118 or above
	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	N. by E. or S. by W. ° F.	RAINFALL.		Sun. Hours.		
	7h-12h	12h-1h	1h-1h	1h-1h				Day. 7h-12h	Night. 12h-7h			
Renfrew ... ..	a. f. hd.	a. f. d.	a. f. p.	a. f. p.	60	55	51	mm.	mm.	0.0		
Eskdalemuir ... ..	c. a. d. f.	c. a. d. f.	w. c. a. d. f.	w. c. a. d. f.	58	49	52	0.1	0.1	0.0		
Valencia (Spain) ... ..	c. o. bc.	bc. c.	c. o.	c. o.	6.4	56	?	1	-	6.9		
Baldonnel ... ..	q. d. o.	q. d. d.	o.	o.	-	-	-	-	-	-		
Didsbury ... ..	bc. b. bc.	bc. c. b. bc.	b. bc. b.	w. bc. c. f.	7.4	53	47	-	-	11.1		
Ross-on-Wye ... ..	bc.	bc. bc. d. f.	a. f. p. d. f.	b. d.	65	53	45	-	-	1.0		
Llanymor ... ..	a. f.	c. a. f.	b. c. d. bc.	b. bc.	69	53	50	-	-	4.2		
Calshot (Hants) ... ..	a. f.	a. f. c. a. bc.	f. b. bc. d. w. b. f.	b. bc.	67	53	44	-	-	6.0		
Lymington (Hants) ... ..	a. f.	a. f. c. a. bc.	f. b. bc. d. w. b. f.	b. bc.	67	53	44	-	-	6.0		
Aberdeen ... ..	a. f. to	b. o. f.	b. c. d. bc.	b. c. w.	62	60	40	1	-	1.5		
Howden ... ..	q. z.	q. z.	b. bc. b.	w. b. c.	67	53	45	-	-	4.1		
Cranwell (Lincs) ... ..	b. bc.	bc. c. f.	b. c. f.	b. bc. c.	7.0	54	-	-	-	8.6		
Felixstowe ... ..	bc. c.	bc. c.	b. c. d. bc.	b. c. f.	67	56	-	-	-	-		
Shoeburyness ... ..	c. a. b. bc.	b. bc. c.	b. bc. b.	b. c. w.	7.4	51	43	-	-	6.7		
Benson ... ..	b. bc.	b. bc.	b. bc.	b. bc. c.	7.4	46	39	-	-	-		
S. Farnborough ... ..	c. a. b. bc.	bc. c.	b. bc. b.	b. w.	7.4	47	42	-	-	8.3		
London (Raw Gley) ... ..	z. bc. c.	b. bc.	b.	z. w.	7.3	55	45	-	-	8.7		
Croydon ... ..	c. a. f. b. bc.	b. bc. f.	f. b. c. f.	b. bc.	7.1	50	-	-	-	-		

LONDON OBSERVATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		HUMIDITY %.		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE FOREWIND, SURRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.	
	Morning.	Afternoon.	Max.	Min.	Min. on Grass.	Min. on Sun.	Hours.	Hours.	Hours.	Hours.			
			° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.			
Greenwich (Royal Observatory) ... ..	c. a. c.	c. a. c.	76	51	42	-	8.2	49	61	Verical Component of Solar Radiation per Square Centimetre during yesterday.	1736	Yarmouth ... ..	4.38
City (Brühl Row) ... ..	c.	c.	76	54	46	-	9.0	48	65	Total ... ..	1736	Greenwich ... ..	4.42
Westminster (St. James's Park) ... ..	bc.	bc.	76	54	46	-	8.9	48	65	Average Rate ... ..	33.0	Wick ... ..	4.40
Camden Sq. (British Museum) ... ..	c.	c.	76	53	50	-	8.9	48	65	Maximum Rate ... ..	80	Valencia ... ..	5.27
Kensington Palace ... ..	bc. c.	bc.	74	54	48	-	8.9	48	65				
Hanstead Observatory ... ..	bc.	bc.	63	53	-	-	10.5	-	73				

Photographic Record of		NOTES ON THE WEATHER OF YESTERDAY.	
Pole Star (Polaris) and of 8 Ursae			
Minoris at Greenwich Observatory.			
Exposure from 8.28 a.m. to 8.35 a.m.			
Star.	Duration of Exposure.	Duration of Record.	
Polaris	h. m. 6. 30	h. m. 6. 20	% 97
8 Ursae Minoris	6. 30	6. 6	94

The day was rather warm in the South of England, the temperature reaching 76° at Southend and 74° at several stations. Except in the North of Scotland and the neighbouring Islands there was little or no rain, but sunshine was very variable in amount, even over England, where some stations experienced over eight hours, and Ross-on-Wye had eleven.

\* Information for these columns not usually received.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B. 26,453

Tuesday... 17<sup>th</sup>... August... 1920.

## OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H.																													
STATIONS.	BAROM. at M.S.L.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM. at M.S.L.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	
			Dir.	Force 0-12.						Form.	Am.	Form.	Am.				Dir.	Force 0-12.						Form.	Am.				
13H. G.M.T. 16 <sup>th</sup> .....																													
Renfrew ...	1018.0	-1	SW	5	og	64	85	5	1200	Ab	9	-	-	-	1018.0	-1	WSW	4	0	62	85	7	1200	No	10	-	-	-	-
Eskaudemuir ...	1019.7	0	SW	5	a	59	85	7	1250	St	10	-	-	-	1019.7	0	SSW	5	0	59	76	6	1250	St	10	-	-	-	-
Valencia (Cahire'n) ...	1024.8	-2	SW	4	c	63	85	8	1220	St Cu	7	-	-	-	1024.8	-2	S	4	0 f	60	76	6	700	St	10	-	-	-	-
Baldonnel ...	1022.7	-2	SW	4	0	65	76	6	2000	St Cu	10	-	-	-	1022.7	-2	WSW	3	0	63	85	7	2000	St Cu	10	-	-	-	-
Manchester (Alex. B.) ...	1023.6	0	W	4	og	64	75	5	3000	St Cu	10	-	-	-	1023.6	0	WSW	3	03	63	65	5	3000	St Cu	10	-	-	-	-
Ross on Wye ...	1024.5	-2	W	3	ov	67	67	9	4200	St Cu	10	-	-	-	1024.5	-2	WSW	3	03	64	75	8	5700	St Cu	8	0	2	-	-
Falmouth ...	1024.0	-1	WSW	1	og	61	86	7	-	No	10	-	-	-	1024.0	-1	W	1	c	61	85	9	4500	St Cu	7	0	1	-	-
Calshot (Hants) ...	1026.5	-1	WSW	2	0	65	76	8	8000	St Cu	10	-	-	-	1026.5	-1	WSW	2	0	64	75	8	4200	St Cu	10	-	-	-	-
Lymington (Folkestone) ...	1020.0	-1	S	3	c f	70	75	6	4200	St Cu	7	-	-	-	1020.0	-1	SW	3	6 f	64	75	6	3000	St Cu	1	-	-	-	-
Aberdeen ...	1014.2	-3	SW	2	bc	68	55	8	5700	St Cu	4	-	-	-	1014.2	-3	SW	11	6	69	55	8	4200	St Cu	6	-	-	-	-
Howden ...	1022.2	0	W	4	og	68	66	6	3000	St Cu	7	-	-	-	1022.2	0	W	2	03	63	75	6	3000	St	6	AS	4	-	-
Cranwell (Lincs) ...	1020.8	0	W	3	0	65	60	7	1200	St Cu	10	-	-	-	1020.8	0	W	2	0	62	75	7	5700	St Cu	10	-	-	-	-
Felixstowe ...	1024.0	-1	S	3	0	67	60	7	3000	St Cu	9	-	-	-	1024.0	-1	SW	3	03	65	85	6	4200	St Cu	5	-	-	-	-
Shoeburyness ...	1024.3	-1	WSW	1	c f	70	65	5	-	Ac	7	-	-	-	1024.3	-1	WSW	1	5 f	66	65	6	-	St	10	-	-	-	-
Benson ...	1024.3	-1	W	2	0	66	65	6	-	Cu	9	-	-	-	1024.3	-1	W	2	0	66	75	7	3000	St Cu	7	AS	3	-	-
S. Farnborough ...	1025.1	0	WSW	1	0	69	65	8	4200	No	6	AS	3	-	1025.1	0	W	2	0	66	75	7	5700	St Cu	9	-	-	-	-
London (Kew Obs.) ...	1020.0	-1	W	2	0 f	67	65	7	3000	St Cu	10	-	-	-	1020.0	-1	W	2	0 f	65	75	7	3000	St Cu	8	-	-	-	-
Croydon ...	1024.4	-1	SW	2	0 f	67	65	7	3000	St Cu	10	-	-	-	1024.4	-1	W	2	0 f	65	75	7	3000	St Cu	8	-	-	-	-
1H. G.M.T. OF 17 <sup>th</sup> .....																													
Renfrew ...	1018.9	-3	SSW	5	C	56	92	6	-	SC	7	-	-	-	1018.9	-3	SSW	5	0 f	58	97	4	1250	NB	10	-	-	-	-
Eskaudemuir ...	1019.9	-3	SSW	4	omd	59	-	-	-	-	-	-	-	-	1019.9	-3	SSW	4	0 f	55	97	4	750	SC	10	-	-	-	-
Valencia (Cahire'n) ...	1019.9	-3	SSW	4	omd	59	-	-	-	-	-	-	-	-	1019.9	-3	SSW	4	0	60	78	8	750	SC	7	AS	2	3	-
Baldonnel ...	1018.9	-2	SW	5	bcg	57	92	6	3000	SC	4	-	-	-	1018.9	-2	SW	4	0 f	59	92	5	760	SC	10	-	-	-	-
Manchester (Alex. B.) ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1018.4	-2	S	2	bcw	56	85	5	3000	Cu	2	Ac	4	-	-
Ross on Wye ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1019.4	-1	W	3	om	67	85	7	2000	SC	10	-	-	-	-
Falmouth ...	1023.4	-2	W	1	0 f	57	85	6	-	SC	10	-	-	-	1023.4	-2	W	1	0	57	92	7	-	NB	10	-	-	-	-
Calshot (Hants) ...	1022.6	-2	WSW	3	0	60	92	8	2000	St Cu	10	-	-	-	1022.6	-2	WSW	1	0	59	85	8	3000	St Cu	10	-	-	-	-
Lymington (Folkestone) ...	1022.1	-2	NE	1	bcw	58	85	2	-	-	-	-	-	-	1022.1	-2	-	0	57	97	5	4200	St Cu	1	Ac	1	-	-	
Aberdeen ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1022.7	-1	-	0	57	92	5	2000	NB	10	-	-	-	-	
Howden ...	1019.6	-1	WSW	3	Cu	57	85	5	3000	SC	3	AS	4	-	1019.6	-1	S	1	bcw	57	92	5	3000	SC	2	AS	1	-	-
Cranwell (Lincs) ...	1020.9	-2	W	3	0 f	57	92	5	1250	St Cu	10	-	-	-	1020.9	-2	WSW	3	0	58	75	7	4200	St Cu	2	-	-	-	-
Felixstowe ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1020.4	-1	W	4	03	61	75	6	5700	St Cu	10	-	-	-	-
Shoeburyness ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1020.9	-1	WSW	1	c f	59	75	6	-	St Cu	8	-	-	-	-
Benson ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1019.4	-1	W	1	0	58	85	7	-	St Cu	10	-	-	-	-
S. Farnborough ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1020.9	-1	NNW	1	0	58	85	7	3000	St Cu	7	Ac	3	-	-
London (Kew Obs.) ...	1022.4	-2	SW	2	0 f	58	85	5	2000	St Cu	10	-	-	-	1022.4	-2	NNW	1	0 f	59	85	7	3000	St Cu	8	Ac	2	-	-
Croydon ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1020.9	-2	NNW	1	0 f	59	85	7	3000	St Cu	8	Ac	2	-	-
STATIONS CONTRIBUTING REPORTS AT 7H. AND 19H.																													
STATIONS.	BAROM. at M.S.L.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.								
			Dir.	Force 0-12.		at M.S.L.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.									
19H. G.M.T. of 16 <sup>th</sup> .....																													
Lerwick ...	1009.7	53	S	4	omf	1007.7	+3	51	0	W	4	W	bc	3	5	54	47	omf	omf	omf	2								
Stornoway ...	1009.4	52	SW	6	f	1011.6	+2	49	-5	W	2	-	c	1	10	59	47	c	omf	omf	2.0								
Castellbay (Barrals) ...	1015.1	63	W	3	bc	1010.4	-2	59	+1	W	4	-	omf	3	5	62	57	omf	omf	omf	1.7								
Blackhead ...	1014.1	61	SW	6	c	1012.2	-2	59	0	SW	4	-	omf	4	4	66	57	bc	bc	omf	1								
Roche's Point ...	1023.7	60	SW	3	0	1020.3	-1	59	+1	WSW	1	-	0	1	0.4	63	57	0	0	omf	0								
Birr Castle ...	1020.8	64	W	1	C	1017.1	-	60	+2	SW	2	-	0	-	0.2	65	57	omf	c.	c.	2.8								
Donaghadee ...	1018.1	66	WSW	2	CV	1013.7	-3	60	0	WSW	3	-	0	2	-	70	57	bcw	bcw	omf	-								
Liverpool (Bidston) ...	1021.4	61	WSW	3	0	1017.5	-3	57	-2	SSW	2	-	0	2	-	63	54	0	0	bc	0.1								
Holyhead ...	1021.8	59	SW	4	0	1017.1	-2	57	-2	SSW	5	-	f	4	-	62	55	og	og	0.6	0.0								
Pembroke (St. Ann's Head) ...	1024.2	58	WSW	2	ov	1020.1	-2	57	-2	SW	3	-	od	2	Trace	61	57	SV	SV	0.0	9.9								
Scilly (St. Mary's) ...	1020.6	60	-	0	c	1022.4	-1	58	+1	NNW	1	W	0	2	-	65	56	bc	bc	0.0	5.5								
Jersey (St. Aubin) ...	1024.9	65	W	3	c	1021.7	-1	60	0	NNW	2	-	0	2	-	68	58	0.0	c.	0	0.2								
Portland Bill ...	1024.2	63	WSW	3	bc	1021.5	-2	59	-2	NNW	1	-	0	2	-	65	56	bc	bc	0.0	-								
Dungeness ...	1023.0	64	SW	2	0	1020.7	-1	53	-5	N	2	W	c	2	-	69	45	0	0	bc	-								
Wick ...	1009.1	62	SW	2	c	1010.5	-2	50	-3	WSW	1	-	omf	1	3	67	48	bc	bc	omf	-								
Kairn Leith ...	1009.3	63	W	4	c	1011.7	-	50	-5	-	0	-	0	1	19	69	49	og	og	omf	10.1								
Lyonsmouth ...	1015.2	63	W	3	0	1010.9	-1	60	0	WSW	3	-	0	2	0.1	66	60	0.6	0.6	0.0	-								
Spurn Head ...	1018.5	65	W	3	cm	1014.0	-1	60	-1	SW	2	-	omf	1	-	69	57	bcw	bcw	omf	-								
Yarmouth ...	1021.5	63	WSW	3	bc	1018.5	-2	58	-2	WSW	3	-	0	3	-	68	54	bc	bc	0.0	-								
Clacton-on-Sea ...	1022.1	66	NNW	1	h	1019.1	-2	60	+3	NNW	2	-	omf	0	-	69	56	cm	cv	0.3	0.0								
Nottingham ...	1022.5	66	S	2	bc	1020.4	-1	62	+9	W	1	W	bc	0	-	67	53	bc	bc	0.0	0.3								
...	1022.0	64	W	2	c	1019.0	-	59</																					

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

§ For code see page 2.



SUMMARY OF CONDITIONS AT 7 h. G.M.T. 17.8.20.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.	Position Number	Date	Time G.M.T.	Sea ° F	Air ° F
1. S.E. England	Dull, misty.	Fair	Smooth	1	16 <sup>th</sup>	11.20.	59.5	61
2. E. England	Dull, misty.	"	Calm.	3	16 <sup>th</sup>	09.25	56	60
3. E. Midlands	Fine.	Good	-	2.	17 <sup>th</sup>	01.05	55.5	56
4. W. Midlands	Fine.	Indif.	-	12.	17 <sup>th</sup>	03.30.	53	54
5. S.W. England	Dull.	Good	Smooth	7.	17 <sup>th</sup>	02.00.	61	60
6. South Wales	Dull, drizzle.	Indif.	"	4.	17 <sup>th</sup>	03.30	59	60
7. North Wales	Fine, sea fog.	Poor.	Mod.					
8. N.W. England	Dull, squally.	Good.	"					
9. N. Midlands	Fine, misty.	Fair.	-					
10. N.E. England	Fair to dull, misty.	Indif.	V. Smooth					
11. E. Scotland	Dull, drizzle, rainy.	Indif.	" "					
12. S.W. Scotland	Dull, misty.	Poor.	Smooth					
13. Isle of Man	Dull.	Fair.	"					
14. N. & N.W. Scotland	Dull, misty, drizzle.	Poor	V. Smooth					
15. Hebrides	Dull.	Fair.	" "					
16. Orkneys and Shetlands	Fair.	Good.	Slight.					
17. N.W. Ireland	Dull, misty, rainy.	Poor.	Mod.					
18. N.E. Ireland	Dull.	Indif.	Smooth.					
19. S.E. Ireland	Dull.	Good	V. Smooth					
20. S.W. Ireland	Dull.	V. Good	Slight.					

Cross Channel Readings

GENERAL INFERENCE from observations received up to 9h. G.M.T.

The depression off our NW coasts will continue to spread South-Eastwards, causing cloudy weather. Some rain is not unlikely within the next 24 hours in all districts, but in East and South-East England it may not occur before Wednesday. The wind will be moderate from SW.



**EXPLANATION.**

**BAROMETER.**—Isobars are drawn at intervals of two millibars.

**WIND.**—Direction is shown by an arrow pointing in the direction of blowing with the wind. Force or velocity is indicated by the number of feathers. Mean velocity is shown by the number in small circles per hour by figure in small circles.

**TEMPERATURE.**—Mean temperature is given in degrees C.

**WEATHER SYMBOLS.**

☉ sky; clear sky. ☁ sky; cloudy.  
⊖ overcast sky. ⚡ rain falling.  
❄ snow. △ hail. ≡ fog.  
⚡ thunder. T. thundersnow.  
**SEA DISTURBANCE.** High rough.

### Further Outlook.

Districts.	Forecasts for the 24 hours commencing 15h G.M.T. Tuesday 17th August, 1920.
1. S.E. England	Moderate W to SW wind; Much low cloud, some rain before long; visibility fair to good; little change of temperature.
2. E. England	
3. E. Midlands	
4. W. Midlands	Moderate SW wind, becoming somewhat stronger; Much low cloud, rain at times; visibility fair to good; little change of temperature.
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Moderate SW wind; Much low cloud, some rain before long; visibility indifferent to fair; little change of temperature.
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	Light indefinite breezes; Much low cloud, rain at times; visibility indifferent to fair; little change of temperature.
13. Isle of Man	Same as 4 - 9.
14. N. & N.W. Scotland	Same as 11.
15. Hebrides	
16. Orkneys and Shetlands	Light to moderate Westerly wind; Much low cloud, rain at times; visibility fair to good; cool.
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	Same as 4 - 9.
20. S.W. Ireland	

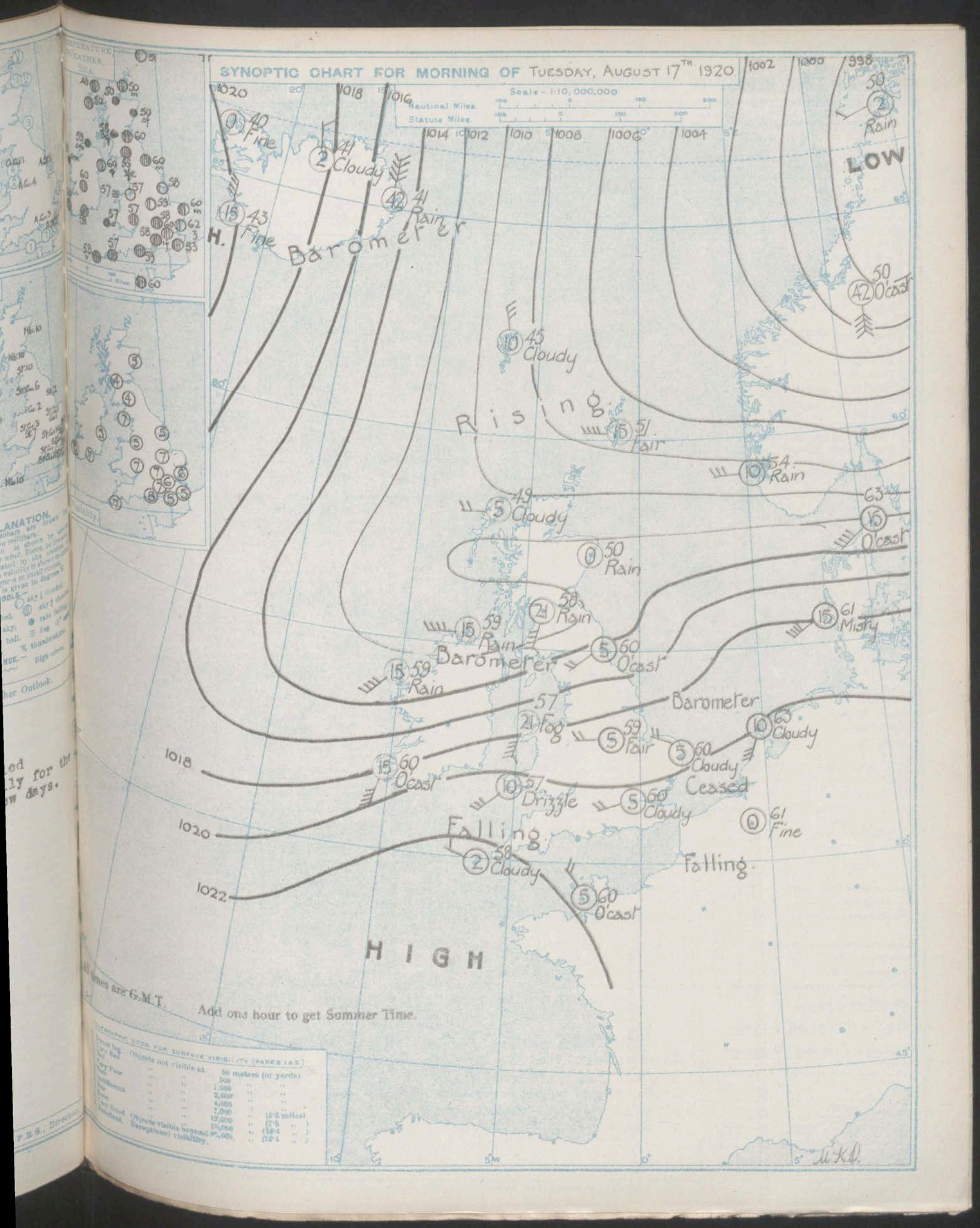
Unsettled  
generally for the  
next few days.



# SYNOPTIC CHART FOR MORNING OF TUESDAY, AUGUST 17<sup>TH</sup> 1920

Scale - 1:10,000,000

Nautical Miles  
Statute Miles



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## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 230.

Tuesday  
17th August 1920

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 16th																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-9h. 12 <sup>h</sup> -1 <sup>h</sup>	Day. 9h-17h. 1 <sup>h</sup> -12 <sup>h</sup>	to 17h. 16 <sup>h</sup>	Sunrise to Sun- set. 10 <sup>h</sup>			Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-9h. 12 <sup>h</sup> -1 <sup>h</sup>	Day. 9h-17h. 1 <sup>h</sup> -12 <sup>h</sup>	to 17h. 16 <sup>h</sup>	Sunrise to Sun- set. 10 <sup>h</sup>
Scotland.	Oban ... ..	ar	a	58	49	3	1	0.0	2	England, N.W.	Douglas (I.O.M.)	a	a	60	57	-	-	0.0	2
	Banff ... ..	b. bc	bc. c	71	50	-	-	7.4	1.7		Blackpool ... ..	a. c	o	65	58	-	-	0.7	1.2
	Montrose ... ..	b	b	71	54	-	-	10.5	1		Southport ... ..	a. c. bc	c. o	65	59	-	-	0.7	1.2
	St. Andrews ... ..	a	a	69	51	-	-	9.3	2										
England, N.E.	Harrogate ... ..	b	b	66	55	-	-	9.6	9.9	Midlands.	Buxton ... ..	bc. bc. b	c. bc. bc	64	54	-	-	0.7	9.6
	Scarborough ... ..	b	b	71	54	-	-	9.0	1		Leamington Spa... ..	o	c. b	67	52	-	-	-	-
	Skegness ... ..	b. o	o	67	52	-	-	2.2	1		Malvern ... ..							1.5	7.6
	Lowestoft ... ..	b. bc. c	bc. c. o	70	53	-	-	6.0	8.5		Bath ... ..	o	c. c. bc	69	52	-	-	0.0	2.1
England, E.	Felixstowe ... ..	bc. c	o	69	55	-	-	5.2	6.2	Wales.	Rhyl ... ..	o	o	68	58	-	-	1.0	1.7
	Southend-on-Sea... ..	bc	bc	74	54	-	-	6.0	6.8		Colwyn Bay ... ..	a	a	64	59	-	-	1.4	0.4
											Llandudno ... ..	a	a	64	59	-	-	0.0	0.0
											Aberystwyth ... ..	a. o. c	c. o. o	62	54	-	-	0.5	1
England, S.E.	Tunbridge Wells ... ..	c. bc	bc. b	73	49	-	-	5.3	6.8	England, S.W.	Tenby ... ..	c	cb	65	56	-	-	0.7	4.2
	Margate ... ..	b. bc. c	c	69	57	-	-	5.9	5.8		Swansea ... ..			68	57	-	-	7.8	4.2
	Ramsgate ... ..	a	a	a	a	-	-	5.6	6.1		Weymouth ... ..	bc	bc	70	52	-	-	1.2	2
	Folkestone ... ..	bm	b	70	58	-	-	11.1	6.3		Teignmouth ... ..	bc. c. bc	o	69	55	-	-	4.4	0.7
	Hastings ... ..	b	b	69	56	-	-	11.7	5.2		Torquay ... ..	b. bc. c	c. bc. c	67	55	-	-	0.2	0.3
	Eastbourne ... ..	b	bc. b	69	55	-	-	11.5	5.4		Paignton ... ..	bc. c	c	69	52	-	-	0.0	0.1
	Brighton ... ..	bc. b	b	70	55	-	-	10.4	6.3		Penzance ... ..	o. c	c. o	65	56	-	-	3.0	0.0
	Worthing ... ..	b	b	70	53	-	-	10.7	6.4		Newquay ... ..	a. op. o	bc. y	63	57	-	-	0.0	0.0
	Littlehampton ... ..	bc	b	68	55	-	-	11.2	4.9		Bude ... ..	a	a	63	59	-	-	0.0	0.4
	Portsmouth (S. thase) ... ..	a	a	70	53	-	-	6.6	6.0		Ilfracombe ... ..	o	o	63	60	-	-	7.5	10.3
	Bournemouth ... ..	a	a	72	52	-	-	2.0	2.5		Weston-s-Mare ... ..	c. bc	bc. c	67	58	-	-		
	Ventnor (I. of W.) ... ..	a	a	69	54	-	-	9.5	3.6										

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.									
STATIONS.		WEATHER.				TEMPERATURE.		RAINFALL.											
		7h-13h.	13h-18h.	18h-24h.	1h-7h.	Max. Temp. F.	Min. Temp. F.	Day. 7h-18h.	Night. 18h-7h.										
Renfrew ...	...	o. p. d.	c. op	o. p. d.	o. p. d.	66	57	56	mm.										
Esksdalemuir ...	...	o. o	o. p. d.	a. o. c. o	o	63	54	54	0.1										
Valencia (Cahire's) ...	...	o. p. c. o	c. o. o. p.	b. d. o	o	65	56	57	1										
Baldonnel ...	...	g. o	o. g	g. p.	o	67	55	-	-										
Manchester (Alex. Pk.) ...	...	o. g	o. g	b. bcw	66	49	40	-	-										
Ross on Wye ...	...	o. v	o. o	c. o. g. bcw	69	55	48	-	-										
Falmouth ...	...	o. p. d.	o. p. d.	o. p. d.	62	55	56	-	-										
Calshot (Hants) ...	...	b. bc. bc. o	o. o	o	67	57	57	-	-										
Lympne (Folkestone) ...	...	b. bc. bc. o	bc. c. bc. o	o. p. d. bc. o. g. p. d.	69	51	42	-	-										
Aberdeen ...	...	b. bc. v	bc. c. bc. o	b. bc. c	74	49	48	-	-										
Howden ...	...	g. z	z. bc. c	o. p. c. o	70	50	45	-	-										
Cranwell (Lines) ...	...	o	o	o. o. p.	66	56	-	-	-										
Felixstowe ...	...	z. c. o	c. o. z	bc. c. p.	70	57	-	-	-										
Shoeburyness ...	...	b. bc. p.	g. bc. bc. o	b. bc. c	74	54	45	-	-										
Benson ...	...	b	bc. c	o	69	56	54	-	-										
S. Farnborough ...	...	b. bc. c. o	o	o	70	56	53	-	-										
London (Kew Obs.) ...	...	b. bc. c. o	c. o. o	c. o. w. o	68	57	52	-	-										
Croydon ...	...	b. bc. o. p.	c. o. p. o. p.	b. bc. c. a. p. o. p.	69	55	-	-	-										

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH SUNRISE, NOON AND SUNSET FOR THE UNITED KINGDOM.			
	Morning.	Afternoon.	Night.						16 h. G.M.T.	p.h. G.M.T.					
24 HOURS ENDED 9H G.M.T.								YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday	17 <sup>th</sup> & 18 <sup>th</sup> August 1920.				
											Total ..... 11.03 ..... Joules.	Stations.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Greenwich (Royal Observatory)	0.0	0	0.00	73	58	56	-	5.4	57	70	Total ..... 11.03 ..... Joules.  Average Rate. 2.1 Maximum Rate. 65	Yarmouth...	Greenwich	Wick	Valencia
City (Bunhill Row)	*	*	*	*	*	*	*	3.6	*	*					
Westminster (St. James's Park)	C	C	bc.0	69	58	51	-	4.0	52	67					
Camden Sq. (British Railfall)	bc.C	bc	C	72	57	53	-	*	57	68					
Kensington Palace	C	0	*	72	54	54	-	4.8	63 (18h)	80					
Hampstead Observatory	0.	0	0	67	55	5	-	3.7	*	76					

Photographic Record of  
Pole Star (Polaris) and of  $\delta$  Ursae  
Minoris at Greenwich Observatory.

Exposure from 9.5.20. h. 45. m.  
to 17.5.20. h. 15. m.

Stars.	Duration of Exposure.	Duration of Record.	%
Polaris	6 30	a. a	o
$\delta$ Ursae	6 30	o. o	o
Minoris	6 30	o. o	o

## NOTES ON THE WEATHER OF YESTERDAY.

The temperature reached 74° at Aberdeen, Shoeburyness and Southend-on-Sea. Rain fell heavily in the extreme north of the British Isles, 19 mm at Nairn, 17 mm at Castlebay and 10 mm at Stornoway. In many parts of the country a considerable amount of sunshine was experienced, especially along the south coast of England and East coast of Scotland.





## AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:  
BRITISH SECTION. No. B21754. WEDNESDAY, 18<sup>th</sup> AUGUST, 1920.

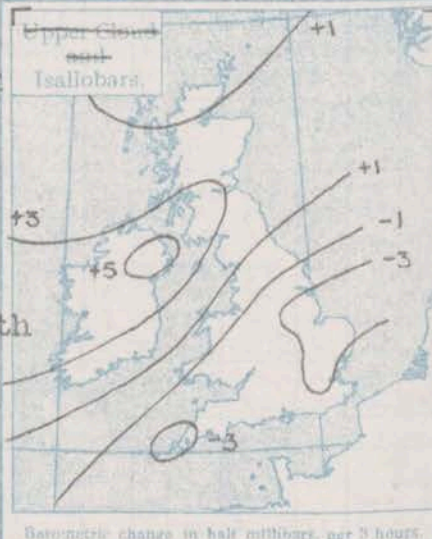
OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.

STATIONS.	13H. G.M.T. 17 <sup>th</sup>														18H. G.M.T. OF 17 <sup>th</sup>													
	Barom. at M.S.L.	Change in 3 hours.	Wind.	Force	Weather	Temp. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.	Barom. at M.S.L.	Change in 3 hours.	Wind.	Force	Weather	Temp. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.
	mb.		Dir.	0-12.											mb.		Dir.	0-12.										
Renfrew ...	1011.2	0	N	2	OR 23f	58	91	3	150	Ca Nb	10	-	-	2	1010.1	-2	NW	4	OR 23f	49	91	3	< 500	Nb	10	-	-	2
Eskdalemuir ...	1012.3	-2	SSW	5	OR 10	58	92	6	1,200	Nb	9	AS	1	2	1010.4	-3	S	4	OR 23f	51	91	5	1,200	Nb	10	-	-	2
Valencia (Cahire'n) ...	1016.3	-2	SSW	4	OR 10	62	85	7	150	St	10	-	-	3	1013.3	-3	SW	4	OR 10	61	91	6	150	St	10	-	-	4
Baldonnell ...	1014.8	-2	W	4	OR 10	62	85	7	150	St	10	-	-	3	1011.2	-3	SW	4	OR 10	60	91	6	150	Nb	10	-	-	2
Manchester (Alex. A.) ...	1010.9	-4	SSW	4	OR 10	68	65	7	3,000	St Cu	8	AS	2	2	1018.4	-3	WSW	2	OR 10	60	76	8	2,000	Nb	9	-	-	2
Ross on Wye ...	1017.9	-3	WSW	5	OR 10	64	65	6	4,200	St Cu	8	-	-	2	1015.9	-3	WSW	3	OR 10	61	85	7	3,000	St Cu	10	-	-	2
Falmouth ...	1020.1	-2	SW	3	OR 10	64	65	7	3,000	St Cu	10	-	-	2	1018.0	-2	WSW	2	OR 10	61	85	8	3,000	St Cu	9	-	-	2
Calshot (Hants) ...	1019.3	-2	SW	3	OR 10	65	65	7	3,000	St Cu	9	-	-	2	1017.5	-2	WSW	3	OR 10	61	85	8	3,000	St Cu	9	-	-	2
Lymington (Folkestone) ...	1019.3	-3	S	4	OR 10	63	85	7	1,250	Ca Nb	9	-	-	2	1016.9	-3	SW	4	OR 10	61	75	8	3,000	St Cu	5	AS	1	2
Aberdeen ...	1013.8	-1	0	0	OR 10	60	94	8	1,250	Nb	10	-	-	2	1013.2	-1	0	0	OR 10	49	92	6	2,000	Nb	10	-	-	2
Howden ...	1015.2	-2	SSW	3	OR 10	61	65	6	4,200	Ca Nb	3	AS	4	2	1012.7	-1	0	0	OR 10	66	85	5	4,200	St Cu	3	AS	1	2
Cranwell (Lincs) ...	1017.5	-3	SSW	4	OR 10	63	75	5	3,000	St Cu	9	-	-	2	1014.7	-3	SW	3	OR 10	65	75	7	4,200	St	2	AS	4	2
Felixstowe ...	1018.0	-3	S	4	OR 10	69	65	7	4,200	Ca	5	-	-	2	1016.6	-2	WSW	3	OR 10	67	65	6	4,200	St Cu	6	AS	2	2
Shoeburyness ...	1018.0	-3	WSW	3	OR 10	68	65	6	4,200	St Cu	8	-	-	2	1016.3	-3	W	1	OR 10	66	65	6	3,000	St Cu	8	-	-	2
Benson ...	1018.1	-3	WSW	3	OR 10	62	75	6	-	Ca	10	-	-	2	1016.1	-2	SSW	3	OR 10	62	75	8	-	-	-	-	-	2
S. Farnborough ...	1019.1	-2	W	2	OR 10	65	65	7	3,000	St Cu	7	AS	3	2	1016.9	-1	W	2	OR 10	62	75	7	3,000	St	6	AS	4	2
London (Kew Obs.) ...	1018.9	-2	WSW	2	OR 10	65	65	8	3,000	St Cu	8	AS	2	2	1016.5	-1	WNW	2	OR 10	63	75	8	3,000	St Cu	10	-	-	2
Croydon ...	1014.5	-4	W	2	OR 10	64	65	7	3,000	St Cu	10	-	-	2	1014.1	-3	W	2	OR 10	63	75	7	3,000	St Cu	10	-	-	2
Renfrew ...	1006.5	-3	NNE	4	OR 23f	47	91	3	1,250	Nb	10	-	-	2	1010.9	+3	NNW	2	OR 10	48	85	7	2,000	St	9	-	-	2
Eskdalemuir ...	1012.9	0	NNW	3	OR 10	58	92	3	1,250	Nb	10	-	-	2	1008.9	+4	NNE	5	OR 23f	44	92	6	2,000	Nb	10	-	-	2
Valencia (Cahire'n) ...	1008.8	-1	NNW	5	OR 10	55	92	3	750	Nb	10	-	-	2	1004.6	+3	NNE	5	OR 10	64	75	8	2,000	St Cu	8	-	-	3
Baldonnell ...	1008.8	-1	NNW	5	OR 10	55	92	3	750	Nb	10	-	-	2	1002.9	+4	NNW	3	OR 10	49	92	7	1,250	St	5	AS	3	2
Manchester (Alex. A.) ...	1007.0	-2	W	5	OR 23f	55	92	4	750	Nb	10	-	-	2	1007.0	-2	W	5	OR 23f	55	92	4	750	Nb	10	-	-	2
Ross on Wye ...	1009.6	-2	WSW	5	OR 10	59	92	6	2,000	Nb	9	AS	1	2	1004.6	-2	WSW	5	OR 10	59	92	6	2,000	Nb	9	AS	1	2
Falmouth ...	1015.9	-3	SW	2	OR 10	58	92	6	-	St	10	-	-	2	1013.3	-2	SW	4	OR 10	57	91	8	-	St	10	-	-	2
Calshot (Hants) ...	1015.2	-2	W	2	OR 10	57	92	8	-	-	-	-	-	2	1012.6	-2	WSW	3	OR 10	60	85	8	2,000	St Cu	10	-	-	2
Lymington (Folkestone) ...	1015.0	-2	W	4	OR 10	54	85	6	-	-	-	AS	3	2	1013.0	-2	WSW	3	OR 10	56	92	8	2,000	St Cu	9	AS	1	2
Aberdeen ...	1009.2	-5	S	1	OR 10	56	85	6	4,200	St Cu	7	-	-	2	1010.8	+2	NNW	3	OR 10	48	92	8	1,250	St	9	-	-	3
Howden ...	1011.7	-4	SSW	4	OR 10	57	85	5	4,200	St Cu	3	-	-	2	1005.1	-3	WSW	4	OR 10	60	85	7	3,000	St Cu	4	AS	6	2
Cranwell (Lincs) ...	1007.6	-4	SSW	5	OR 10	59	85	7	4,200	St Cu	8	-	-	2	1007.6	-4	SSW	5	OR 10	59	85	7	4,200	St Cu	8	-	-	2
Felixstowe ...	1012.0	-3	SW	4	OR 10	60	85	5	-	Ca	1	AS	1	3	1012.0	-3	SW	4	OR 10	60	85	5	-	Ca	1	AS	1	3
Shoeburyness ...	1012.5	-2	WSW	1	OR 10	60	75	7	-	-	-	-	-	2	1012.5	-2	WSW	1	OR 10	60	75	7	-	-	-	-	-	2
Benson ...	1010.7	-2	SW	3	OR 10	57	85	7	-	St Cu	8	-	-	2	1010.7	-2	SW	3	OR 10	57	85	7	-	St Cu	8	-	-	2
S. Farnborough ...	1012.3	-2	SW	3	OR 10	58	85	8	3,000	St Cu	5	AS	3	2	1012.3	-2	SW	3	OR 10	58	85	8	3,000	St Cu	5	AS	3	2
London (Kew Obs.) ...	1011.9	-1	SW	4	OR 10	59	75	9	2,000	St Cu	8	AS	2	2	1011.9	-1	SW	4	OR 10	59	75	9	2,000	St Cu	8	AS	2	2
Croydon ...	1012.1	-3	WSW	3	OR 10	58	75	7	3,000	St Cu	10	-	-	2	1012.1	-3	WSW	3	OR 10	58	75	7	3,000	St Cu	10	-	-	2
STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.																												
STATIONS.	Barom. at M.S.L.	Temp. °F.	Wind.	Force	Weather	Barometer. at M.S.L.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Wind.	Force	Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	Temp. Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	Sunshine Hours.							
	mb.		Dir.	0-12.		mb.				Dir.	0-12.																	
Lerwick ...	1011.7	53	W	2	bc	1011.8	0	46	-5	NW	3	-	bc	1	1	56	41	bc	bc	bc	5.							
Stornoway ...	1013.5	52	NE	4	c	1014.9	+1	48	-1	N	4	-	b	3	-	58	48	c	c	b.c.	4.3.							
Castlebay (Barra Is) ...	1011.0	52	N	4	c	1015.3	+1	50	0	N	4	-	c	3	Trace	56	46	op. o	o.c	c.b.c.	0.8							
Malin Head ...	1008.1	52	NE	3	o	1012.8	+1	51	-8	N	4	N	c.g	4	47	59	48	omr	omr	c.g.p	0.0							
Blackod Point ...	1006.5	56	N	4	omr	1015.6	+4	53	-6	N	3	N	bc	4	14	61	50	omr	omr	omr	0.0							
Roche's Point ...	1015.2	60	WSW	4	r	1013.4	+2	53	-6	N	3	-	bc	2	7	64	53	o	omr	omr	0.0							
Birr Castle ...	1010.2	61	SW	3																								



# SUMMARY OF CONDITIONS AT 7 h.G.M.T. 18.8.20.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.	Temperature reported from Coastal and Cross Channel Steamers			
				Position Number.	Date	Time G.M.T.	Sea ° F Air ° F
1. S.E. England	Dull, fair locally.	V.Good	Slight	3	17 <sup>th</sup>	09.25	56 59.5
2. E. England	Fair, misty.	Indiff	"	1	17 <sup>th</sup>	11.30	59 60.
3. E. Midlands	Dull.	Good	-	6	17 <sup>th</sup>	14.10	61 64.
4. W. Midlands	Dull, rainy.	Poor	-	2	18 <sup>th</sup>	01.10	56 58
5. S.W. England	Dull.	V.Good	Slight	7	18 <sup>th</sup>	02.05	60 60
6. South Wales	Dull, rainy.	Indiff	Rough				
7. North Wales	Dull, squally, gloomy.	"	"				
8. N.W. England	Dull, squally.	"	R Rough				
9. N. Midlands	Dull, misty.	Fair	-				
10. N.E. England	Misty, squally.	Good	R.Rough				
11. E. Scotland	Dull, squally.	V.Good	Slight				
12. S.W. Scotland	Dull, heavy rain, squally	Fair	Mod.				
13. Isle of Man	Dull, misty, squally.	"	"				
14. N. & N.W. Scotland	Dull, squally.	Good	Slight				
15. Hebrides	Fine to cloudy.	"	"				
16. Orkneys and Shetlands	Fair.	"	V. Smooth				
17. N.W. Ireland	Fair.	"	Mod.				
18. N.E. Ireland	Dull, misty, squally.	Fair	"				
19. S.E. Ireland	Fair.	Good	Smooth				
20. S.W. Ireland	Dull.	V.Good	Slight				



**EXPLANATION.**  
**BAROMETER.** - Isobars are drawn at intervals of two millibars.  
**WIND.** - Direction is shown by the arrow pointing in the direction from which the wind is blowing. Force is indicated by the number of flags or pennants.  
**TEMPERATURE.** - Mean velocity is shown in degrees Fahrenheit.  
**WEATHER SYMBOLS.** -  
 clear sky. ☉  
 sky & clouds. ☁  
 overcast sky. ☁  
 snow. ❄  
 hail. ⚡  
 thunder. ⚡  
**SEA DISTURBANCE.** -  
 rough. ~~~~~  
 high. ~~~~~

**GENERAL INFERENCE** from observations received up to 9h. G.M.T.  
 A depression off the Yorkshire coast will move Eastwards. Changeable showery weather is probable during Wednesday and Thursday in all districts with a few local thunderstorms. The northerly wind over the northern half of the Kingdom will moderate before long, and over South and South-East England the Westerly breeze is not likely to become much stronger.

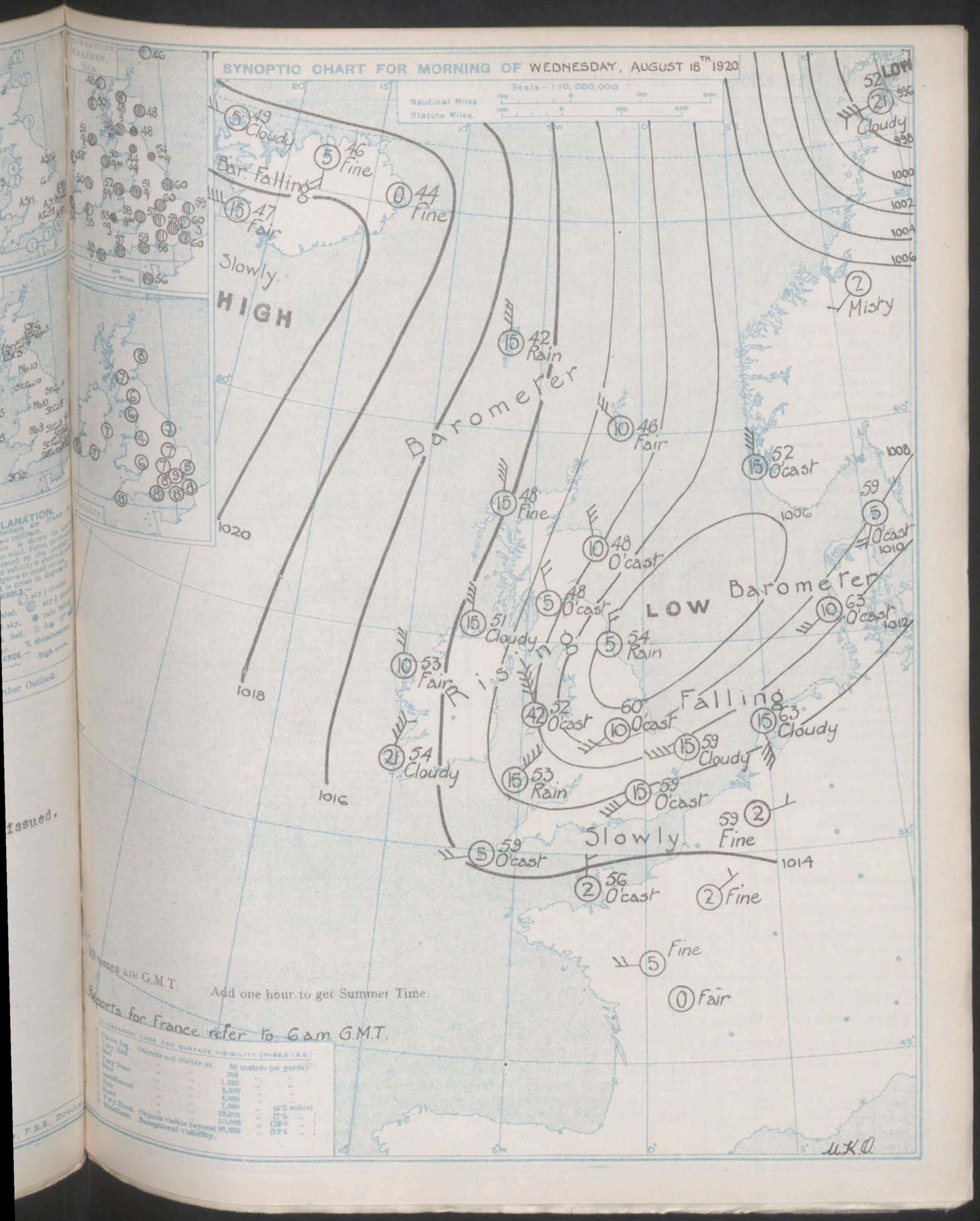
Districts.	Forecasts for the 24 hours commencing 15h.G.M.T. Wednesday 18.8.20.
1. S.E. England	Moderate to fresh Westerly wind; Much low cloud, some showers; slight risk of thunder; visibility good; cool.
2. E. England	
3. E. Midlands	
4. W. Midlands	Moderate to fresh West to North-West wind; Much low cloud; Some bright intervals, slight risk of thunder; visibility good; cool.
5. S.W. England	
6. South Wales	
7. North Wales	Fresh to strong northerly wind, moderating; Much low cloud, bright intervals, showery; slight risk of thunder; visibility good; very cool.
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	Moderate northerly wind; Much low cloud; bright intervals, some showers; visibility good; very cool.
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

None issued.



# SYNOPTIC CHART FOR MORNING OF WEDNESDAY, AUGUST 18<sup>TH</sup> 1920

Scale - 1:10,000,000  
Nautical Miles. 100 200 300 400 500  
Statute Miles. 100 200 300 400 500



EXPLANATION.  
Numbers are given in degrees.  
Wind direction is shown by the arrow.  
Wind force is shown by the number.  
Rain is shown by the symbol.  
Thunder is shown by the symbol.  
Fog is shown by the symbol.  
Mist is shown by the symbol.  
Clouds are shown by the symbol.  
Other Outlook.

Issued.

Times are G.M.T. Add one hour to get Summer Time.

Reports for France refer to 6 a.m. G.M.T.

SYNOPTIC CODE FOR SURFACE VISIBILITY (MILES)	
Object not visible at	50 metres (or yards)
Very Poor	1,000
Poor	2,000
Fair	4,000
Good	8,000
Very Good	16,000
Excellent	32,000
Exceptional	64,000

U.K.O.



WEATHER, TEMPERATURE RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 18 <sup>th</sup>																				
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.			STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-19h.	Day. 9h-17h.	to 17h.	Sunrise to Sun- set.				Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-19h.	Day. 9h-17h.	to 17h.	Sunrise to Sun- set.
						16 <sup>th</sup> -17 <sup>th</sup>	17 <sup>th</sup>	17 <sup>th</sup>	16 <sup>th</sup>								16 <sup>th</sup> -17 <sup>th</sup>	17 <sup>th</sup>	16 <sup>th</sup>	
Scotland.	Oban ... ..	0r	0r	55	50	14	9	0.0	0.0	England, N.W.	Douglas (I.O.M.)	0	0	60	55	1	-	0.0	0.5	
	Banff ... ..	0	0	55	49	10	9	0.0	7.4		Blackpool ... ..	bc. or o	or. o	65	56	-	1	0.9	0.4	
	Montrose ... ..	0r	0r	50	49	7	10	-	12.4		Southport ... ..	bc. c. op	o. c. o	66	56	-	0.3	2.5	0.4	
	St. Andrews ... ..	0	0	52	49	5	14	-	11.2											
England, N.E.	Harrogate ... ..	c. b	c. b	66	54	-	-	5.3	9.4	Midlands.	Buxton ... ..	bc. b. bc	bc. c. c. c.	64	50	-	-	5.3	1.4	
	Scarborough ... ..	0	0	62	56	-	-	8.2	9.0		Leamington Spa ... ..	0	c. b	64	55	-	-	1.0	0.9	
	Skewness ... ..	o. bc	bc	66	55	-	-	7.0	2.2		Malvern ... ..	0	0	64	56	-	-	0.3	1.4	
	Lowestoft ... ..	bc	bc	71	57	-	-	8.2	6.0		Bath ... ..	0	0	64	55	-	-	7.2	0.0	
England, E.	Felixstowe ... ..	0	bc. c.	70	60	-	-	7.0	5.6	Wales.	Rhyl ... ..	bc	bc. c	69	54	-	-	7.0	1.0	
	Southend-on-Sea ... ..	c. bc	bc. c. o	72	55	-	-	5.9	6.4		Colwyn Bay ... ..	0	0	69	56	-	-	6.8	1.4	
											Llandudno ... ..	bc. c	bc	68	54	-	-	0.0	0.0	
											Aberystwyth ... ..	or. c	c. o. c	61	56	1	-	0.3	0.5	
England, S.E.	Tunbridge Wells ... ..	o. c	0	64	49	-	-	0.3	6.2	England, S.W.	Tenby ... ..	cd	bc. bc	62	56	-	0.3	0.3	0.5	
	Margate ... ..	bc. b	bc. bc	64	56	-	-	7.8	5.9		Swansea ... ..	0	0	60	57	0.3	1	0.3	10.3	
	Ramsgate ... ..	0	0	64	56	-	-	6.5	6.6		Weymouth ... ..	o. c	c. o	68	54	-	-	0.0	1.2	
	Folkestone ... ..	0	0	64	56	-	-	9.1	12.0		Teignmouth ... ..	0	0	64	57	-	-	0.3	4.5	
	Hastings ... ..	bc. bc	bc	69	55	-	-	9.9	13.3	Torquay ... ..	0	0	64	56	-	-	0.5	4.3		
	Eastbourne ... ..	0	bc. b	69	54	-	-	7.1	13.1	Paignton ... ..	0	0	64	52	-	-	1.4	1.0		
	Brighton ... ..	0	o. c	70	54	-	-	2.4	12.3	Penzance ... ..	o. c	c. bc	66	57	-	-	0.6	5.0		
	Worthing ... ..	o. c	0	68	57	-	-	2.4	12.6	Newquay ... ..	o. c. v	o. c. v	64	56	-	-	3.0	0.3		
	Littlehampton ... ..	0	0	68	57	-	-	2.4	12.6	Bude ... ..	o. c. bc	bc. c. o	65	57	1	-	0.5	4.5		
	Portsmouth (Sithsea) ... ..	0	0	66	58	-	-	0.6	6.6	Ilfracombe ... ..	bc. bc	bc	66	57	-	-	0.5	4.5		
	Bournemouth ... ..	0	0	68	56	-	-	0.0	2.0	Weston-s-Mare ... ..	bc. bc	bc	66	57	-	-	0.5	4.5		
	Ventnor (I. of W.)	0	0	67	56	-	-	0.0	9.4											

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION. 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. e wet air without rain falling. f fog. g gloom. h hail. i lightning. m mist. o overcast sky. p passing showers. q squalls. r rain. rs sleet, i.e., rain and snow together. s snow. t thunder. u ugly, threatening sky. 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. Capital letters indicate intensity, and repetition of letters continuity, thus:- R = heavy rain. rr = continuous moderate rain. r.t. = continuous light rain.	THE BEAUFORT SCALE WIND FORCE. Used only for surface observations.		
	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	RAINFALL.		Sun. Hours.		No.	Limits of Velocity at about 30 feet above ground.	
	7h-13h.	13h-18h.	18h-24h.	1h-7h.				Day. 7h-13h.	Night. 18h-7h.				Statute miles per hour.	Metres per second.
Renfrew ...	0r	0r	0r	0r	60	45	44	36	35	0.0	0	Less than 1	Less than 0.8	
Eskdalemuir ...	0r	0r	0r	0r	59	43	43	6	14.3	0.0	1	1-3	1.0-3.3	
Valencia (Cahire'n)	0r	0r	0r	0r	62	53	50	1	5	0.0	2	4-7	3.4-5.4	
Baldonnel ...	0r	0r	0r	0r	66	48	-	0.3	8	0.3	3	8-12	5.5-7.9	
Manchester (Alton Pk.)	0r	0r	0r	0r	67	55	48	-	6	0.3	4	13-18	8.0-10.7	
Ross on Wye...	0r	0r	0r	0r	66	56	53	-	-	1.0	5	19-24	10.6-13.8	
Falmouth ...	0r	0r	0r	0r	66	56	53	-	-	2.0	6	25-31	13.9-17.1	
Calshot (Hants)...	0r	0r	0r	0r	67	55	52	-	-	0.5	7	32-38	17.2-20.7	
Lympne (Folkestone)	0r	0r	0r	0r	67	52	45	-	-	8.4	8	39-46	20.3-24.4	
Aberdeen ...	0r	0r	0r	0r	52	46	45	12	8	0.0	9	47-54	24.5-25.4	
Howden ...	0r	0r	0r	0r	72	57	53	-	-	8.4	10	55-63	28.6-33.5	
Cranwell (Lincs) ...	0r	0r	0r	0r	68	56	-	-	-	6.9	11	64-76	33.0 or above	
Felixstowe ...	0r	0r	0r	0r	71	57	-	-	-	-	12	Above 75		
Shoeburyness ...	0r	0r	0r	0r	71	56	47	-	-	4.7				
Benson ...	0r	0r	0r	0r	64	55	47	-	-	-				
S. Farnborough ...	0r	0r	0r	0r	66	51	41	-	-	0.1				
London (Kew Obs.) ...	0r	0r	0r	0r	67	57	50	-	-	0.3				
Croydon ...	0r	0r	0r	0r	66	53	-	-	-	-				

LONDON. OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).				TABLE SHOWING THE GREENWICH FOR STATIONS SUNRISE, NOON AND SUNSET IN THE UNITED KINGDOM.			
Morning.		Afternoon.	Night.	Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY % 15 h. G.M.T. 9 h. G.M.T.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.		18 <sup>th</sup> & 19 <sup>th</sup> AUGUST. 1920.				
24 HOURS ENDED 9H G.M.T. 18 <sup>th</sup>								YESTERDAY.	TO-DAY.		Stations.		Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.		
Greenwich (Royal Observatory)	0	0	0	70	54	48	-	1.0	66	68	Total ..... 76.1 ..... Joules.		Yarmouth...	4.42	11.57	7.12	
City (Bunhill Row) ...	*	*	*	*	*	*	*	0.3	*	*	Milliwatts.		Greenwich	4.44	11.57	7.10	
Westminster (St. James's Park)	c.	c.	c.	66	56	49	-	0.3	61	68	Average Rate. 14.6			4.52	12.44	7.56	
Camden Sq. (British Rainfall)	0. c. 3c.	3c. c. 0	*	67	55	53	-	*	60	67	Maximum Rate. 44.4		Wick	4.42	12.46	7.47	
Kensington Palace ...	0.	0	*	67	55	52	-	*	68 (18h)	72				4.45	12.48	8.0	
Hampstead Observatory ...	c.	0.	0	64	54	47	-	1.2	*	58			Valencia ...	5.31	12.45	7.58	

Photographic Record of

Pole Star (Polaris) and of  $\delta$  Ursae

Minoris at Greenwich Observatory.

Exposure from 7.20 h. to 8.30 h. A.M.

to 8.30 h. to 8.50 h. A.M.

Stars.	Duration of Exposure.		Duration of Record.		
	h.	m.	h.	m.	%
Polaris	6.	30	2.	12.	34.
$\delta$ Ursae					
Minoris	6.	30	0.	54.	14.

NOTES ON THE WEATHER OF YESTERDAY.

Exceptionally large falls of rain occurred in the North, 72 mm at Edinburgh, 71 mm at Glasgow, 49 mm at Eskdale and 47 mm at Malin Head. In the South and East of England there was little or none, and there were some good records of sunshine. The temperature slightly exceeded  $70^{\circ}$  in parts of England, but did not exceed  $50^{\circ}$  at Montrose, in Eastern Scotland.





## AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:  
BRITISH SECTION. No. B.2155 THURSDAY, AUGUST 19<sup>th</sup>, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 12H.

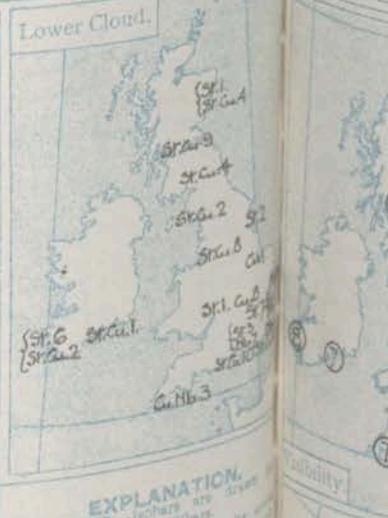
STATIONS	12H. G.M.T. OF 18 <sup>th</sup>												12H. G.M.T. OF 19 <sup>th</sup>												
	Barom. at M.S.L.	Change in 3 hours	Wind. Direc.	Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Form.	Sea 0-9	Barom. at M.S.L.	Change in 3 hours	Wind. Direc.	Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Form.	Sea 0-9	
	mb.												mb.												
Renfrew	1012.5	-	N	4	C	51	55	8	2,000	Sc	2	2	1012.7	+1	NNW	3	0	54	45	8	3,000	Sc	6	ASc	2
Eskdalemuir	1011.4	-	NNE	4	C	51	65	8	2,200	Sc	7	-	1013.4	+2	N	2	0	47	85	8	-	NB	9	-	-
Valencia (Cahore's)	1016.7	-	NNE	6	bc	58	65	8	3,000	Sc	4	-	1017.7	+2	N	5	bc	57	75	8	3,000	Sc	4	-	-
Baldonnel	1014.2	-	N	2	C	56	75	7	2,000	Sc	7	-	1015.0	+1	N	4	0	54	85	5	1,250	NB	9	-	-
MANCHESTER (MET. OFF.)	1009.8	-	NE	0	od. gm	51	85	4	750	NB	4	ASc	1011.8	+2	NE	4	0	52	75	4	1,250	NB	4	ASc	6
Ross on Wye	1010.4	-	NW	1	0	51	85	4	1,250	NB	3	-	1011.0	0	NNE	3	0	54	75	6	5,700	Sc	9	-	-
Falmouth	1010.9	-	SW	3	0	51	97	5	1,250	NB	10	-	1011.1	0	N	5	0	55	85	7	1,000	Sc	2	ASc	6
Calshot (Hants)	1011.1	-	WSW	4	0	51	75	8	2,000	Sc	10	-	1009.7	-1	WSW	3	0	53	92	5	750	NB	10	-	-
Lymington (Folkestone)	1010.7	-	W	4	0	51	75	8	2,000	Sc	9	-	1009.9	-1	SW	4	0	54	75	8	2,000	Sc	8	ASc	2
Aberdeen	1011.8	-	N	4	0	50	78	8	2,000	Sc	7	-	1012.8	+1	NW	4	0	49	75	8	3,000	Sc	2	-	-
Howden	1008.9	-	N	5	0	53	85	5	2,000	Sc	10	-	1011.4	+3	N	4	0	51	85	9	2,000	Sc	7	ASc	3
Cranwell (Lines)	1009.3	-	NW	3	0	53	97	6	750	NB	10	-	1011.1	+2	N	4	0	52	92	6	750	NB	10	-	-
Felixstowe	1010.2	-	W	4	0	54	75	6	2,000	Sc	10	-	1010.4	-1	NW	3	0	55	97	5	1,250	NB	10	-	-
Shoeburyness	1010.0	-	W	2	0	55	65	7	3,000	Sc	7	ASc	1009.8	-1	NNE	3	0	56	85	4	750	Sc	10	-	-
Benson	1010.0	-	WSW	3	0	58	97	3	-	NB	10	-	1010.0	0	NNW	1	0	52	92	4	-	NB	10	-	-
S. Farnborough	1010.6	-	SW	3	0	54	75	7	3,000	Sc	6	ASc	1010.1	-1	0	0	52	97	4	2,000	NB	10	-	-	
London (Kew Obs.)	1010.2	-	SW	3	0	54	75	8	3,000	Sc	8	ASc	1009.4	0	N	2	0	56	92	4	1,250	NB	8	ASc	3
Croydon	1011.7	-	SW	4	0	54	75	8	3,000	Sc	7	ASc	1010.1	-1	WSW	3	0	55	92	5	750	NB	10	-	-
Renfrew	1015.0	0	N	2	bc	42	85	6	-	Sc	6	-	1016.7	+1	W	2	0	44	85	6	3,000	Sc	9	-	-
Eskdalemuir	1020.1	+2	NNW	4	0	52	-	-	-	-	-	-	1015.6	+1	N	2	bc	45	75	8	-	Sc	4	-	-
Valencia (Cahore's)	1017.6	+1	-	0	bc	39	97	7	2,000	Sc	1	ASc	1021.5	+3	N	3	C	52	85	8	2,000	Sc	8	-	-
Baldonnel	-	-	-	-	-	-	-	-	-	-	-	-	1014.1	+2	NW	1	C3fe	47	85	3	5,700	Sc	8	-	-
MANCHESTER (MET. OFF.)	-	-	-	-	-	-	-	-	-	-	-	-	1013.6	+2	N	3	bc	50	85	6	2,000	Sc	1	ASc	4
Ross on Wye	-	-	-	-	-	-	-	-	-	-	-	-	1014.7	+2	N	1	bc	50	92	7	-	Sc	3	-	-
Falmouth	1013.0	+1	N	3	bc	51	85	7	2,000	Sc	1	-	1011.6	+2	NNE	4	0	51	85	5	750	Sc	10	-	-
Calshot (Hants)	1009.4	-2	NNE	3	od.	52	92	6	750	Sc	10	-	1011.6	+2	NNE	4	0	51	85	5	750	Sc	10	-	-
Lymington (Folkestone)	1008.4	-3	NNW	4	0	54	97	7	750	Sc	10	-	1008.1	0	NNE	5	0	52	97	5	1,500	NB	10	-	-
Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	1014.4	+2	NW	3	bc	49	85	8	2,000	Sc	5	-	-
Howden	-	-	-	-	-	-	-	-	-	-	-	-	1012.8	0	N	2	bc	47	85	6	3,000	Sc	2	ASc	2
Cranwell (Lines)	1012.5	0	NNE	2	bc	42	97	6	3,000	Sc	2	-	1010.1	0	NW	4	0	56	97	5	750	NB	10	-	-
Felixstowe	1012.2	-1	NNW	3	C	46	92	5	2,000	Sc	6	ASc	1009.2	+1	N	3	0	51	85	7	750	Sc	10	-	-
Shoeburyness	-	-	-	-	-	-	-	-	-	-	-	-	1011.4	+3	N	3	C	48	92	5	-	Sc	8	-	-
Benson	-	-	-	-	-	-	-	-	-	-	-	-	1011.3	+3	N	2	od.	49	92	6	1,250	NB	10	-	-
S. Farnborough	-	-	-	-	-	-	-	-	-	-	-	-	1011.1	+3	N	3	0	50	85	5	1,250	Sc	7	ASc	2
London (Kew Obs.)	1009.6	0	-	-	-	-	-	-	-	-	-	-	1010.9	+2	N	3	0	49	97	4	750	Sc	10	-	-
Croydon	1010.1	-1	NE	6	0	51	97	5	750	NB	10	-	-	-	-	-	-	-	-	-	-	-	-	-	
STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.																									
STATIONS	Barom. at M.S.L.	Temp. °F.	Wind. Direc.	Force 0-12	Weather	Barometer. at M.S.L.	Change in 3 hours	Temp. °F.	Change in 24 hours	Wind. Direc.	Force 0-12	Upper Cloud.	Weather.	Sea 0-9	Rainfall mm.	Temp. Max. °F.	Temp. Min. °F.	Morning	Afternoon	Night	Sunshine Hours.				
	mb.					mb.																			
Lerwick	1012.1	49	N	4	bc	1013.8	0	48	+2	NW	5	NW	0	3	1	56	45	bc	bc	0	4				
Stornoway	1016.7	49	N	5	C	1018.1	+1	48	0	N	3	-	C	3	1	53	41	bc	C	C	7				
Castlebay (Barra)	1017.9	52	N	4	bc	1018.8	0	49	-1	N	2	N	bc	1	-	54	46	C. og	og. bc	bc. b	7.4				
Malin Head	1016.0	51	N	3	bc	1017.2	0	51	0	N	3	N	bc	2	1	54	47	Cy. b	og. bc	bc. b	7.9				
Blackod Point	1018.3	54	NNE	4	bc	1020.0	0	52	-1	NW	2	-	bc	2	0.4	56	48	bc	bc	bc. p	-				
Roche's Point	1015.7	58	N	3	C	1019.8	+2	49	-1	N	3	-	bc	2	0.1	62	47	bc. c	bc. c	bc. b	-				
Birr Castle	1016.5	55	NW	3	C	1018.0	-	44	-6	NW	1	-	C	-	-	59	40	C	C	C. x	10.2				
Donaghadee	1014.2	54	NE	4	bc	1016.4	+2	51	+1	NE	4	N	bc	3	-	57	49	bc	bc	bc. m. g.	-				
Liverpool (Hulton)	1012.0	51	NE	3	0	1014.4	+2	48	-3	NNE	1	NE	bc	2	0.4	54	45	og. p	og. p	og. bc	0.0				
Holyhead	1012.1	50	NNE	5	bc	1016.2	+2	50	-2	NNW	3	N	Cy.	1	1	58	46	og. g	og. g	og. bc	0.0				
Pembroke (St. Ann's Head)	1012.8	50	N	4	bc	1015.8	+2	51	-2	NNW	3	N	bc	2	7	58	47	og. cy	og. cy	og. bc	5.4				
Seilly (St. Mary's)	1012.3	53	NNE	4	C	1015.5	+1	54	-5	NNE	4	N	Cy	5	8	60	54	og. m	og. c	og. bc	0.3				
Jersey (St. Aubin)	1011.8	62	W	2	C	1011.2	+1	55	-1	N	3	N	C	3	8	63	54	0	0. c. oc	0. c. oc	0.7				
Portland Bill	1010.0	60	SW	4	0	1011.9	+4	57	-2	NNE	4	N	bc	4	9	62	50	C	C. or	C. bc	-				
Dungeness	1009.9	62	SW	4	C	1007.7	+1	54	-6	N	3	N	bc	4	19	67	50	bc	bc. c	C. o. p.	-				
Wick	1010.2	49	NNW	3	bc	1015.4	+3	48	+1	NNW	3	-	og.	3	2	51	44	bc	bc	bc. og.	-				
Nairn	1014.3	51	N	2	bc	1016.4	-	48	0	N	2	-	Cy.	3	3	54	45	og. g	og. g	og. bc	4.5				
Leith	1012.3	53	NNE	2	C	1015.3	0	47	-1	N	2	-	0	2	2	56	45	og. p. c	og. p. c	og. bc	-				
Tynemouth	1011.9	52	N	3	og.	1013.8	0	49	-5	NW	3	N	bc. m	4	0.1	55	48	og. g	og. g	og. bc	-				
Spurn Head	1010.5	54	NNW	6	og. p	1011.7	0	51	-9	NW	5	-	bc. g.	4	0.1	61	46	og. p	og. p	og. bc	-				
Falmouth (Don. Station)	1004.7	54	N	3	N	1009.3	-2	53																	

\* Information for these columns not usually received.

- The barometric change is expressed in half millibars.

§ For code see page 3



Temperature reported from Coastal and  
Cross Channel Steamers[illegible]

**EXPLANATION.**  
BAROMETER.—barbars are given  
intervals of two millibars.  
WIND.—Direction is shown by  
lying with the wind. Force, in  
m-12, is indicated by number of  
feathers. Mean velocity is shown by  
per foot by figure in parentheses.  
TEMPERATURE.—in given in degrees F.  
WEATHER SYMBOLS.—  
clear sky. ☉ sky 1 clouded  
☁ sky 2 overcast sky. ☁ sky 3 rain falling  
☁ sky 4 snow. ☁ half. ☁ thunder.  
☁ disturbance. High —  
South —  
Further Outlook.

### Further Outlook.

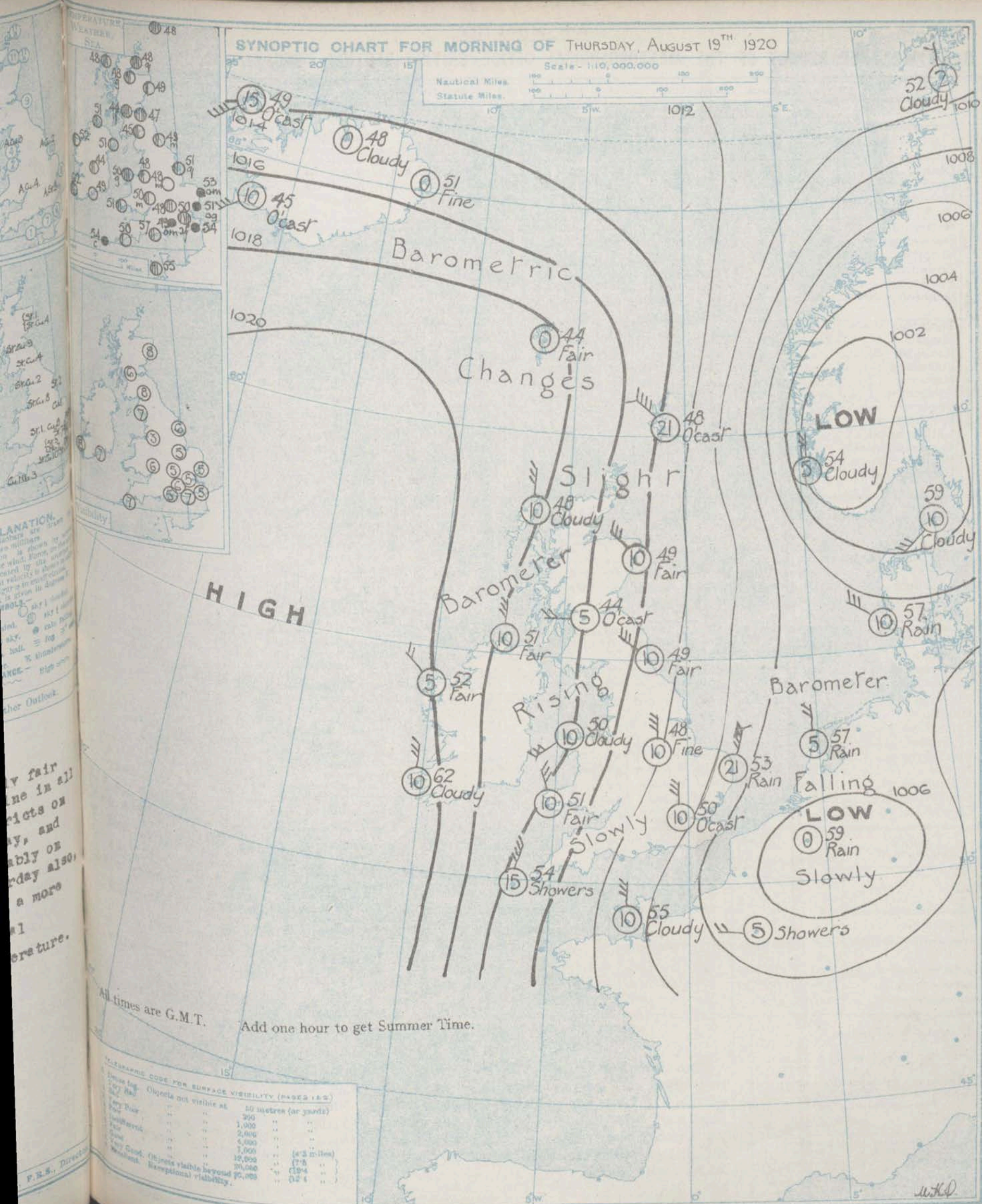
Mainly fair to fine in all districts on Friday, and probably on Saturday also, with a more normal temperature.



SYNOPTIC CHART FOR MORNING OF THURSDAY, AUGUST 19<sup>TH</sup> 1920

Scale - 1:10,000,000

Nautical Miles  
Statute Miles.



All times are G.M.T.

Add one hour to get Summer Time.

ALPHABETIC CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)		IS	
Base leg (or fix)	Object not visible at	50 metres (or yards)	
Very Poor	" "	200	" "
Poor	" "	1,000	" "
Uncertain	" "	2,000	" "
Fair	" "	4,000	" "
Good	" "	1,000	" "
Very Good	" "	12,000	" "
Excellent	" "	20,000	" "
	Exceptional visibility	25,000	" "

F. B. I., Director



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No 232.

THURSDAY  
19 AUGUST.

WEATHER, TEMPERATURE RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 18 <sup>th</sup>																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.
						17 <sup>th</sup> 18 <sup>th</sup>	18 <sup>th</sup> 19 <sup>th</sup>	18 <sup>th</sup> 19 <sup>th</sup>	19 <sup>th</sup> 20 <sup>th</sup>							17 <sup>th</sup> 18 <sup>th</sup>	18 <sup>th</sup> 19 <sup>th</sup>	18 <sup>th</sup> 19 <sup>th</sup>	19 <sup>th</sup> 20 <sup>th</sup>
Scotland.	Oban ... ..	c	bc. c	54	46	10	-	7.0	0.0	England, N.W.	Douglas (I.O.M.)	+	+	58	47	5	-	5.1	0.0
	Banff ... ..	bc	bc. cp	54	48	0.2	0.2	5.4	0.0		Blackpool ... ..	bc	0	55	49	2	0.1	0.1	0.0
	Montrose ... ..	c. bc	bc	55	45	22	-	5.2	0.0		Southport ... ..	or. o	or. o	55	50	1	0.1	-	2.8
	St. Andrews ... ..	c	c	56	46	26	-	3.8	0.0										
England, N.E.	Harrogate ... ..	op	op	64	47	1	1	-	6.3	Midlands.	Buxton ... ..	cr. c	cr. c	52	46	5	0.1	0.0	5.4
	Scarborough ... ..	o	o	66	51	1	0.3	0.0	8.2		Leamington Spa...	or	o	64	54	-	3	0.4	1.0
	Skegness ... ..	o	op	64	52	-	3	0.0	7.6		Malvern ... ..	+	o	61	52	0.1	4	0.1	1.5
	Lowestoft ... ..	bc. c. o	or	70	54	-	3	5.4	9.5		Bath ... ..	or	+	60	56	-	6	0.0	7.7
England, E.	Felixstowe ... ..	bc. o	or	68	57	-	1	4.7	7.5	Wales.	Rhyl ... ..	o. c	o. c	65	57	3	1	0.0	7.0
	Southend-on-Sea...	c. bc. c. o	o. or	67	55	-	0.3	4.1	6.9		Colwyn Bay ... ..	+	+	70	52	3	2	0.1	1.4
											Llandudno ... ..	bc	o. c. o	62	50	6	-	0.2	0.0
											Aberystwyth ... ..	or. c	c. c. o	56	51	6	-	0.2	0.0
England, S.E.	Tunbridge Wells	o	c. o	65	52	-	-	1.0	0.3	England, S.W.	Tenby ... ..	+	c	59	52	11	2	1.8	0.8
	Margate ... ..	bc. bc. c	c	68	55	-	-	4.5	7.8		Swansea ... ..	+	+	59	53	10	3	1.7	0.3
	Ramsgate ... ..	+	+	68	58	-	-	4.6	6.6		Weymouth ... ..	o	or	66	64	-	4	0.0	0.0
	Folkestone ... ..	o. bc	c. o	67	56	-	-	2.0	10.0		Teignmouth ... ..	o	or	63	64	-	-	0.6	0.3
	Hastings ... ..	c. bc	bc. c. o	67	55	-	-	2.5	12.4		Torquay ... ..	o. c. o	or. o	62	54	-	-	0.2	0.0
	Eastbourne ... ..	bc. c	c. o. c	65	56	-	-	2.1	8.1		Paignton ... ..	o	or. o	64	58	-	4	0.0	1.4
	Brighton ... ..	ov	ov	63	58	-	-	0.2	8.3		Penzance ... ..	odr	or. c	62	56	-	8	0.0	1.0
	Worthing ... ..	c. o	o	64	56	-	-	0.3	2.2		Newquay ... ..	ov. or	or. ov	61	52	-	8	0.7	1
	Littlehampton ... ..	c. c	c. o	63	53	-	-	0.4	?		Bude ... ..	+	+	66	52	1	8	1.8	3.6
	Portsmouth (S. thea)	+	+	64	56	-	-	0.2	0.6		Ilfracombe ... ..	+	bc. bc	58	54	7	6	0.0	0.9
	Bournemouth ... ..	+	+	64	54	-	2	0.2	0.0		Weston-s-Mare ... ..	or	c	62	55	-	-	-	-
	Ventnor (I. of W.)	+	+	63	55	-	-	2.5	0.6										

SUMMARIES FOR PAST 24 HOURS.												BEAUFORT NOTATION.		THE BEAUFORT WIND FORCE.	
STATIONS.		WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Glass ° F.	RAINFALL.		Sun. Hours.	Limits of Velocity at about 10 feet above ground.			
		7h-12h/8.	12h-18h/8.	18h/8-1h/9.	1h-7h/9.				Day. 7h-18h.	Night. 18h-7h.		No.	Statute miles per hour.	Metres per second.	
Renfrew	...	c. oq	o. o	op. bcw	b. bcw	59	42	38	1	mm.	6.8	b	blue sky (not more than a quarter covered).	bc	sky partly cloudy (one half covered).
Eskdalemuir	...	c. o. c. o	c. op. q	c. op. bcw	b. bcw	54	37	31	0.3	0.3	2.3	c	generally cloudy (three quarters covered).	d	drizzle, or fine rain.
Valencia (Cahire'n)	...	b. bc. b. bc	b. bc. b. bc	b. bc. c.	o. c. o.	62	49	44	-	-	11.9	e	wet air without rain falling.	f	fog.
Baldonnel	...	c. sp. d.	g. rr	b. bc.								g	gloom.	h	hail.
MANCHESTER (ALEX. PK.)	...	op. pd	op. pd. g	op. u.	c. on. c. f.	53	39	30	0.2	trace	*	i	lightning	m	mist.
Ross on Wye	...	op. pd. rr	R. c. c. o	op. op. g.	op. op. bcw	59	45	40	6	0.2	0.8	o	overcast sky.	p	passing showers.
Falmouth	...	op. rr	op. rr. o	c. bc. c. f. b.	b. bc. p.	61	47	*	6	0.4	0.0	q	squalls.	r	rain.
Calshot (Hants)	...	op.	h. op. pd. d.	rr. ad. pd.	op. pd. rr.	63	50	50	1	11	0.5	rs	sleet, i.e., rain and snow together.	s	snow.
Lympne (Folkestone)	...	o. c. o. o.		o. rr.	rr. z. f.	63	51	51	-	16	15	t	thunder.	u	ugly, threatening sky.
Aberdeen	...	c. op.	b. c. b. bc	b. bc.	r. c. o.	54	44	40	0.4	3	5.5	v	unusual visibility.	w	dew.
Howden	...	op.	w. w.	b. c. v.	w. i. f.	72	40	36	2	-	0.0	x	hoar frost.	y	dry air; humidity less than 60 per cent.
Cranwell (Lincs)	...	c. o. or	rr. of	o. f. b.								z	dust haze; the turbid atmosphere of dry weather.		
Felixstowe	...	g. bc. c.	op. rr	rr. PD.	rr.	68	50	*	*	*	*				
Shoeburyness	...	b. c. c. o	g. rr	rr. R.	rr. R.	67	50	51	1	23	3.2				
Benson	...	c. d.	rr	rr. o.	o. r. r.	62	47	45	7	3	*				
S. Farnborough	...	c. o. o.	pd. rr	o. rr.	rr. o.	65	48	49	2	15	0.2				
London (Kew Obs.)	...	o	b. g. op. rr	R. r.	op.	66	49	49	2	15	0.2				
Croydon	...	op. b. o.	op. op. rr	rr. z. f. o.	op. rr. d.	64	49	*	1	26	*				

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

**SYMBOLS-**  
Aurora      ☄ Solar halo  
Rime      ☄ Lunar halo  
Glazed from      ☄ Solar corona  
Glazed roads      ☄ Lunar corona

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).									
STATIONS.		WEATHER.				Max. Temp. F.		Min. Temp. F.		Rainfall.		Sunshine to Sunset.		Humidity %		Vertical Component of Solar Radiation per Square Centimetre during yesterday.		Average Rate.	
		Morning.	Afternoon.	Night.	Max. Temp. F.	Min. Temp. F.	Min. on Grass. F.	Temp. F.	Temp. F.	mm.	mm.	Hours.	Hours.	15 h. G.M.T.	9 h. G.M.T.				
Greenwich (Royal Observatory)		o	o	or. or	68	49	50	23	1.4	80	83	Total 610 Joules. Milliwatts. Maximum Rate. 47	Yarmouth ...	Greenwich ...	Wick ...	Valencia ...	Stations.	Sunrise.	Noon.
City (Bunhill Row) ...		+	+	+	+	+	+	+	1.3	+	+								
Westminster (St. James's Park)		or	or. bc	bc	65	50	46	20	0.2	89	75								
Camden Sq. (British Rainfall)		c. o	c. o. or	+	67	49	48	21	+	88	71								
Kensington Palace ...		or	or	+	65	50	48	18	+	91 (18h)	80								
Hamstead Observatory ...		c. o	or	or	61	47	+	19	0.6	+	88								

Photographic Record of

Pole Star (Polaris) and of 8 Ursae

Minoris at Greenwich Observatory.

Exposure from 18<sup>h</sup> 20<sup>m</sup> 45<sup>s</sup> to 19<sup>h</sup> 03<sup>m</sup> 15<sup>s</sup>

Stars.	Duration of Exposure.	Duration of Record.		
	h. m.	h.	m.	%
Polaris	6.30	0.	0	0
8 Ursae	6.30	0.	0	0
Minoris	6.30	0.	0	0

NOTES ON THE WEATHER OF YESTERDAY.

The temperature just reached 70° at a few English Stations, but did not rise above 51° at Wick, and there was a slight ground frost at night at Eskdale and Manchester. South-East England was the region of heaviest rainfall: 27 mm at Croydon, 24 at Shoeburyness and 19 at Dungeness. The best records of sunshine were in Ireland, 12 hours at Valencia and 10 hours at Birr Castle.

\* Information for these columns not usually received.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B. 26156 Friday... 25th... August... 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.

STATIONS	BAROM. at M.S.L.	Change in 3 hours	WIND		WEATHER	TEMP. °F.	Humidity %	Visibility 0-9	Height of Low Cloud Feet	Low Cloud		Upper Cloud		Sea	BAROM. at M.S.L.	Change in 3 hours	WIND		WEATHER	TEMP. °F.	Humidity %	Visibility 0-9	Height of Low Cloud Feet	Low Cloud		Upper Cloud		Sea						
			Dir.	Force 0-12						Form	Amt. 0-10	Form	Amt. 0-10				Dir.	Force 0-12						Form	Amt. 0-10	Dir.	Force 0-12		Form	Amt. 0-10	Dir.	Force 0-12	Form	Amt. 0-10
13H. G.M.T. 19th																																		
Renfrew	1017.0	0	NW	1	0	56	55	8	3,000	Ca	10	-	-	+	1017.4	0	NNW	3	0	56	55	8	3,000	Ca	10	-	-	+						
Esksdalemuir	1016.5	+2	N	4	bc	49	55	8	-	Ca	10	Cl	1	+	1016.5	+1	N	1	bc	57	55	7	11,200	Sc	7	-	-	+						
Valencia (Cahire's)	1022.1	0	NNW	4	c	57	65	8	3,000	Sc	10	Y	-	-	1022.5	0	NNW	4	c	55	65	8	3,000	Sc	10	Y	-	-						
Baldonnel	1018.6	0	N	3	cr	57	65	8	3,000	Sc	10	Y	-	-	1018.9	0	N	3	c	58	65	7	3,000	Sc	10	Y	-	-						
Manchester (Alex. P.)	1014.4	+1	NNW	3	0	56	55	8	3,000	Sc	10	Y	-	-	1016.0	+1	N	1	0	56	55	8	3,000	Sc	10	Y	-	-						
Ross on Wye	1014.3	N	NNW	3	c	56	55	8	3,000	Sc	10	Y	-	-	1015.6	+1	NW	2	0	56	55	8	3,000	Sc	10	Y	-	-						
Falmouth	1016.2	+2	N	4	c	59	65	8	3,000	Ca	10	Y	-	-	1016.2	+2	NNW	4	0	57	65	8	3,000	Ca	10	Y	-	-						
Calshot (Hants)	1015.8	+2	N	4	bc	59	65	8	3,000	Ca	10	Y	-	-	1014.8	+2	N	3	0	58	65	5	3,000	Ca	10	Y	-	-						
Lymington (Folkestone)	1011.1	+3	N	4	0	59	65	8	1,250	Sc	10	Y	-	-	1013.2	+3	N	3	bc	57	65	8	1,250	Sc	10	Y	-	-						
Aberdeen	1015.6	+1	NNW	4	bc	59	65	8	3,000	Ca	10	Y	-	-	1016.6	+1	NNW	4	bc	59	65	8	3,000	Ca	10	Y	-	-						
Howden	1013.4	0	NW	5	0	59	65	8	3,000	Sc	10	Y	-	-	1014.4	0	N	5	0	57	65	8	3,000	Sc	10	Y	-	-						
Cranwell (Lincs)	1014.2	0	N	2	0	59	65	8	2,000	Sc	10	Y	-	-	1014.2	0	NNW	4	0	58	65	8	2,000	Sc	10	Y	-	-						
Felixstowe	1012.1	+2	NW	3	0	58	65	8	1,250	Sc	10	Y	-	-	1013.3	+2	NNW	3	0	58	65	8	3,000	Sc	10	Y	-	-						
Shoeburyness	1011.6	+3	N	2	c	58	65	8	3,000	Sc	10	Y	-	-	1012.5	+2	N	1	0	58	65	8	3,000	Sc	10	Y	-	-						
Benson	1012.7	+1	NNW	3	c	57	65	8	-	Ca	8	Y	-	-	1013.6	+2	NNW	1	0	58	65	8	-	Ca	8	Y	-	-						
S. Farnborough	1013.1	+2	NNW	3	bc	60	65	8	3,000	Ca	10	Y	-	-	1014.4	+1	NW	2	c	58	65	8	3,000	Ca	10	Y	-	-						
London (New Obs.)	1012.5	+1	NNW	3	bc	58	65	8	3,000	Ca	10	Y	-	-	1014.6	+1	N	1	0	58	65	8	3,000	Sc	10	Y	-	-						
Croydon	1013.1	+3	NNW	4	0	58	65	8	2,000	Sc	10	Y	-	-	1014.6	+3	N	5	0	58	65	8	2,000	Sc	10	Y	-	-						
1H. G.M.T. OF 20th																																		
Renfrew	1018.4	+1	-	0	0	59	92	8	-	-	-	-	-	-	1020.1	+2	W	1	bc	45	85	5	3,000	Ca	1	Ca	2	+						
Esksdalemuir	1018.4	+1	-	0	0	59	92	8	-	-	-	-	-	-	1019.8	+2	SSE	1	0	46	75	9	-	Sc	6	Ca	2	+						
Valencia (Cahire's)	1024.6	0	NNW	4	bc	53	-	-	-	-	-	-	-	-	1027.5	+2	NNW	2	c	54	75	8	2,000	Sc	8	-	-	+						
Baldonnel	1022.3	+1	-	0	0	52	92	6	7	Sc	2	-	-	-	1023.5	+1	N	3	0	46	92	7	2,200	Sc	3	Ca	6	+						
Manchester (Alex. P.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1019.1	+2	SSE	1	0	46	92	7	1,250	Sc	10	-	-	+						
Ross on Wye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1020.2	+2	SW	1	bc	48	85	9	3,000	Sc	1	Ca	1	+						
Falmouth	1020.8	+2	N	1	bc	48	85	7	2,000	Sc	2	-	-	-	1022.5	+3	N	1	0	50	85	8	-	Sc	9	-	-	+						
Calshot (Hants)	1018.5	+2	NNW	3	0	48	85	8	-	-	-	-	-	-	1020.3	+2	NNW	3	bc	48	85	6	-	-	-	-	-	+						
Lymington (Folkestone)	1016.0	+3	N	3	0	48	92	7	-	-	-	-	-	-	1017.3	+3	NNW	3	bc	45	92	5	-	-	-	-	-	+						
Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1018.0	+1	NW	3	0	48	85	8	2,200	Sc	9	-	-	+						
Howden	1016.3	0	NW	3	bc	44	92	6	-	-	-	-	-	-	1017.9	+2	NNW	4	bc	47	85	9	2,200	Sc	3	Ca	5	+						
Cranwell (Lincs)	1016.6	+2	NW	4	0	43	92	6	-	-	-	-	-	-	1018.4	+4	NNW	3	c	45	92	5	2,200	Sc	3	Ca	5	+						
Felixstowe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1016.5	+2	NNW	4	bc	49	92	5	1,250	Sc	3	-	-	+						
Shoeburyness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1017.3	+4	NW	3	bc	49	75	6	-	-	-	-	-	+						
Benson	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1018.7	+3	NW	1	c	44	92	5	-	-	-	-	-	+						
S. Farnborough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1019.3	+2	NNW	2	0	44	92	7	-	-	-	-	-	+						
London (New Obs.)	1017.0	+2	-	-	-	-	-	-	-	-	-	-	-	-	1019.4	+3	NNW	2	bc	46	85	5	2,200	-	-	-	-	+						
Croydon	1017.7	+1	NNW	3	bc	44	92	5	-	-	-	-	-	-	1019.1	+3	NNW	2	bc	45	85	4	-	-	-	-	-	+						
STATIONS CONTRIBUTING REPORTS AT 7H AND 12H																																		
STATIONS	BAROM. at M.S.L.	Change in 3 hours	WIND		WEATHER	TEMP. °F.	Humidity %	Visibility 0-9	Height of Low Cloud Feet	Low Cloud		Upper Cloud		Sea	Rainfall in 24 hours	TEMP.			WEATHER			Sunshine Hours												
			Dir.	Force 0-12						Form	Amt. 0-10	Form	Amt. 0-10			Max. °F.	Min. °F.	Morning	Afternoon	Night														
12H. G.M.T. OF 19th																																		
Lerwick	1016.0	49	N	6	0	50	52	8	3,000	Ca	10	-	-	+	0.3	52	45	cmg	cm	c.d	9													
Stornoway	1020.4	50	N	4	c	50	52	8	3,000	Ca	10	-	-	+	0.3	53	43	bc	c	bc	2.5													
Castell Bay (Barrels)	1021.0	52	NW	4	0	51	52	8	3,000	Ca	10	-	-	+	0.3	55	49	bc	c.b	bc.p	9.7													
Malin Head	1018.2	53	N	2	bc	52	51	8	3,000	Ca	10	-	-	+	0.3	54	50	bc	bc	cm	11.0													
Blackod Point	1021.5	54	N	2	bc	53	51	8	3,000	Ca	10	-	-	+	0.3	58	48	bc	bc	c.bc	+													
Roche's Point	1021.5	54	N	2	bc	53	51	8	3,000	Ca	10	-	-	+	0.3	58	48	bc	bc	c.bc	+													
Bir Castle	1020.3	55	NW	1	c	47	53	8	3,000	Ca	10	-	-	+	0.3	58	44	c	c.p	bc	7.5													
Dunaghadree	1018.1	52	N	3	bc	52	51	8	3,000	Ca	10	-	-	+	0.3	58	44	c	c.p	bc	7.5													
Liverpool (Bishop)	1015.9	53	NW	3	bc	52	51	8	3,000	Ca	10	-	-	+	0.3	58	44	c	c.p	bc	7.5													
Holyhead	1017.9	54	NW	3	bc	53	51	8	3,000	Ca	10	-	-	+	0.3	58	44	c	c.p	bc	7.5													
Pembroke (St. Mary's)	1018.4	53	NW	3	bc	52	51	8	3,000	Ca	10	-	-	+	0.3	58	44	c	c.p	bc	7.5													
Jersey (St. Aubin)	1019.4	54	N	3	bc	53	51	8	3,000	Ca	10	-	-	+	0.3	58	44	c	c.p	bc	7.5													
Portland Bill	1015.8	58	NW	3	bc	56	51	8	3,000	Ca	10	-	-	+	0.3	58	44	c	c.p	bc	7.5													
Dungeness	1014.7	58	NNW	4	bc	57	51	8	3,000	Ca	10	-	-	+	0.3	58	44	c	c.p	bc	7.5													
Wick	1016.0	58	NNW	4	bc	57	51	8	3,000	Ca	10	-	-	+	0.3	58	44	c	c.p	bc	7.5													
Nairn	1016.8	50	NNW	3	0	57	51	8	3,000	Ca	10	-	-	+	0.3	58	44	c	c.p	bc	7.5													
Leith	1018.5	50	NNW	3	0	57	51	8	3,000	Ca	10	-	-	+	0.3	58	44	c	c.p	bc	7.5													
Tynemouth	1015.4	53	NW	1	c	57	51	8	3,000	Ca	10	-	-	+	0.3	58	44	c	c.p	bc	7.5													
Spartan Head	1015.4	52	N	6	bc	57	51	8	3,000	Ca	10	-	-	+	0.3	58	44	c	c.p	bc	7.5													
Falmouth (New Obs.)	1012.7	50	NW	3	0	57	51	8	3,000	Ca	10	-	-	+	0.3	58	44	c	c.p	bc	7.5													
Clacton-on-Sea	1011.9	52	NNW	3	c	57	51	8	3,000	Ca	10	-	-	+	0.3	58	44																	

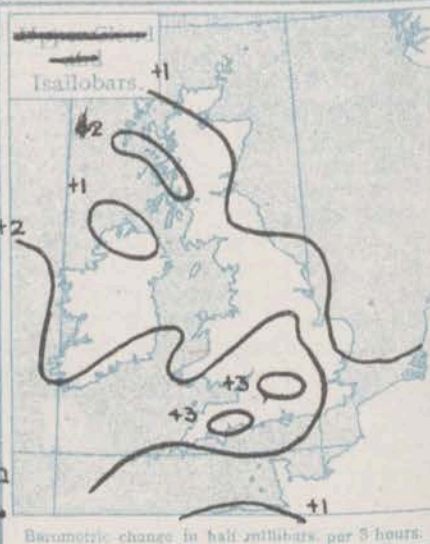
\* Information for these columns not usually received.

- The barometric change is expressed in half millibars.

† For code see page 3



Temperature reported from Coastal and Cross Channel Steamers

[illegible]

Lower Cloud.

Sta. 9

Cal

Sta. 6

A. 3

Sta. 3

Sta. 7

Sta. 8

Sta. 4

Sta. 1

Sta. 9

Sta. 5

7

7

8

**EXPLANATION.**—(Labels are given in intervals of two millibars.)

**BAROMETER.**—Direction is shown by arrow flying with the wind. Force, on scale 0-12, is indicated by the number of feathers. Mean velocity is shown in feet per hour by figure in small circles.

**TEMPERATURE.**—

**WEATHER SYMBOLS.**—

clear sky. ☉ sky ½ clouded. ☁  
overcast sky. ☁☁ sky ¾ clouded. ☁☁☁  
snow. ❄️ ball. ☁☁☁☁ rain falling. ☁☁☁☁☁  
thunder. ⚡ thunderstorm. ☁☁☁☁☁☁  
sea disturbance. ~~~~~ Night storm. ☁☁☁☁☁☁☁☁

The anticyclone spreading West will maintain mainly fair weather for a day or two. Some showers are however probable in the Northern districts and there is a risk of night frosts.

Mainly fair for  
a day or two.



# SYNOPTIC CHART FOR MORNING OF FRIDAY, AUGUST 20<sup>TH</sup> 1920.

Scale - 1:10,000,000

Nautical Miles  
Statute Miles



EXPLANATION.  
Numbers are drawn  
in millibars  
is shown by  
wind force, direction  
indicated by the  
velocity in knots  
is given in degrees  
of the wind.

Clouds -  
sky -  
fog -  
rain -  
hail -  
thunder -  
high -

fair for  
or two.

HIGH

Barometer

Rising

Falling

LOW

All times are G.M.T.

Add one hour to get Summer Time.

SYNOPTIC CODE FOR SURFACE VISIBILITY (PAGE 142)		
Objects not visible at	50 metres (or yards)	
Very Poor	200	"
Poor	1,000	"
Fair	2,000	"
Good	4,000	"
Very Good	7,000	(4.5 miles)
Excellent	12,000	(7.5 "
Exceptional visibility	20,000	(12.4 "

F.R.S. Director

W.H.D.



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No 233.

Today  
20th August 1920

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 19th																			
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night, 17h-19h.	Day, 19h-17h.	to 17h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. F.	Min. F.	Night, 17h-19h.	Day, 19h-17h.	to 17h.	Sunrise to Sunset.
Scotland.	Oban	bc. b	bc. c	60	40	-	-	10.1	8.1	England, N.W.	Douglas (I.O.M.)	bc.	bc.	57	47	0.1	-	7.4	5.1
	Banff	bc. p	bc. cp	62	48	4	2	0.4	3.4		Blackpool	bc.	bc.	59	43	-	-	8.8	1.1
	Montrose	bc.	c	57	45	-	-	4.1	6.5		Southport	bc. c. b	bc. p. b	57	43	-	0.1	4.0	0.0
	St. Andrews	bc.	c	58	40	-	-	5.4	4.4		MORECOMBE	bc.	bc.	57	51	-	-	-	-
England, E. & N.E.	Harrogate	bc. bc.	c. op	54	40	-	1	5.0	0.0	Midlands.	Buxton	bc. bc. b	bc. bc.	53	42	-	0.1	2.6	0.0
	Scarborough	bc.	op	62	48	1	6	4.2	0.3		Leamington Spa	c. b	or. cl	57	48	-	-	4.7	0.2
	Skegness	bc. bc.	c. c. c	53	44	1	-	4.4	0.0		Malvern	bc. bc.	bc.	61	45	-	-	8.4	0.0
	Lowestoft	or.	or. c	57	50	4	2	0.1	5.4		Bath	bc. bc. b	bc. b	61	48	2	-	5.4	0.0
England, S.E.	Felixstowe	or.	po. a	56	51	14	2	1.2	4.4	Wales.	Rhyl	or. c. bc.	bc.	57	46	12	2	4.5	0.6
	Southend-on-Sea	or. c. c	c. bc. bc.	60	48	21	8	2.8	4.1		Colwyn Bay	bc.	bc.	59	46	4	0.3	6.2	2.3
	Tunbridge Wells	c. c	bc. c. bc.	62	49	29	-	5.1	1.0		Llandudno	or. c	c. b. b	54	46	1	-	4.0	0.2
	Margate	or.	c. bc.	57	32	16	1	2.6	4.5		Aberystwyth	or. c	bc.	55	48	1	1	4.9	1.5
England, S.W.	Ramsgate	bc.	c. bc.	57	32	16	1	2.6	4.5	England, S.W.	Tenby	bc.	bc.	60	44	-	-	4.0	0.0
	Folkestone	bc. c	c	65	62	19	1	2.0	2.6		Swansea	bc.	bc.	61	46	-	-	10.6	0.0
	Hastings	or. c	c. c	61	50	39	1	2.6	2.3		Weymouth	bc.	bc.	66	49	9	-	9.0	0.2
	Eastbourne	or. c. c	c	64	50	28	1	4.0	2.1		Teignmouth	bc.	bc.	63	50	0.3	-	9.3	0.5
	Brighton	c. c	c	64	50	18	-	0.9	0.2		Torquay	bc. bc.	bc. b. bc.	63	48	1	-	9.3	0.2
	Worthing	c	c. bc.	61	50	13	-	6.8	0.3		Paignton	bc.	bc.	64	46	0.3	-	11.1	0.0
	Littlehampton	bc.	bc.	62	51	-	16	4.0	0.4		Penzance	bc.	bc.	61	51	1	-	10.0	0.2
	Portsmouth (S. Sea)	bc.	bc.	62	50	15	-	6.4	0.2		Newquay	bc.	bc.	57	52	0.3	-	8.4	1.6
	Bournemouth	bc.	bc.	62	49	10	-	10.0	0.2		Bude	bc.	bc.	59	48	2	-	8.8	1.8
	Vehnor (I. of W.)	bc.	bc.	63	49	18	-	8.4	2.5		Ilfracombe	bc. bc. b	bc. bc.	61	53	3	-	8.2	0.0
											Weston-s-Mare	bc.	bc.	60	50	3	-	-	-

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.				THE BEAUFORT SCALE OF WIND FORCE.																
STATIONS.		WEATHER.				TEMP.		RAINFALL.		SUN.		No.																		
		Th-11h AM	11h-11h PM	11h-11h PM	11h-11h PM	Max. Temp. F.	Min. Temp. F.	Day, 7h-11h	Night, 11h-7h	Hours.	Statute miles per hour.	Less than 1	1-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90
Renfrew		c. c	c. c. c	bc. cw	bc. cx	59	37	29	0.1	0.1	5.2	b blue sky (not more than a few clouds covered).				0														
Eskdalemuir		bc. bc	bc. c	bc. cw	bc. cx	56	36	28	0.3	0.1	7.3	bc sky partly cloudy (one half covered).				1														
Valencia (Cahen's)		bc. bc	bc. c	bc. c	bc. c	58	50	43	-	-	5.3	c generally cloudy (three quarters covered).				2														
Baldonnel		bc. bc	bc. c	bc. c	bc. c	57	39	-	1	-	7.5	d drizzle, or fine rain.				3														
Manchester (Alex. H.)		bc. bc	bc. c	bc. c	bc. c	58	42	34	3	6.0	-	e wet air without rain falling.				4														
Ross on Wye		bc. bc	bc. c	bc. c	bc. c	62	40	36	-	-	10.5	f fog, g gloom.				5														
Falmouth		bc. bc	bc. c	bc. c	bc. c	60	44	35	-	-	11.7	h hail, i lightning.				6														
Calshot (Hants)		bc. bc	bc. c	bc. c	bc. c	61	45	42	-	-	7.8	m mist, o overcast sky.				7														
Lymington (Folkestone)		bc. bc	bc. c	bc. c	bc. c	57	41	37	3	-	3.7	p passing showers.				8														
Aberdeen		bc. bc	bc. c	bc. c	bc. c	55	45	44	1	0.2	5.9	q squalls, r rain.				9														
Howden		bc. bc	bc. c	bc. c	bc. c	56	41	37	3	-	3.4	rs sleet, i.e., rain and snow together.				10														
Cranwell (Lincs)		bc. bc	bc. c	bc. c	bc. c	57	42	4	4	7	6.3	s snow, t thunder.				11														
Felixstowe		bc. bc	bc. c	bc. c	bc. c	57	44	4	4	4	7.1	u ugly, threatening sky.				12														
Shoeburyness		bc. bc	bc. c	bc. c	bc. c	59	44	43	2	0.1	2.6	v unusual visibility.																		
Benson		bc. bc	bc. c	bc. c	bc. c	59	36	31	0.1	-	-	w dew, x hoar frost.																		
S. Farnborough		bc. bc	bc. c	bc. c	bc. c	61	36	33	1	-	8.1	y dry air; humidity less than 60 per cent.																		
London (Kew Obs.)		bc. bc	bc. c	bc. c	bc. c	60	43	36	-	-	6.2	z dust haze; the turbid atmosphere of dry weather.																		
Croydon		bc. bc	bc. c	bc. c	bc. c	61	43	3	-	-	7.1	Capital letters indicate intensity, and repetition of letters continuity, thus:-																		
												R = heavy rain.																		
												rr = continuous moderate rain.																		
												r.t. = continuous light rain.																		

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).				TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.										
STATIONS.		WEATHER.			TEMP.		RAIN.		SUN.		HUMIDITY %		Vertical Component of Solar Radiation per Square Centimetre during yesterday		20th & 21st August 1920.									
		Morning.	Afternoon.	Night.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Rain-fall. mm.	Sun-shine to Sunset. Hours.	16 h. G.M.T.	9 h. G.M.T.	Stations.			Sunrise.		Noon.		Sunset.					
Greenwich (Royal Observatory)		c	c. c. bc	c. c. b	63	41	33	-	5.0	56	68	Total 1233 Joules. Average Rate 23.7 Maximum Rate 88		Yarmouth		4.45		11.55		4.45				
City (Bunhill Row)		bc.	bc.	bc.	42	35	-	5.8	49	69	Greenwich			4.55		12.3		4.55						
Westminster (St. James's Park)		bc.	bc.	bc.	42	35	-	5.9	49	69	Wick			4.49		12.15		4.49						
Camden Sq. (British Rainfall)		bc. c	bc. c	bc.	65	42	29	-	7.1	65		Valencia		5.26		12.46		5.26						
Kensington Palace		bc. c	bc. c	bc.	62	42	36	-	6.8 (18h)	64														
Hampstead Observatory		bc.	bc.	bc.	61	42	3	-	6.1	78														

Photographic Record of Pole Star (Polaris) and of 8 Ursae Minoris at Greenwich Observatory.

Exposure from 2.20 a.m. to 2.40 a.m.

Star.	Duration of Exposure.	Duration of Record.	%
Polaris	6.30	5.24	84
8 Ursae Minoris	6.30	4.40	73

NOTES ON THE WEATHER OF YESTERDAY.

Rainfall was heavy locally on the East Coast, Spurn Head having 19 mm and Yarmouth 13mm. Showers or slight rain fell in most other localities. Sunshine was most abundant in the West where 10 to 11 hours were enjoyed. Temperature was much below the normal, a maximum of 60° being reached at only a few stations. Slight ground frosts occurred in the South of Scotland.

## SUMMARIES FOR PAST 24 HOURS.

## BEAUFORT NOTATION.

## THE BEAUFORT SCALE OF WIND FORCE.

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.  
e wet air without rain falling.  
f fog, g gloom.  
h hail, i lightning.  
m mist, o overcast sky.  
p passing showers.  
q squalls, r rain.  
rs sleet, i.e., rain and snow together.  
s snow, t thunder.  
u ugly, threatening sky.  
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.

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

No.	Statute miles per hour.	Metres per second.
0	Less than 1	0.3-1.5
1	1-5	1.6-2.5
2	4-7	2.6-3.4
3	8-12	3.5-4.3
4	13-18	4.4-5.1
5	19-24	5.2-5.9
6	25-31	6.0-6.7
7	32-38	6.8-7.4
8	39-46	7.5-8.2
9	47-54	8.3-8.9
10	55-63	9.0-9.6
11	64-75	9.7-10.7
12	Above 75	10.8 or above

**SYMBOLS**—  
Aurora ☄ Solar halo ☉  
Rime ☄ Lunar halo ☉  
Glazed frost ☄ Solar corona ☉  
Glazed roads ☄ Lunar corona ☉

## LONDON OBSERVATIONS.

## WEATHER.

## TEMPERATURE.

## RAINFALL.

## SUNSHINE.

## HUMIDITY %.

## SOUTH KENSINGTON (Meteorological Office).

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

		24 HOURS ENDED WITH G.M.T. 20 <sup>th</sup>						HOURS. G.M.T.		G.M.T.		Vertical Component of Solar Radiation per Square Centimetre during yesterday	20 <sup>th</sup> & 21 <sup>st</sup> August							
								YESTERDAY.		TO-DAY.			Stations.		Sunrise.		Noon.		G.M.T.	
Greenwich (Royal Observatory)	C	C.	C.	C.	63	41	33	-	5.0	56	68	Total 1223 Joules. Milliwatts. Average Rate. 23.7 Maximum Rate. 88	Yarmouth...	{	G.M.T.		G.M.T.		G.M.T.	
City (Bunhill Row)	*	*	*	*	*	*	*	*	5.8	*	*				4.45		11.50		11.50	
Westminster (St. James's Park)	bc.	bc.	b.	42	35	-	-	59	49	69	4.46				11.50		11.50			
Camden Sq. (British Rainfall)	C	C.	C.	65	42	39	-	*	41	65	4.55				12.0		12.0			
Kensington Palace	bc.c	O.C.		62	42	36	-	*	58 (18h)	64		Average Rate. 23.7 Maximum Rate. 88	Wick	{	4.44		12.15		12.15	
Hampstead Observatory	bc.	C.	bc	61	42	*	-	6.1	*	78	5.04				12.40		12.40			

Photographic Record of		
Pole Star (Polaris) and of $\delta$ Ursae		
Minoris at Greenwich Observatory.		
Exposure from 2.40 a.m. to 3.0 a.m.		
to 3.0 a.m. to 3.15 a.m.		
Stars.	Duration of Exposure.	Duration of Record.
Polaris	6. 30	5. 24 84
$\delta$ Ursae	6. 30	4. 40 73
Minoris		

NOTES ON THE WEATHER OF YESTERDAY.

Rainfall was heavy locally on the East Coast, Spurn Head having 19 mm and Yarmouth 13mm. Showers or slight rain fell in most other localities. Sunshine was most abundant in the West where 10 to 11 hours were enjoyed. Temperature was much below the normal, a maximum of 60° being reached at only a few stations. Slight ground frosts occurred in the South of Scotland.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B. 86467 Saturday... 31st... August... 1920.

## OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.

STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND. Direc. Force 0-12.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND. Direc. Force 0-12.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.		
								Form.	Amt. 0-10.	Form.	Amt. 0-10.									Form.	Amt. 0-10.	Form.	Amt. 0-10.			
13H. G.M.T. 20th.																										
Renfrew ...	1020.2	-1	WNW	3	0	60	65	8	4200	Sc	4	A	0	1020.4	0	WNW	4	bc	59	65	8	4200	Sc	1	A	0
Esksdalemuir ...	1019.9	0	NW	3	c	56	55	7	3,000	Sc	4	C	1	1019.7	0	NW	3	c	56	65	7	-	Sc	7	-	-
Valencia (Cable'n)	1020.0	0	NW	2	CV	59	65	9	3,000	Sc	4	-	-	1020.3	0	NNW	3	bc	57	65	9	3,000	Sc	5	-	-
Baldonnell ...	1023.9	-1	N	3	0	57	78	7	4200	Sc	4	-	-	1024.3	0	NW	3	0	56	75	7	4200	Sc	10	-	-
MANCHESTER (M.O. at 1h)	1020.0	+2	N	4	02f	54	55	5	3,000	Sc	4	-	-	1020.7	+2	WNW	2	bc	54	65	4	5,700	Sc	5	-	-
Ross on Wye ...	1020.4	+1	NNW	2	c	62	55	9	4,200	Sc	8	-	-	1021.3	0	NW	3	bc	59	55	9	4,200	Sc	5	A	1
Falmouth ...	1024.1	+1	NW	4	cy	59	55	8	-	Sc	7	-	-	1024.5	0	NNW	4	bc	57	65	8	3,000	Sc	2	A	1
Calshot (Hants) ...	1021.2	-1	NNW	3	c	59	55	8	3,000	Sc	8	-	-	1021.1	0	W	3	bc	60	65	8	3,000	Sc	4	-	-
Lymington (Folkestone)	1019.3	+3	NW	4	bc	59	55	8	4200	Sc	4	A	1	1011.9	0	W	3	cy	55	65	7	4200	Sc	3	A	1
Aberdeen ...	1018.2	0	NW	5	0	52	65	8	2,000	Sc	10	-	-	1019.1	0	NW	5	0	57	65	8	2,000	Sc	9	-	-
Howden ...	1018.9	+1	NNW	4	09	54	65	8	4200	Sc	8	A	2	1019.4	0	NW	4	0	55	65	8	4200	Sc	6	A	4
Cranwell (Lincs) ...	1019.1	+2	NNW	4	c	56	65	7	4200	Sc	6	A	1	1020.2	+1	NW	3	c	54	65	7	4200	Sc	6	A	2
Felixstowe ...	1019.8	+2	W	4	c	57	65	8	3,000	Sc	8	-	-	1019.8	+1	W	3	0	56	65	7	2,000	Sc	8	A	2
Shoeburyness ...	1019.2	+2	NW	2	cy	59	55	7	3,000	Sc	4	A	3	1019.8	+1	W	1	0	57	65	6	4,200	Sc	7	A	2
Benson ...	1019.5	0	NW	3	c	60	55	7	-	Sc	8	-	-	1020.6	0	NNW	3	bc	57	65	7	-	Sc	4	-	-
S. Farnborough ...	1020.3	+1	NW	2	0	61	55	8	3,000	Sc	7	A	3	1020.6	0	NW	2	bc	58	75	7	3,000	Sc	5	-	-
London (Kew Obs.) ...	1020.3	+1	WSW	1	0	58	75	5	4200	Sc	8	A	2	1020.4	0	NW	2	0	59	65	5	5,700	Sc	3	A	6
Croydon ...	1020.5	+2	W	3	01f	54	75	6	4200	Sc	9	A	1	1020.5	+1	NW	1	cy	57	65	7	3,000	Sc	4	A	3
1H. G.M.T. OF 21st.																										
Renfrew ...	1021.8	0	-	0	bc	55	-	-	-	-	-	-	1022.1	0	W	2	01f	47	85	7	2,200	Sc	4	A	5	
Esksdalemuir ...	1021.9	+1	NNW	2	bc	55	-	-	-	-	-	-	1021.4	0	-	0	21f	47	85	5	-	-	-	-	-	
Valencia (Cable'n)	1025.9	+2	NNW	2	0	57	85	5	2,000	Sc	10	-	-	1025.0	0	NNW	2	bc	54	65	9	5,700	Sc	9	-	-
Baldonnell ...	1025.9	+2	NNW	2	0	57	85	5	2,000	Sc	10	-	-	1025.4	0	NNW	2	0	54	65	9	5,700	Sc	9	-	-
MANCHESTER (M.O. at 1h)	1020.0	-1	-	-	-	-	-	-	-	-	-	-	1020.8	-1	NNW	3	02f	52	85	3	2,000	Sc	6	A	2	
Ross on Wye ...	1026.0	c	NW	2	c	50	92	7	-	Sc	7	-	-	1022.5	0	NW	2	c	53	75	8	3,000	Sc	6	A	1
Falmouth ...	1023.4	+1	NW	2	b	48	92	8	-	-	-	-	-	1025.3	0	NNW	2	0	55	85	7	-	Sc	9	-	-
Calshot (Hants) ...	1021.5	0	NW	3	bc	44	97	6	-	-	-	-	-	1022.9	0	NW	2	01f	51	85	7	4200	Sc	10	-	-
Lymington (Folkestone)	1021.5	0	NW	3	bc	44	97	6	-	-	-	-	-	1020.7	0	NW	4	bc	44	97	5	-	-	-	-	-
Aberdeen ...	1020.3	0	-	0	c	48	92	6	3,000	Sc	4	A	3	1019.5	0	NW	4	01f	50	92	8	2,000	Sc	9	-	-
Howden ...	1019.7	0	WNW	3	bc	48	92	5	3,000	Sc	4	A	2	1019.8	0	NW	3	b	50	85	8	3,000	Sc	2	A	1
Cranwell (Lincs) ...	1019.7	0	WNW	3	bc	48	92	5	3,000	Sc	4	A	2	1020.3	0	NNW	4	02f	51	92	5	2,000	Sc	10	-	-
Felixstowe ...	1019.8	0	WNW	3	bc	48	92	5	3,000	Sc	4	A	2	1019.8	0	WSW	4	03f	50	92	5	4,200	Sc	10	-	-
Shoeburyness ...	1019.8	0	WNW	3	bc	48	92	5	3,000	Sc	4	A	2	1020.7	0	W	2	bc	50	85	5	-	-	-	-	-
Benson ...	1021.1	0	WNW	1	b	46	97	5	-	-	-	-	-	1021.1	0	WNW	1	b	46	97	5	-	-	-	-	-
S. Farnborough ...	1022.0	0	WNW	2	b	47	92	7	9,000	-	-	-	-	1022.0	0	WNW	2	b	47	92	7	9,000	-	-	-	-
London (Kew Obs.) ...	1021.7	0	W	1	bc	48	85	5	-	-	-	-	-	1021.7	0	W	1	bc	48	85	5	-	-	-	-	-
Croydon ...	1021.2	0	WNW	2	bc	48	85	6	-	-	-	-	-	1021.2	0	WNW	2	bc	48	85	6	-	-	-	-	-

## STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.

STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.	
			Direc.	Force 0-12.		Temp.	Change in 24 hours.	Direc.	Force 0-12.	Max. °F.	Min. °F.					Morning.	Afternoon.	Night.				
			12H. G.M.T. of 20th.																			
7th. G.M.T. of 21st.																	24 HOURS ENDED 7th. 21st.					20th.
Lerwick	1017.6	51	N	4	cmg	1018.8	0	51	+1	N	6	N	bc.g	4	-	52	47	cm	cmg	c.g.	1.8	
Stornoway	1020.6	52	N	4	0	1023.8	0	52	+2	NW	2	-	bc.g	1	-	56	50	0	0	0	1.6	
Castell Bay (Barra)	1024.9	42	NNW	1	0	1025.2	0	52	+1	NW	3	-	0	2	-	56	50	0	0	0	1.5	
Main Head	1028.9	34	NW	3	0	1024.5	0	53	+1	NNW	3	-	0	3	-	54	49	bc	c	0	2.4	
Blackod Point	1026.2	56	NNW	1	c	1025.8	-1	53	0	-	0	-	bc	1	-	59	48	bc	bc	c.bc	*	
Roche's Point	1026.4	58	NNW	2	0	1027.4	0	53	+1	NW	2	-	0	1	-	62	50	b.bc	bc.cm	c.0	*	
Birr Castle	1025.4	57	NW	1	0	1026.1	*	51	+4	NW	1	-	0	*	-	59	46	c.0	c.0	0	2.6	
Donaghadee	1022.5	56	N	3	cmg	1023.1	0	53	+1	N	3	-	CV	3	-	59	51	bcg	bcg	bc.cm	*	
Liverpool (Bishop)	1021.5	54	WNW	4	0	1021.2	0	52	+4	WNW	5	W	0	5	-	57	52	bc	0	c.g.	8.9	
Holyhead	1023.0	55	NW	3	09	1023.4	-1	53	0	NNW	5	-	09	4	-	57	52	c	c.09	c.09	5.0	
Fernbrook (St. Mary's)	1024.8	55	NW	2	01	1025.3	0	53	+1	NNW	3	-	01	2	-	58	52	cv	cv	0.1	9.1	
Jersey (St. Aubin)	1023.9	55	N	2	bc	1026.4	-1	56	+1	NNW	3	NW	CV	0	-	60	53	bc.bv	b.bv	b.bc.c	8.5	
Portland Bill	1023.9	59	WNW	2	0	1026.1	0	52	-4	NW	3	NW	bc	2	-	63	48	b	b	b.w.bc	12.7	
Dunageess	1021.8	60	WNW	4	bc	1023.7	+2	58	+1	NW	4	NW	0	4	-	62	49	b	bc	bc.0	*	
Wick	1019.5	58	W	3	bc	1020.6	0	47	0	NW	3	-	b	3	-	62	39	bc.c	c.bc	c.b.	*	
Nairn	1018.2	57	WNW	3	0	1020.6	0	51	+2	NNW	3	-	cmg	4	-	52	48	c.09	c.09	0.9.	*	
Leith	1021.6	58	NNW	3	c	1021.8	*	52	+5	NNW	2	-	c.g.	2	-	58	46	c.bc	bc.c	c.u	2.5	
Glasgow	1018.5	59	NNW	3	b	1020.5	0	52	+3	NW	2	NW	c	2	-	61	51	c.bc	b	b.b.c	*	
Glasgow Head	1018.3	58	N	4	bc	1019.1	0	50	+1	NW	4	-	0.1m	5	-	53	49	bc.m	bc.m	cmg	*	
Glasgow (Dor. station)	1017.9	54	NW	6	cmg	1017.1	0	52	+2	NW	6	-	c.g.	5	-	54	47	bcg	c.g.	c.g.	*	
Glasgow-on-Sea	1017.9	54	NW	3	c	1017.6	-1	50	0	NNW	4	-	cm	1	2	58	50	c.bcm	cm	cm.bcm	4.8	
Nottingham	1018.9	57	WNW	3	0	1019.8	0	50	+2	NNW	3	NW	03	2	-	59	47	bc.g	bc.g	09.c.g.	8.1	
	1020.2	55	NW	2	c	1020.3	*	52	+7	NNW	2	NW	0.1m	*	-	58	45	c.0m	0.0	c.0	4.6	



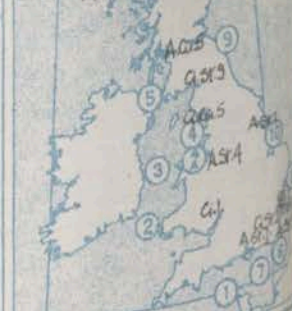
# SUMMARY OF CONDITIONS AT 7 h. G.M.T. 21.8.20.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Fine, misty.	Fair.	Smooth
2. E. England	Dull, misty.	Indiff	"
3. E. Midlands	Dull, misty.	"	"
4. W. Midlands	Dull, drizzle, gloomy.	V. Poor	"
5. S.W. England	Dull.	Good.	Calm.
6. South Wales	Dull.	V. Good	Smooth
7. North Wales	Dull, gloomy.	Indiff	Mod.
8. N.W. England	Dull, misty.	Fair	Slight
9. N. Midlands	Fair, misty.	Indiff	"
10. N.E. England	Dull, misty, squally.	V. Good	R. Rough
11. E. Scotland	Dull, shpvery, squally.	"	Mod.
12. S.W. Scotland	Dull, misty.	Indiff	Slight
13. Isle of Man	Dull.	Fair.	"
14. N. & N.W. Scotland	Dull, gloomy.	"	"
15. Hebrides	Dull.	"	Smooth
16. Orkneys and Shetlands	Fair, squally.	Good.	Mod.
17. N.W. Ireland	Fair.	"	V. Smooth
18. N.E. Ireland	Dull.	V. Good	Slight
19. S.E. Ireland	Dull.	Fair.	V. Smooth
20. S.W. Ireland	Exceptionally clear.	Excltt.	Slight.

Temperature reported from Coastal and Cross Channel Steamers

Position Number.	Date	Time G.M.T.	Sea ° F	Air ° F
74	20 <sup>th</sup>	0315	59	53
12	20 <sup>th</sup>	0357	52	48
4	20 <sup>th</sup>	0300	59	53
5	20 <sup>th</sup>	0810	54	55
3	20 <sup>th</sup>	0925	55	53.5
1	20 <sup>th</sup>	1120	59	57.
2	21 <sup>st</sup>	0100	56	55
14	21 <sup>st</sup>	0145	56	58
7	21 <sup>st</sup>	0300	59	56

CHART OF POSITION NUMBERS and Upper Cloud.



Upper Cloud and Isallobars.



Lower Cloud.



GENERAL INFERENCE from observations received up to 9h. G.M.T.

The depression over the North Sea is increasing in intensity and winds are likely to continue Northwesterly except on the Northwestern Seaboard where a change to West or Southwest is probable. Over most of the kingdom fair but cool weather is likely to prevail during the next day or two.

EXPLANATION.  
 BAROMETER.—Isobars are drawn at intervals of two millibars.  
 WIND.—Direction is shown by the arrow pointing in the direction the wind is blowing from. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in feet per hour by figures in square circles.  
 TEMPERATURE.—Is given in degrees Fahrenheit.  
 WEATHER SYMBOLS.—  
 Clear sky. ☉  
 Sky 1/4 clouded. ☁  
 Sky 1/2 clouded. ☁  
 Overcast sky. ☁  
 Snow. ❄  
 Thunder. ⚡  
 Rain. ☔  
 Fog. 🌫  
 Sea Disturbance.—  
 Rough. 🌊  
 High. 🌊

Further Outlook.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday. 21. 8. 20.
1. S.E. England	Wind NW moderate; mainly fair; morning mist, visibility good during day; cool, risk of night frost.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Moderate or fresh NW wind. Mainly fair, some local showers; visibility fair, local mist; cool, risk of night frost.
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Wind Westerly light or moderate; fair or cloudy, local showers, visibility fair; rather cool, risk of night frost.
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	Wind W or SW, moderate; cloudy or overcast, some rain or showers, visibility fair; rather warmer.
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

As for 12-13.

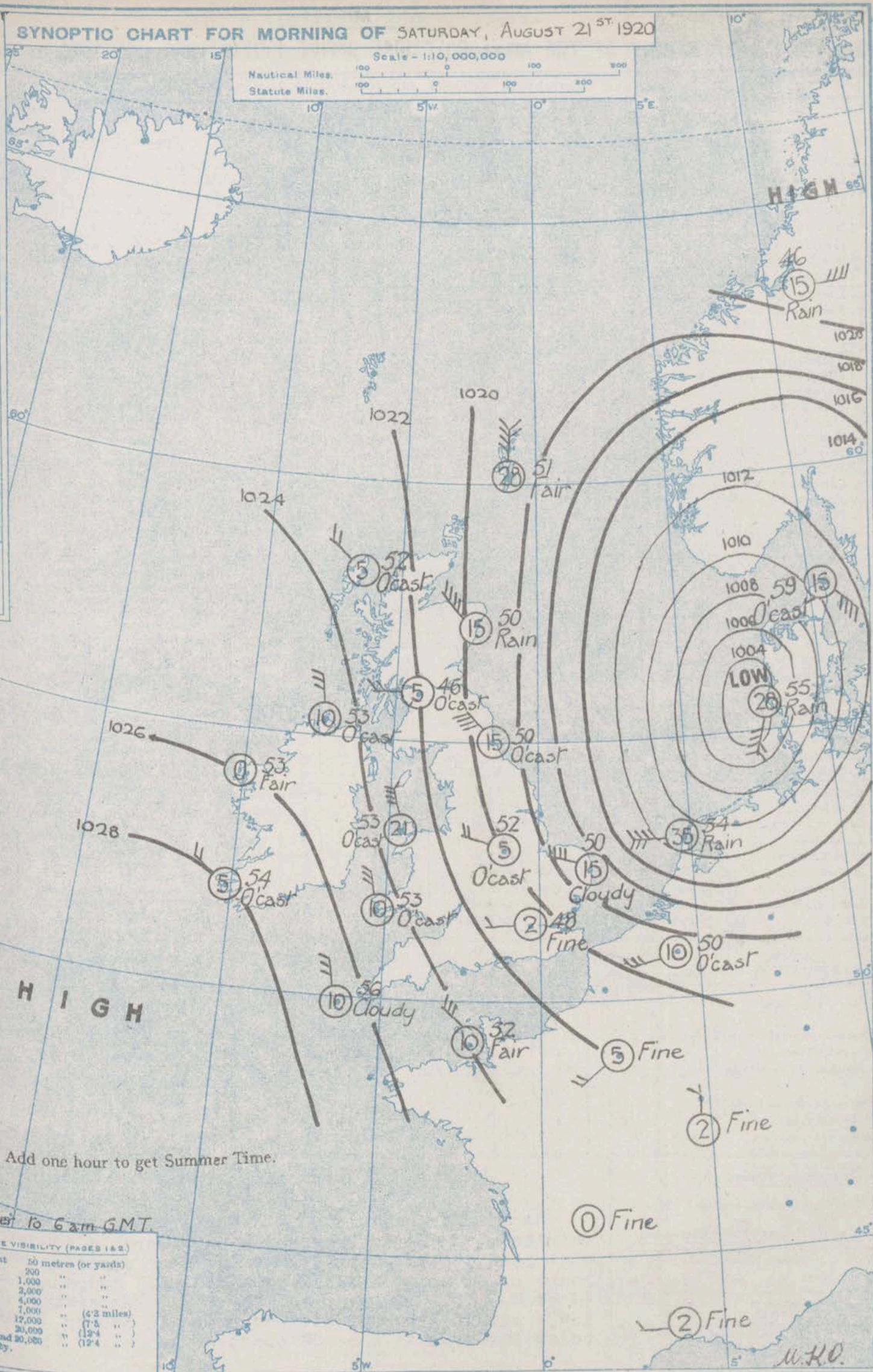
Scotland and Ireland.  
 Wind becoming Westerly, some rain or showers.  
 Other Districts.  
 Mainly fair for a day or two.



SYNOPTIC CHART FOR MORNING OF SATURDAY, AUGUST 21<sup>ST</sup> 1920

Scale - 1:10,000,000

Nautical Miles.  
Statute Miles.



# HIGH

Add one hour to get Summer Time.

for France refer to 6 am G.M.T.

FRANCE refer to 6 am GM

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)

Objects not visible at	50 metres (or yards)		
Very Poor	200		
Poor	1,000	"	"
Fair	2,000	"	"
Good	4,000	"	"
Very Good	7,000	"	(2 miles)
Excellent	12,000	"	(7.5 " )
Subjects visible beyond 20,000	20,000	"	(12.4 " )
Exceptional visibility	30,000	"	(12.4 " )

Y.R.S. Director



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. NO 224.

Saturday  
21st August 1920

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 20th																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-19h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-19h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.
Scotland.	Oban ...	bc	b	60	39	-	-	9.3	10.4	England, N.W.	Douglas (I.O.M.)	b	b	54	47	-	-	11.2	7.4
	Banff ...	o	o	52	47	-	-	0.1	0.4		Blackpool ...	bc	b	58	43	-	-	9.8	8.8
	Montrose ...	o. bc	bc	58	46	-	-	4.2	7.2		Southport ...	b. bc. b	b	54	47	-	-	0.4	7.2
	St. Andrews ...	o	c	60	41	-	-	0.3	6.6		Morecambe	b	b	60	53	-	-	1.0	8.2
England, N.E.	Harrogate ...	c. bc	b. bc. c	56	41	2	-	3.4	5.1	Midlands.	Buxton ...	bc. bc	o. bc. c	54	41	2	-	5.0	5.1
	Scarborough ...	o	o	58	48	1	-	0.0	4.4		Leamington Spa...	o. b	o. b	62	44	-	-	8.1	10.6
	Skegness ...	o. c. o	o	56	45	6	-	3.4	7.7		Malvern ...	bc	bc	62	45	0.3	-	1.2	9.2
England, E.	Lowestoft ...	c. bc. o	c. o	56	45	7	-	4.4	0.1	Wales.	Bath ...	b. bc	b. o. bc. b	62	40	-	-	3.6	6.9
	Felixstowe ...	bc	c	60	47	2	-	8.2	1.4		Rhyl ...	c. bc	bc. c	54	47	6	-	5.9	6.9
	Southend-on-Sea...	bc	bc. c. o	62	43	Trace	-	7.7	3.3		Colwyn Bay ...	b	b	64	54	-	-	6.4	8.0
England, S.E.	Tunbridge Wells	b. bc	bc. c. bc	61	41	-	-	6.9	3.6	England, S.W.	Llandudno ...	c. b	b. bc	58	52	-	-	7.0	5.5
	Margate ...	b. bc	c	60	44	2	-	7.1	2.7		Aberystwyth ...	o. c. b	b. bc	56	43	-	-	8.3	7.9
	Ramsgate ...	b	b	61	47	2	-	8.8	2.8		Tenby ...	bc	bc	60	40	-	-	8.2	9.2
	Folkestone ...	cc	c	60	45	-	-	10.5	2.0		Swansea ...	b	b	62	56	-	-	7.2	12.1
	Hastings ...	b	b. bc	62	41	-	-	8.8	2.8		Weymouth ...	b. bc	bc	64	44	-	0.2	10.4	11.0
	Eastbourne...	bc	bc. bc	62	45	-	2	7.7	4.0		Teignmouth ...	b	b	64	44	-	-	10.4	11.0
	Brighton ...	o. bc	bc. c	63	43	-	-	7.9	6.3		Torquay ...	wb. bc	bc	65	45	-	-	9.2	10.6
	Worthing ...	bc	c. bc	62	43	-	-	9.6	7.2		Paignton ...	bc	bc	65	45	-	-	8.3	12.2
	Littlehampton ...	bc	bc	62	40	-	-	6.2	6.4		Penzance ...	o. bc	bc	62	49	-	-	8.0	11.9
	Portsmouth (S. Sea)	b	b	61	45	-	-	8.7	7.7		Newquay ...	bc. bc	bc	58	52	-	-	7.6	9.4
	Bournemouth ...	b	b	62	42	-	-	8.5	11.2		Bude ...	b	b	59	38	Trace	-	7.5	10.9
	Ventnor (I. of W.)	b	b	61	44	-	-	9.8	9.2		Ilfracombe ...	bc. c	c. bc. b	60	51	-	-	8.0	9.0
										Weston-s-Mare ...	b. bc	bc. c. bc	62	45	-	-			

SUMMARIES FOR PAST 24 HOURS.													
STATIONS.		WEATHER.				Max. Temp. F.		Min. Temp. F.		Min. on Grass. F.		Rainfall.	
		7h-12h.	12h-18h.	18h-24h.	24h-7h.	Temp. F.	Temp. F.	Temp. F.	Temp. F.	Temp. F.	Temp. F.	Day. 7h-18h.	Night. 18h-7h.
Renfrew ...		c. o. c. o	b. bc	b. bc. v.	b. bc. c. o	63	43	33	33	33	33	11.5	7.8
Eskdalemuir ...		c. o. b. bc	bc. c	bc. c. bc	bc. c. bc	60	39	33	33	33	33	6.1	4.5
Valencia (Cahire) ...		bc. bc	bc. bc. bc	b. bc. c.	c. o.	59	31	46	46	46	46	1.5	1.5
Baldonnel ...		o	o	o	o	58	4.5	-	-	-	-	-	-
MANCHESTER (AERIAL) ...		o. bc. o	o. bc. bc	b. o. bc	o. bc. f.	56	43	34	34	34	34	7.1	9.3
Ross on Wye ...		bc. bc. bc	bc. bc	bc. c. o	b. bc. c. o	64	48	41	41	41	41	8.8	10.1
Falmouth ...		c. o. P. H.	c. o. c. o. bc	bc. bc. c.	c. o.	60	47	39	39	39	39	8.2	7.4
Calshot (Hants) ...		b. bc. c	bc. c. bc	b. bc. b.	b. bc. c.	62	45	-	-	-	-	1.5	1.5
Lymington (Folkestone) ...		b. bc. bc	bc. bc. bc	c. o. b.	b. bc. bc	59	41	35	35	35	35	1.5	1.5
Aberdeen ...		c. o. o	o. g.	o. g.	o. g.	53	48	47	47	47	47	1.5	1.5
Howden ...		q. v.	c. o. g.	c. o.	w. f. c.	57	44	40	40	40	40	3.7	6.7
Cranwell (Lincoln) ...		bc. c. o	c. o. f.	bc. c. o.	bc. c. o. f.	57	47	-	-	-	-	6.7	7.4
Felixstowe ...		b. bc. c	c. bc	o	f. o	60	48	-	-	-	-	7.4	7.4
Shoeburyness ...		b. bc. c	bc. c. c. o	u. c. o.	bc. bc. bc	62	44	39	39	39	39	7.4	7.4
Benson ...		b	bc. c. bc. c	b. bc. bc	b. bc. bc	62	36	31	31	31	31	7.1	7.1
S. Farnborough ...		c. o. c. o	c. o. f.	b. bc.	b. bc.	65	38	33	33	33	33	7.1	7.1
London (Kew Obs.) ...		b. bc. bc	c. o	b. bc.	b. bc.	61	41	35	35	35	35	2.8	2.8
Croydon ...		bc. bc. bc	bc. bc. bc	b. bc. bc	bc. bc. bc	60	44	-	-	-	-	7.1	7.1

LONDON OBSERVATIONS.													
STATIONS.		WEATHER.				Max. Temp. F.		Min. Temp. F.		Min. on Grass. F.		Rainfall.	
		Morning.	Afternoon.	Night.	24 HOURS ENDED 21st G.M.T. 21st	Temp. F.	Temp. F.	Temp. F.	Temp. F.	Temp. F.	Temp. F.	Day. 7h-18h.	Night. 18h-7h.
Greenwich (Royal Observatory)		b. bc. c. o	c	c. bc. c	63	42	29	-	-	-	-	5.5	6.1
City (Bunhill Row)		b	b	b	62	42	35	-	-	-	-	5.5	6.1
Westminster (St. James's Park)		b	b	b	62	42	35	-	-	-	-	5.5	6.1
Camden Sq. (British Rainfall)		bc. c	c. o. c	-	64	41	39	-	-	-	-	6.5	7.1
Kensington Palace		bc. c	bc. c	-	61	42	37	-	-	-	-	6.0 (8h)	7.2
Hampstead Observatory		c. o. f.	b	b	60	41	-	-	-	-	-	5.2	7.1

SOUTH KENSINGTON (Meteorological Office).													
STATIONS.		WEATHER.				Max. Temp. F.		Min. Temp. F.		Min. on Grass. F.		Rainfall.	
		Morning.	Afternoon.	Night.	24 HOURS ENDED 21st G.M.T. 21st	Temp. F.	Temp. F.	Temp. F.	Temp. F.	Temp. F.	Temp. F.	Day. 7h-18h.	Night. 18h-7h.
Greenwich		b. bc. c. o	c	c. bc. c	63	42	29	-	-	-	-	5.5	6.1
City		b	b	b	62	42	35	-	-	-	-	5.5	6.1
Westminster		b	b	b	62	42	35	-	-	-	-	5.5	6.1
Camden Sq.		bc. c	c. o. c	-	64	41	39	-	-	-	-	6.5	7.1
Kensington Palace		bc. c	bc. c	-	61	42	37	-	-	-	-	6.0 (8h)	7.2
Hampstead Observatory		c. o. f.	b	b	60	41	-	-	-	-	-	5.2	7.1

Photographic Record of Pole Star (Polaris) and of 8 Ursae Minoris at Greenwich Observatory.

Exposure from 2.29h. 45m. to 2.30h. 12m.

Stars.	Duration of Exposure.	Duration of Record.	%
Polaris	h. m.	h. m.	44
8 Ursae Minoris	h. m.	h. m.	45

Information for these columns not usually received.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B. 24458

Sunday... 22nd August... 1920.

## OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 15H.

STATIONS.	Barom. at M.S.L. mb.	1 Change in 3 hours.	Wind. Direc. Force 0-12.	Weather.	Temp. °F.	Humidity. %	Visibility. 0-3.	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Form.	Sea. 0-3.	Barom. at M.S.L. mb.	1 Change in 3 hours.	Wind. Direc. Force 0-12.	Weather.	Temp. °F.	Humidity. %	Visibility. 0-3.	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Form.	Sea. 0-3.						
12H. G.M.T. of 21st.																												
Renfrew ...	1020.5	-1	NW	3	60	85	8	3000	Sc	6	2	1020.1	0	N	4	0	85	85	9	4000	Sc	4	1					
Eskaideuir ...	1019.4	-1	NW	4	60	85	8	3000	Sc	4	2	1019.3	0	N	1	0	85	85	7	3000	Sc	4	2					
Valencia (Cable's) ...	1021.1	0	W	2	60	85	8	3000	Sc	4	2	1020.0	-2	W	2	0	85	85	9	3000	Sc	4	1					
Baldonnel ...	1020.7	-1	NW	3	60	85	8	3000	Sc	4	2	1021.2	-1	W	2	0	85	85	7	3000	Sc	4	1					
Didsbury ...	1020.1	-1	NW	3	60	85	8	3000	Sc	4	2	1019.1	-1	NW	3	0	85	85	5	3000	Sc	4	1					
Ross on Wye ...	1021.4	-2	NW	4	60	85	8	3000	Sc	4	2	1020.8	-1	NW	2	0	85	85	8	3000	Sc	4	1					
Falmouth ...	1020.2	0	NW	3	60	85	8	3000	Sc	4	2	1020.3	-1	NW	3	0	85	85	7	3000	Sc	4	1					
Calshot (Hants) ...	1021.4	0	NW	3	60	85	8	3000	Sc	4	2	1019.9	-2	WNW	3	0	85	85	6	3000	Sc	4	1					
Lymington (Folkestone) ...	1019.3	-2	W	4	60	85	8	3000	Sc	4	2	1018.4	-1	W	3	0	85	85	7	3000	Sc	4	1					
Aberdeen ...	1018.9	0	NW	4	60	85	8	3000	Sc	4	2	1019.2	0	NW	4	0	85	85	7	3000	Sc	4	1					
Howden ...	1018.7	0	N	5	60	85	8	3000	Sc	4	2	1018.3	-4	N	1	0	85	85	6	3000	Sc	4	1					
Cranwell (Lincs) ...	1019.5	-3	NW	5	60	85	8	3000	Sc	4	2	1019.0	-4	NW	4	0	85	85	7	3000	Sc	4	1					
Felixstowe ...	1018.3	-1	WSW	4	60	85	8	3000	Sc	4	2	1017.8	-1	WSW	4	0	85	85	6	3000	Sc	4	1					
Shoeburyness ...	1019.3	0	NW	3	60	85	8	3000	Sc	4	2	1019.0	-2	WNW	1	0	85	85	6	3000	Sc	4	1					
Benson ...	1021.7	0	NW	3	60	85	8	3000	Sc	4	2	1020.9	-1	NW	3	0	85	85	7	3000	Sc	4	1					
S. Farnborough ...	1020.9	-1	NW	3	60	85	8	3000	Sc	4	2	1019.4	-2	WNW	2	0	85	85	7	3000	Sc	4	1					
London (Row Ob.) ...	1020.4	-3	W	2	60	85	8	3000	Sc	4	2	1018.7	-4	WSW	2	0	85	85	7	3000	Sc	4	1					
Croydon ...	1020.6	0	NW	4	60	85	8	3000	Sc	4	2	1018.5	-1	NW	5	0	85	85	7	3000	Sc	4	1					
7H. G.M.T. of 22nd.																												
Renfrew ...	1019.1	-1	N	4	60	85	8	3000	Sc	4	2	1019.6	0	-	0	60	85	8	-	-	-	-						
Eskaideuir ...	1018.3	0	NW	2	60	85	8	3000	Sc	4	2	1019.2	-1	N	2	0	85	85	8	-	-	-						
Baldonnel ...	1021.3	0	NW	2	60	85	8	3000	Sc	4	2	1020.8	0	NW	2	0	85	85	6	3000	Sc	4	1					
Didsbury ...	1020.1	-1	NW	3	60	85	8	3000	Sc	4	2	1019.6	0	NW	2	0	85	85	6	3000	Sc	4	1					
Ross on Wye ...	1021.4	-2	NW	4	60	85	8	3000	Sc	4	2	1018.4	-1	NW	2	0	85	85	8	3000	Sc	4	1					
Falmouth ...	1020.2	0	NW	3	60	85	8	3000	Sc	4	2	1020.0	0	NW	3	0	85	85	7	3000	Sc	4	1					
Calshot (Hants) ...	1021.4	0	NW	3	60	85	8	3000	Sc	4	2	1019.7	0	NW	3	0	85	85	7	3000	Sc	4	1					
Lymington (Folkestone) ...	1019.3	-2	W	4	60	85	8	3000	Sc	4	2	1018.0	0	NW	3	0	85	85	7	3000	Sc	4	1					
Aberdeen ...	1018.9	0	NW	4	60	85	8	3000	Sc	4	2	1019.6	1	NW	3	0	85	85	7	3000	Sc	4	1					
Howden ...	1018.7	0	NW	5	60	85	8	3000	Sc	4	2	1018.2	0	NW	5	0	85	85	7	3000	Sc	4	1					
Cranwell (Lincs) ...	1019.5	-3	NW	5	60	85	8	3000	Sc	4	2	1018.3	0	NW	5	0	85	85	7	3000	Sc	4	1					
Felixstowe ...	1018.3	-1	WSW	4	60	85	8	3000	Sc	4	2	1017.8	-1	WSW	4	0	85	85	6	3000	Sc	4	1					
Shoeburyness ...	1019.3	0	NW	3	60	85	8	3000	Sc	4	2	1019.0	-2	NW	1	0	85	85	6	3000	Sc	4	1					
Benson ...	1021.7	0	NW	3	60	85	8	3000	Sc	4	2	1020.9	-1	NW	3	0	85	85	7	3000	Sc	4	1					
S. Farnborough ...	1020.9	-1	NW	3	60	85	8	3000	Sc	4	2	1019.4	-2	NW	2	0	85	85	7	3000	Sc	4	1					
London (Row Ob.) ...	1020.4	-3	W	2	60	85	8	3000	Sc	4	2	1018.7	-4	WSW	2	0	85	85	7	3000	Sc	4	1					
Croydon ...	1020.6	0	NW	4	60	85	8	3000	Sc	4	2	1018.5	-1	NW	5	0	85	85	7	3000	Sc	4	1					
STATIONS CONTRIBUTING REPORTS AT 7H. AND 15H.																												
STATIONS.	Barom. at M.S.L. mb.	Temp. °F.	Wind. Direc. Force 0-12.	Weather.	Baromet. at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Wind. Direc. Force 0-12.	Upper Cloud.	Sea. 0-3.	Rainfall mm.	Temp.		WEATHER.				Sunshine Hours.									
													Max. °F.	Min. °F.	Morning.	Afternoon.	Night.											
15H. G.M.T. of 21st.																			7H. G.M.T. of 22nd.				24 HOURS ENDED 7H. 22nd.				21st.	
Lerwick ...	1019.5	53	N	4	cmg	1018.5	0	51	0	NW	2	0	0.0	53	48	50	cmg	cmg	cmg	4								
Sornoway ...	1020.1	54	NW	2	0	1020.5	-1	52	0	W	2	0	0	56	44	50	0	0	0	0.1								
Caithness (Barra) ...	1020.6	53	NW	3	0	1021.4	0	53	-1	NW	0	0	0	58	49	50	0	0	0	0.0								
Malin Head ...	1020.3	53	NW	2	0	1021.0	0	54	-1	NW	2	0	0	55	49	50	0	0	0	0.0								
Roche's Point ...	1020.1	52	W	3	0	1020.4	0	56	-3	W	2	0	0	56	53	50	0	0	0	0.0								
Birr Castle ...	1020.2	51	NW	3	0	1020.4	0	56	-1	NW	2	0	0	57	53	50	0	0	0	0.0								
Donaghadee ...	1020.9	56	NW	1	0	1020.1	0	54	13	W	1	0	0	58	50	50	0	0	0	0.0								
Liverpool (Miston) ...	1021.5	54	N	3	cmg	1019.9	-1	57	-2	WNW	3	0	0	54	51	50	cmg	cmg	cmg	0.0								
Holyhead ...	1019.5	54	WNW	5	0	1018.3	0	53	-1	NW	3	0	0	54	49	50	0	0	0	2.1								
Pembroke (St. Mary's) ...	1020.1	55	NW	6	0	1018.3	0	53	0	N	5	0	0	55	51	50	0	0	0	0.0								
Scilly (St. Mary's) ...	1020.1	54	NW	2	0	1020.1	-1	54	-1	NW	3	0	0	55	53	50	0	0	0	0.0								
Jersey (St. Aubin) ...	1020.4	56	N	3	0	1022.7	-1	56	0	N	3	0	0	60	53	50	0	0	0	1.0								
Portland Bill ...	1022.7	59	WNW	4	0	1019.7	-1	61	15	WNW	3	0	0	63	51	50	0	0	0	3.0								
Dungeness ...	1021.7	58	WNW	5	0	1018.4	0	54	-1	NW	5	0	0	62	47	50	0	0	0	0.0								
Wick ...	1018.2	57	WNW	4	0	1015.3	-1	52	-2	W	3	0	0	62	44	50	0	0	0	0.0								
Nairn ...	1020.2	51	WNW	3	0	1019.4	-1	49	-2	WNW	2	0	0	54	48	50	0	0	0	0.0								
Leith ...	1021.1	51	NW	2	0	1020.6	0	50	-2	W	2	0	0	56	48	50	0	0	0	0.0								
Glenelg ...	1019.5	50	NW	2	0	1019.2	0	53	-2	W	2	0	0	57	49	50	0	0	0	0.0								
Yarmouth ...	1019.3	53	WNW	4	0	1018.8	-1	52	-2	N	4	0	0	54	50	50	0	0	0	0.0								
Falmouth ...	1020.3	53	WNW	7	0	1018.2	0	54	-2	NW	6	0	0	56	48	50	0	0	0	0.0								
London (Row Ob.) ...	1019.7	53	W	4	0	1018.2	-1	53	-2	WNW	3	0	0	57	48	50	0	0	0	1.0								
Nottingham ...	1018.3	51	WNW	3	0	1015.3	0	54	-2	NW	3	0	0	61	49	50	0	0	0	2.2								

\* Information for these columns not usually received.

+ The barometre change is expressed in half millibars.

§ For code see page 3



## Temperature reported from Coastal and Cross Channel Steamers.

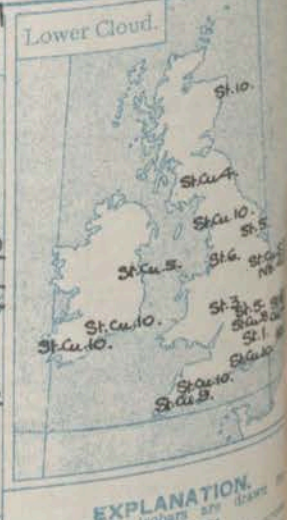
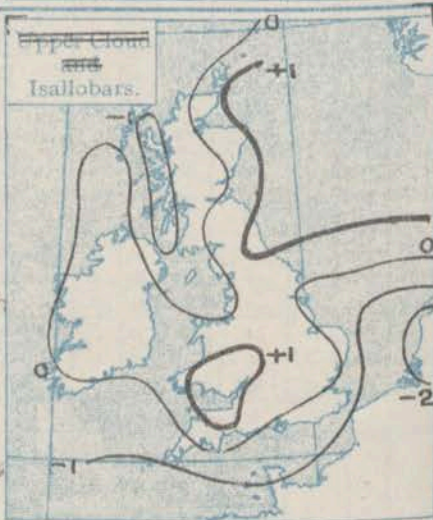
**CHART OF  
POSITION  
NUMBERS**

*and Upper Cloud.*

C. Str. 3  
Aca 30

C. Al. 3  
Aca 2

Aca 7  
C. Str. 7  
A.S. 5



**EXPLANATION.**

**BAROMETER.**—Isobars are drawn at intervals of two millibars.

**WIND.**—Direction is shown by arrows flying with the wind. Force, indicated by 0-12, is indicated by the number of feathers. Mean velocity is shown by figures per hour by figures in small circles.

**TEMPERATURE.**—Mean temperature is given in degrees C.

**WEATHER SYMBOLS.**

clear sky.      sky & clouds.  
overcast sky.      rain falling.  
snow.      fog.  
thunder.      thunder.

**SEA DISTURBANCE.**      High

### Further Outlook

The depression over the North Sea will probably move slowly in a Southerly direction and become less deep. Northwesterly winds will continue over the British Isles with a low temperature and mainly cloudy to overcast skies. Showers are still probable in the Eastern half of Great Britain.

Districts.	Forecasts for the 24 hours commencing 15h.G.M.T. Sunday. 22.8.20.
1. S.E. England	Wind NW or W, light or moderate, stronger at times locally. Much cloud, some showers, fairer intervals. Visibility fair or good. Little change of temperature. Slight local ground frost at night.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Wind NW or N, light or moderate. Mainly cloudy to fairer. Visibility fair or good. Little change of temperature. Slight local ground frost at night.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Wind NW or N, moderate or light. Much cloud, some showers. Visibility fair. Little change of temperature. Slight local ground frost at night.
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	Same as 4 - 8.
13. Isle of Man	
14. N.&N.W. Scotland	Same as 9 - 11.
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Wind between NW and W, light. Variable sky. Visibility fair to good. Little change of temperature.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

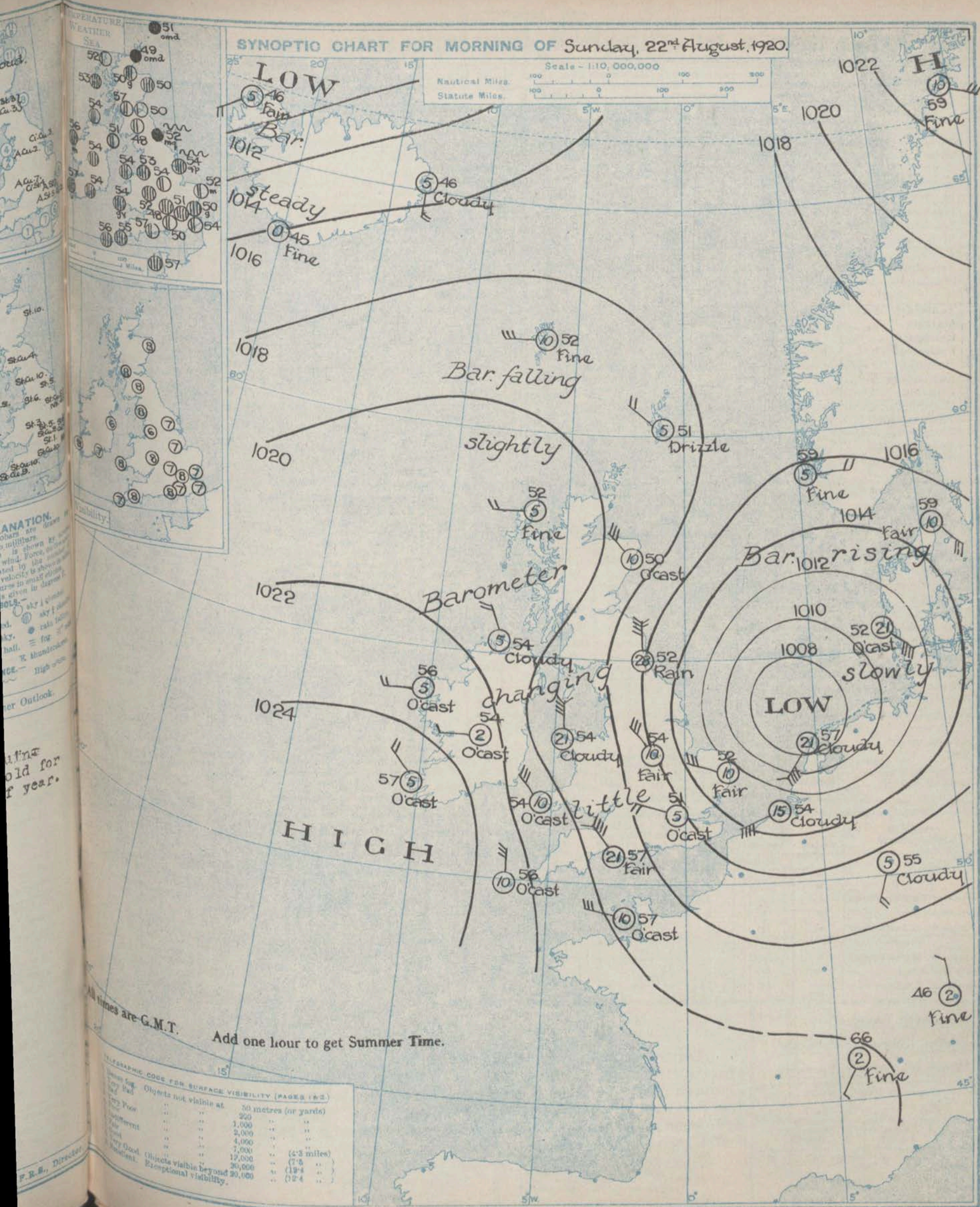
Continuing  
very cold for  
time of year.



SYNOPTIC CHART FOR MORNING OF Sunday, 22<sup>nd</sup> August, 1920.

Scale - 1:10,000,000

Nautical Miles  
Statute Miles



HIGH

LOW

Add one hour to get Summer Time.

15

ALPHABETIC CODE FOR SURFACE VISIBILITY (PAGE 123)

Objects not visible at 50 metres (or yards)

Very Poor	11	12	200	13	14
Difficult	11	12	1,000	13	14
Poor	11	12	2,000	13	14
Good	11	12	4,000	13	14
Very Good	11	12	7,000	13	14
Excellent	11	12	12,000	13	14

Objects visible beyond 30,000 (2.3 miles)

Exceptional visibility	11	12	30,000	13	14
	11	12	60,000	13	14
	11	12	120,000	13	14



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 235.

*Sunday*  
22nd August 1920

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 21st																				
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.			STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 17h-20h.	Day, 09h-17h.	to 17h.	Sunrise to Sunset.				Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 17h-20h.	Day, 09h-17h.	to 17h.	Sunrise to Sunset.
						20°-21° 21.2		2.0 2.0									2.4 1.2			
Scotland.	Oban ... ..	c. c.	c. c.	53	44	-	-	2.2	12.0	England, N.W.	Douglas (L.O.M.)	c	c	56	53	-	-	2.4	11.2	
	Banff ... ..	op	op	54	50	-	4	0.0	0.1		Blackpool ... ..	c	bc	59	52	-	-	4.8	11.0	
	Montrose ... ..	c	bc. c.	58	47	-	4	2.7	5.4		Southport ... ..	bc	bc. c. bc	58	52	-	-	6.7	1.0	
	St. Andrews ... ..										Worcester ... ..									
England, N.E.	Harrogate ... ..	c. bc. c.	c. c.	56	44	-	-	4.4	4.5	Midlands.	Buxton ... ..	bc. bc.	bc. bc. c.	57	46	-	-	1.5	1.0	
	Scarborough ... ..										Leamington Spa ... ..	bc	c. bc	59	40	-	-	2.0	6.0	
	Skegness ... ..										Malvern ... ..	c	c	61	50	-	-	0.0	8.1	
	Lowestoft ... ..										Bath ... ..	bc. c. c.	c	62	45	-	-	1.5	4.7	
England, E.	Felixstowe ... ..	c	og	60	49	-	-	3.8	9.2	Wales.	Rhyl ... ..									
	Southend-on-Sea ... ..	bc. c.	bc	60	43	-	-	4.2	7.7		Colwyn Bay ... ..							0.0	6.0	
											Llandudno ... ..			55	51	-	-	0.0	7.0	
											Aberystwyth ... ..	c. c. c.	c. c. c.	55	53	-	-	0.0	9.6	
England, S.E.	Tunbridge Wells ... ..	bc. bc	c. bc	61	50	-	-	5.5	7.3	England, S.W.	Tenby ... ..	c. c.	c. c.	57	50	-	-	0.0	9.6	
	Margate ... ..	c. bc. c.	c	60	44	-	-	1.2	7.1		Swansea ... ..									
	Ramsgate ... ..	c	c	59	42	-	-	3.2	8.8		Weymouth ... ..	c	c. c.	62	47	-	-	0.8	8.0	
	Folkestone ... ..	b	bc. c.	61	45	-	-	5.2	10.7		Teignmouth ... ..							3.8	12.1	
	Hastings ... ..	bc. bc	c. bc. c. c.	63	43	-	-	7.2	9.5		Torquay ... ..	c. bc. c.	c. c. c.	61	48	-	-	0.2	10.7	
	Eastbourne ... ..	bc	c. bc	62	47	-	-	7.8	8.7		Paignton ... ..	c. c.	c.	62	46	-	-	0.0	9.1	
	Brighton ... ..										Penzance ... ..	c. c.	c. c.	52	48	-	-			
	Worthing ... ..	bc. c. c.	c. c.	61	43	-	-	2.8	9.6		Newquay ... ..							2.0	8.2	
	Littlehampton ... ..	bc. c. c.	c. c.	62	57	-	-	2.6	7.5		Bude ... ..	c	c	60	54	-	-	0.1	9.1	
	Portsmouth (S. Sea) ... ..	c	c	60	46	-	-	2.1	10.0		Ilfracombe ... ..	c	c	57	55	-	-			
	Bournemouth ... ..	c	c	60	48	-	0.3	2.5	10.0	Weston-s-Mare ... ..										
	Ventnor (I. of W.) ... ..	c	c	61	46	-	-	1.8	10.5											

SUMMARIES FOR PAST 24 HOURS.														
STATIONS.		WEATHER.				Max. Temp. °F.		Min. Temp. °F.		Min. on Grass °F.		RAINFALL.		Sun. Hours.
		7h-10h.	10h-12h.	12h-1h.	1h-7h.	°F.	°F.	°F.	°F.	°F.	°F.	Day, 7h-10h.	Night, 10h-7h.	
Renfrew		c.c.	c.c.	c.c.	bc.c.	61	46	42	42	42	42	0.0	0.0	7.1
Esksdalemuir		c.c.	c.c.	c.c.	c.c.	59	39	39	39	39	39	0.0	0.0	7.8
Valencia (S. Sea)		c.c.	c.c.	c.c.	c.c.	59	54	49	49	49	49	0.0	0.0	6.2
Baldonnel		c.c.	c.c.	c.c.	c.c.	58	47	47	47	47	47	0.0	0.0	0.8
Didsbury		c.c.	c.c.	c.c.	c.c.	60	48	41	41	41	41	0.0	0.0	0.8
Koss on Wye		c.c.	c.c.	c.c.	c.c.	60	49	44	44	44	44	0.0	0.0	0.8
Falmouth		c.c.	c.c.	c.c.	c.c.	58	52	48	48	48	48	0.0	0.0	0.1
Calshot (Hants)		c.c.	c.c.	c.c.	c.c.	61	50	45	45	45	45	0.0	0.0	1.7
Lymington (Hants)		c.c.	c.c.	c.c.	c.c.	60	44	45	45	45	45	0.0	0.0	5.9
Aberdeen		c.c.	c.c.	c.c.	c.c.	54	44	47	47	47	47	0.0	0.0	0.6
Howden		c.c.	c.c.	c.c.	c.c.	58	48	45	45	45	45	0.0	0.0	4.2
Cranwell (Lincs)		c.c.	c.c.	c.c.	c.c.	58	49	44	44	44	44	0.0	0.0	3.0
Felixstowe		c.c.	c.c.	c.c.	c.c.	61	48	40	40	40	40	0.0	0.0	4.2
Shoeburyness		c.c.	c.c.	c.c.	c.c.	59	48	43	43	43	43	0.0	0.0	1.0
Benson		c.c.	c.c.	c.c.	c.c.	61	46	45	45	45	45	0.0	0.0	3.5
S. Farnborough		c.c.	c.c.	c.c.	c.c.	60	47	43	43	43	43	0.0	0.0	5.1
London (Kew Obs.)		c.c.	c.c.	c.c.	c.c.	60	47	43	43	43	43	0.0	0.0	5.1
Croydon		c.c.	c.c.	c.c.	c.c.	57	48	44	44	44	44	0.0	0.0	3.0

LONDON OBSERVATIONS.														
STATIONS.		WEATHER.				Max. Temp. °F.		Min. Temp. °F.		Min. on Grass °F.		RAINFALL.		Sun. Hours.
		Morning.	Afternoon.	Night.		°F.	°F.	°F.	°F.	°F.	°F.	Day, 7h-10h.	Night, 10h-7h.	
Greenwich (Royal Observatory)		c.	c.	bc		61	49	46	46	46	46	0.0	0.0	4.0
City (Bunhill Row)		c.	c.	c.		61	49	46	46	46	46	0.0	0.0	4.0
Westminster (St. James's Park)		c.	c.	c.		61	49	46	46	46	46	0.0	0.0	4.0
Admiralty Arch		c.	c.	c.		61	49	46	46	46	46	0.0	0.0	4.0
Camden Sq. (British Rainfall)		c.	c.	c.		61	48	46	46	46	46	0.0	0.0	4.0
Kensington Palace		c.	c.	c.		60	48	45	45	45	45	0.0	0.0	4.0
Hampstead Observatory		c.c.	c.c.	bc.c.		58	47	44	44	44	44	0.0	0.0	4.0

NOTES ON THE WEATHER OF YESTERDAY.														
<p>Temperature continued unusually low for the time of year, the maximum readings being below 60° in most parts of the Kingdom. Showers fell in the Eastern half of Gt. Britain and locally in the West. Bright sunshine records were slight generally, but moderately high at various stations in the North-West and West and also on the coast of Sussex.</p>														
<p>Photographic Record of Pole Star (Polaris) and of δ Ursae Minoris at Greenwich Observatory.</p>														
<p>Exposure from ..... h. .... m. to ..... h. .... m.</p>														
Stars.	Duration of Exposure.	Duration of Record.												
Polaris	h. m.	h. m.												
δ Ursae Minoris	h. m.	h. m.												





## AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:  
BRITISH SECTION. No. B21459 MONDAY 23<sup>rd</sup> AUGUST. 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 15H AND 19H.																															
STATIONS.	BAROM.	Change	WIND.		TEMP.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea.	BAROM.	Change	WIND.		TEMP.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea.					
	at M.S.L.	in 3 hours.	Dir.	Force 0-12.					Form.	Amt. 0-10.	Form.	Amt. 0-10.		at M.S.L.	in 3 hours.	Dir.	Force 0-12.					Form.	Amt. 0-10.	Form.	Amt. 0-10.						
	mb.																														
13H. G.M.T. OF 22 <sup>nd</sup>														18H. G.M.T. OF 22 <sup>nd</sup>																	
Renfrew	1018.6	-1	WSW	3	62	55	8	4200	Cu	1	A.Sr	5	*	1018.5	0	WSW	3	62	55	8	4200	Cu	1	A.Sr	5	*					
Esksdalemuir	1019.1	0	NNW	1	61	55	9	-	C.Nb	9	-	-	*	1017.8	0	NNW	3	60	60	8	-	Sr.A	7	A	1	*					
Valencia (Cahire'n)	1025.0	0	WNW	3	60	65	9	4200	Sr.A	7	-	-	3	1025.4	0	NNW	2	60	75	9	4200	Sr.A	6	-	-	2					
Baldonnel	1021.3	-1	N	4	61	65	7	3000	Sr.A	5	C	2	*	1022.2	1	W	3	60	92	4	4200	Sr	10	-	-	*					
Didsbury	1018.1	+1	NNW	5	63	65	6	3000	Sr.A	9	-	-	*	1018.9	1	NNW	5	63	65	7	4200	Cu	7	-	-	*					
Ross on Wye	1018.5	0	N	3	63	65	9	4200	Cu	7	Cu	1	*	1020.0	1	NNW	4	63	75	9	4200	Cu	1	-	9	*					
Falmouth	1022.0	0	NNW	4	63	75	8	-	Sr.A	7	-	-	3	1022.9	1	NNW	3	63	75	8	-	Cu	1	-	-	*					
Calshot (Hants)	1019.0	0	NNW	4	61	75	8	2000	Sr.A	9	-	-	3	1018.6	0	NNW	3	62	65	8	2000	Sr.A	3	A	9	3					
Lympe (Folkestone)	1015.6	0	WNW	5	59	75	6	1200	Nb	8	A.Sr	1	*	1016.7	1	N	3	60	85	7	2000	Sr.A	6	A.Sr	1	*					
Aberdeen	1019.1	0	N	3	61	65	8	3000	Cu	7	-	-	4	1018.9	0	N	3	60	85	7	3000	Cu	6	-	-	4					
Howden	1016.5	+2	N	5	59	85	7	2000	Sr.A	10	-	-	*	1017.7	0	N	3	60	85	7	-	-	-	-	-	*					
Cranwell (Lincs)	1016.3	+1	NNW	5	59	85	7	2000	Sr	9	-	-	*	1017.9	1	NNW	4	60	85	7	3000	Sr.A	4	A.Sr	1	*					
Felixstowe	1014.3	0	WNW	1	58	75	7	1200	Cu	5	A.Sr	4	*	1016.6	1	WNW	3	58	75	7	3000	Sr.A	4	-	-	*					
Shoeburyness	1017.4	0	NNW	2	60	75	7	-	Cu	5	-	-	*	1018.0	0	NNW	2	60	75	7	-	Cu	6	-	-	*					
Benson	1017.4	+1	NNW	2	61	75	7	3000	Sr.A	6	A.Sr	3	*	1018.2	1	NNW	2	60	75	7	4200	Cu	3	A.Sr	2	*					
S. Farnborough	1016.8	+1	NNW	3	60	75	7	3000	Cu.N.	7	A.Sr	3	*	1017.7	+2	NNW	2	60	75	7	3000	Cu	7	-	-	*					
London (Kew Obs.)	1016.9	+1	NNW	4	61	65	6	2000	Sr.A	9	-	-	*	1017.9	1	NNW	5	61	65	7	2000	Sr	1	A.Sr	1	*					
Croydon	1016.9	+1	NNW	4	61	65	6	2000	Sr.A	9	-	-	*	1017.9	1	NNW	5	61	65	7	2000	Sr	1	A.Sr	1	*					
1H. G.M.T. OF 23 <sup>rd</sup>														7H. G.M.T. OF 23 <sup>rd</sup>																	
Renfrew	1018.6	0	N	2	61	65	7	-	Sr	10	-	-	*	1018.5	0	-	0	63	65	8	1200	Sr	10	-	-	4					
Esksdalemuir	1019.1	0	NNW	1	61	65	9	-	C.Nb	9	-	-	*	1017.8	0	NNW	3	60	60	8	-	Sr.A	7	A	1	*					
Valencia (Cahire'n)	1025.0	0	WNW	3	60	65	9	4200	Sr.A	7	-	-	3	1025.4	0	W	3	60	75	9	4200	Sr.A	6	-	-	2					
Baldonnel	1021.3	0	N	4	61	65	7	3000	Sr.A	5	C	2	*	1022.2	1	W	3	60	92	4	4200	Sr	10	-	-	*					
Didsbury	1018.1	+1	NNW	5	63	65	6	3000	Sr.A	9	-	-	*	1018.9	1	NNW	5	63	65	7	4200	Cu	7	-	-	*					
Ross on Wye	1018.5	0	N	3	63	65	9	4200	Cu	7	Cu	1	*	1020.0	1	NNW	4	63	75	9	4200	Cu	1	-	9	*					
Falmouth	1022.0	0	NNW	4	63	75	8	-	Sr.A	7	-	-	3	1022.9	1	NNW	3	63	75	8	-	Cu	1	-	-	*					
Calshot (Hants)	1019.0	0	NNW	4	61	75	8	2000	Sr.A	9	-	-	3	1018.6	0	NNW	3	62	65	8	2000	Sr.A	3	A	9	3					
Lympe (Folkestone)	1015.6	0	WNW	5	59	75	6	1200	Nb	8	A.Sr	1	*	1016.7	1	N	3	60	85	7	2000	Sr.A	6	A.Sr	1	*					
Aberdeen	1019.1	0	N	3	61	65	8	3000	Cu	7	-	-	4	1018.9	0	N	3	60	85	7	3000	Cu	6	-	-	4					
Howden	1016.5	+2	N	5	59	85	7	2000	Sr.A	10	-	-	*	1017.7	0	N	3	60	85	7	-	-	-	-	-	*					
Cranwell (Lincs)	1016.3	+1	NNW	5	59	85	7	2000	Sr	9	-	-	*	1017.9	1	NNW	4	60	85	7	3000	Sr.A	4	A.Sr	1	*					
Felixstowe	1014.3	0	WNW	1	58	75	7	1200	Cu	5	A.Sr	4	*	1016.6	1	WNW	3	58	75	7	3000	Sr.A	4	-	-	*					
Shoeburyness	1017.4	0	NNW	2	60	75	7	-	Cu	5	-	-	*	1018.0	0	NNW	2	60	75	7	-	Cu	6	-	-	*					
Benson	1017.4	+1	NNW	2	61	75	7	3000	Sr.A	6	A.Sr	3	*	1018.2	1	NNW	2	60	75	7	4200	Cu	3	A.Sr	2	*					
S. Farnborough	1016.8	+1	NNW	3	60	75	7	3000	Cu.N.	7	A.Sr	3	*	1017.7	+2	NNW	2	60	75	7	3000	Cu	7	-	-	*					
London (Kew Obs.)	1016.9	+1	NNW	4	61	65	6	2000	Sr.A	9	-	-	*	1017.9	1	NNW	5	61	65	7	2000	Sr	1	A.Sr	1	*					
Croydon	1016.9	+1	NNW	4	61	65	6	2000	Sr.A	9	-	-	*	1017.9	1	NNW	5	61	65	7	2000	Sr	1	A.Sr	1	*					
STATIONS CONTRIBUTING REPORTS AT 7H. AND 19H.														STATIONS CONTRIBUTING REPORTS AT 7H. AND 19H.																	
STATIONS.	BAROM.	TEMP.	WIND.		WEATHER.	BAROMETER.	TEMPERATURE.		WIND.	DIREC.	FORCE.	UPPER CLOUD.	WEATHER.	SEA.	RAINFALL.	TEMP.		WEATHER.			SUNSHINE.										
	at M.S.L.	°F.	Dir.	Force 0-12.		at M.S.L.	Change in 3 hours.	Temp. °F.	Dir.	Force 0-12.	Upper Cloud.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.											
	mb.						mb.																								
19H. G.M.T. OF 22 <sup>nd</sup>														7H. G.M.T. OF 23 <sup>rd</sup>										24 HOURS ENDED 7H. 23 <sup>rd</sup>							
Lerwick	1018.4	51	0	0	C	1017.3	-1	49	-	0	-	Cu	0	-	54	46	C	C	Cu	4.5											
Stornoway	1017.9	50	S	3	bc	1017.2	+1	51	-	1	-	0	1	5	58	51	bc	bc	Cop	4.5											
Castlebay (Barra)	1018.7	53	ESE	2	fd	1019.1	+1	52	0	4	-	0	3	6	56	51	0	off	fluo	0.5											
Malin Head	1018.3	56	W	3	omp	1019.3	0	52	-	4	-	0	3	4	57	50	C	omp	omp	0.5											
Blackod Point	1021.3	59	NNW	4	omp	1020.5	-1	54	-	2	-	omp	2	5	62	53	bc	omp	omp	*											
Roche's Point	1024.2	61	NNW	4	0	1024.5	0	55	W	3	-	0	3	0.3	63	52	op	C.O	0	*											
Birr Castle	1023.0	58	NNW	1	0	1022.0	0	55	W	1	-	0	1	0	60	53	C.O	op	ow	0.0											
Donaghadee	1019.5	57	-	0	C	1018.9	+1	55	W	3	-	0	1	14	60	57	bc	bc	omp	*											
Liverpool (Bidston)	1019.3	58	W	3	bc	1018.1	+1	58	0	4	-	0	4	8	60	52	bc	bc	op	5.6											
Holyhead	1020.9	59	NNW	3	C	1019.8	0	59	W	5	-	0	4	10	59	53	C	C.O	op	5.0											
Pembroke (St. Mary's)	1022.4	58	WNW	2	bcv	1021.1	-1	57	W	3	-	0	3	0.3	59	53	ov. cv	bcv	ov. od	6.4											
Scilly (St. Mary's)	1024.2	59	NNW	3	0	1024.7	0	57	W	3	-	0	4	0	60	53	C.O	C.O	bc	6.3											
Jersey (St. Aubin)	1021.1	61	WNW	3	0	1022.5	0	56	W	3	-	0	4	0	60	53	C.O	C.O	bc	*											
Portland Bill	1019.6	60	NNW	4	bc	1019.6	0	58	W	5	-	0	4	0	60	53	C.O	C.O	bc	*											
Dunagness	1015.0	62	W	4	bc	1018.6	+1	57	W	2	-	0	2	0	56	40	omp	C.O	bc	8.6											
Wick	1018.0	54	NNW	2	bc	1016.6	0	50	W	2	-	0	2	0	61	41	C.O	C.O	bc	*											
Nairn	1017.8	57	E	1	bc	1017.2	0	49	-	0	-	0	0	0	60	51	C.O	C.O	bc	*											
Leith	1017.4	57	E	2	C	1017.4	0	52	W	1	-	0	0	0																	



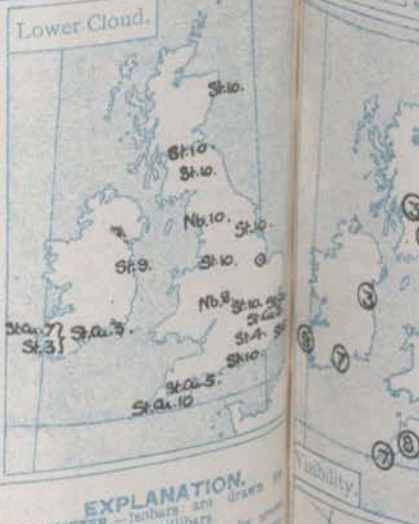
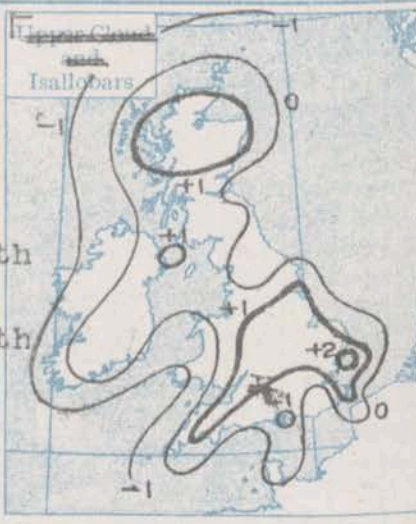
# SUMMARY OF CONDITIONS AT 7 h.G.M.T. 23/8/1920.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Dull, slight mist.	Good	smooth
2. E. England	Fair to cloudy; misty.	Indiff.	"
3. E. Midlands	Dull to cloudy; misty.	Indiff.	-
4. W. Midlands	Dull, some rain.	Fair	-
5. S.W. England	Dull.	Good	Mod.
6. South Wales	Cloudy.	Good	slight
7. North Wales	Cloudy, gloomy.	Poor	Mod.
8. N.W. England	Rain and fog.	Bad	slight
9. N. Midlands	Cloudy, misty.	Poor	-
10. N.E. England	Dull, misty.	Poor	slight
11. E. Scotland	Dull, misty; local fog.	Poor	"
12. S.W. Scotland	Dull, local fog.	Variable	"
13. Isle of Man	Fair to dull; misty.	Indiff.	"
14. N. & N.W. Scotland	Dull.	Fair.	V. smooth
15. Hebrides	Dull.	"	smooth
16. Orkneys and Shetlands	Cloudy, misty.	Indiff.	V. smooth
17. N.W. Ireland	Dull; some mist & rain.	Indiff.	smooth
18. N.E. Ireland	Fair to cloudy; misty, squally.	Indiff.	slight
19. S.E. Ireland	Dull, some drizzle.	Variable	"
20. S.W. Ireland	Dull.	V. good.	"

Temperature reported from Coastal and Cross Channel Steamers.

Position Number.	Date	Time G.M.T.	Sea ° F	Air ° F
2	22nd	0100	65	56
4a	22nd	0215	66	56
12	23rd	0835	54	54

CHART OF POSITION NUMBERS and Upper Cloud.



Barometric change in half millibars per 3 hours.

GENERAL INFERENCE from observations received up to 9h. G.M.T.

The recent North Sea depression has now moved on to the N.W. of Germany, but some small, very shallow depressions have developed over the British Isles. Variable skies and local showers are probable generally, with temperature rather higher than of late, but still below the normal.

EXPLANATION.  
 BAROMETER.—Isobars are drawn at intervals of two millibars.  
 WIND.—Direction is shown by the flying with the wind. Force, on the 0-12, is indicated by the number of feathers. Mean velocity is shown in feet per hour by figures in small circles.  
 TEMPERATURE.—Given in degrees F.  
 WEATHER SYMBOLS.—  
 ☉ clear sky. ☁ sky & cloud. ☁☁ overcast sky. ☁☁☁ rain falling. \* snow. ▲ hail. ☁ fog. ☁ thunder. ☁ thunderstorm.  
 SEA DISTURBANCE.—High rough. High smooth.

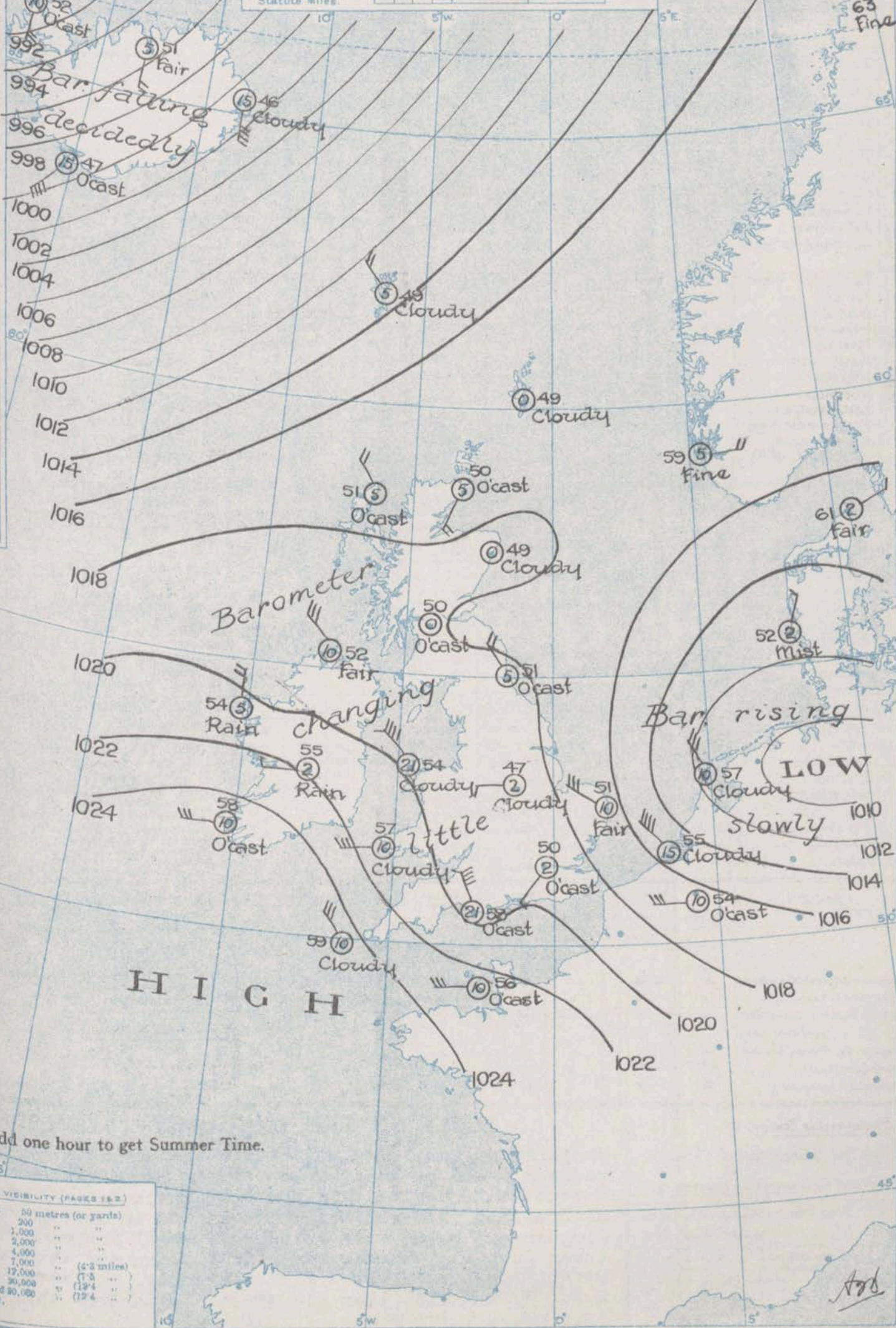
Further Outlook.

Districts.	Forecasts for the 24 hours commencing 15h.G.M.T. Monday, 23rd August, 1920.
1. S.E. England	Wind mainly between N.W. and W., light, moderate in places. Variable sky, some local showers. Visibility fair or good. Less cool than of late.
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	Light variable winds, cloudy, some showers, fairer intervals. Visibility fair; becoming less cool than of late.
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	Wind N.W. to W., light or moderate. Cloudy or dull, some showers, then fairer. Visibility fair. Rather cool, then warmer.
19. S.E. Ireland	
20. S.W. Ireland	

None issued



Scale - 1:10,000,000



15			
CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)			
Objects not visible at	50 metres (or yards)		
Very Poor	200		
Poor	1,000	11	11
Sufficient	2,000	11	11
Good	4,000	11	11
Very Good	7,000	11	11
Excellent	12,000	11	11
Objects visible beyond	30,000	11	11
Exceptional visibility.	80,000	11	11
		11	11
		11	11

Add one hour to get Summer Time.

times are G.M.T.

15			
CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)			
Objects not visible at	50 metres (or yards)		
Very Poor	200		
Poor	1,000	11	11
Sufficient	2,000	11	11
Good	4,000	11	11
Very Good	7,000	11	11
Excellent	12,000	11	11
Objects visible beyond	30,000	11	11
Exceptional visibility.	80,000	11	11
		11	11
		11	11



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 236

Monday  
23<sup>rd</sup> August

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 22 <sup>nd</sup>																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 21-22	Day. 9h-17h. 22	to 17h. 22	Sunrise to Sun- set. 21			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 21-22	Day. 9h-17h. 22	to 17h. 22	Sunrise to Sun- set. 21
Scotland.	Oban ...									England, N.W.	Douglas (I.O.M.)							8.1	8.0
	Banff ...	o.c.p	c.b.c.o	51	50	1	0.1	1.0	0.0		Blackpool ...	o	b	62	58	0.1	-	6.7	5.3
	Montrose ...										Southport ...	o.c.b.c	b.c.b	61	48	0.2	-		
	St. Andrews ...																		
England, N.E.	Harrogate ...	o.b.c.c	b.c.p	55	47	3	0.1	0.7	4.4	Midlands.	Buxton ...							3.5	2.0
	Scarborough ...	o	o	59	49	4	-	0.0	?		Leamington Spa...	c.b	b.c	62	46	1	-	3.0	1.5
	Skegness ...										Malvern ...			65	50	-	-	3.0	0.0
England, E.	Lowestoft ...	c.o.p	o.p	57	49	1	4	2.1	?	Wales.	Bath ...	o.c.b.c	c.b.c	65	50	-	-	4.4	0.0
	Felixstowe ...	o.p.c	o.p	63	50	1	2	4.0	3.8		Rhyl ...	c.b.c	b.c	59	51	1	-	3.4	0.0
	Southend-on-Sea...	o.c.o.c	o.p	63	47	2	2	3.0	4.3		Colwyn Bay ...	+	+	60	52	0.2	-	2.7	0.0
England, S.E.	Tunbridge Wells	o.c.b.c	b.c.b	64	49	-	-	4.8	5.8	Wales.	Llandudno ...			59	52	-	-	2.7	0.0
	Margate ...	c	r	62	51	2	3	2.6	1.5		Aberystwyth ...								
	Ramsgate ...	*	*								Tenby ...								
	Folkestone ...	o.p	c.r	63	46	-	1	4.0	5.2		Swansea ...								
	Hastings ...	o.b.c	c.b.c.b	63	49	-	-	6.3	8.4		Weymouth ...	c.b.c	b.c	67	52	-	-	5.4	0.9
	Eastbourne...	o.c	c.b.c.b	64	51	-	-	4.5	3.0		Teignmouth ...								
	England, S.W.	Brighton ...	o.b.c	b.c.o.b	65	52	-	-	4.2	?	Torquay ...	o.b.c.c.o	o.c.b	64	53	-	-	3.7	0.5
		Worthing ...	c.b.c	o.b.c.b	63	51	-	-	6.6	3.8	Paignton ...								
		Littlehampton ...	b.c	a.b.c	63	52	-	-	5.8	2.6	Penzance ...	o.c.b.c	b.c.b	61	51	-	-	5.5	0.0
		Portsmouth (S' thea)	+	+	63	51	-	-	7.6	2.1	Newquay ...	o.c.b.c	b.c.b	59	53	-	-	2.8	0.0
		Bournemouth ...	*	*	64	48	-	-	5.0	2.5	Bude ...	o	b	59	53	-	-	3.2	0.1
		Ventnor (I. of W.)	*	*	64	49	-	-	7.0	1.8	Ilfracombe ...	o	o.c.b.c	61	55	-	-	2.5	?
											Weston-s-Mare ...	o.c.b.c	c.b.c	63	52	-	-		

SUMMARIES FOR PAST 24 HOURS.										
STATIONS.	WEATHER.				Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	RAINFALL.		Sun. Hours
	7h-13h	13h-18h	18h-21h	21h-24h				Day. 7h-13h	Night. 18h-7h	
Renfrew ...	b.c.b.c	b.c.b.c	b.c.c.c	b.c.c.c	60	45	36	mm.	mm.	12.2
Eskdalemuir ...	b.c.c.o	c.o.c.o	c.o.c.o	o.f. o.w	60	42	39	-	-	7.1
Valencia (Cahire'n) ...	c.o.v	b.c.c.v	b.c.c.c	c.o.v	60	51	45	-	-	3.3
Baldonnel ...	b.c	c.o.p.d	r.g	o.z.f.R.R	63	50	-	-	50	3.8
Didsbury ...	c.o	b.c.c	c.o	o.f.f.D	64	44	36	-	0.1	1.5
Ross on Wye...	b.c.c.p.c.o	c.o.v.b.c.c	b.c.c.v.b.c	b.c.c.c	65	43	38	-	5	5.3
Falmouth ...	o.b.c.c.o	b.c.c.b	b.c.c.c	o	61	53	66	-	-	4.9
Calshot (Hants)...	c.b.c.c.o	c.o.c.c.o	b.c.c	b.c.c.c	64	47	*	-	-	7.5
Lymington (Folkestone)	q.b.c.c.f.o	c.o.p.f	b.c.c.b	b.c.c.c	64	44	39	0.1	Trace	4.4
Aberdeen ...	p.d.c.o	b.c.c.b.c	b.c.c	c.o.o.f	58	47	47	-	-	6.6
Howden ...	q.o.f	q.o.f	q.o.f	q.o.f	59	39	33	-	-	1.4
Cranwell (Lincs) ...	p.o	p.o	c.o.c.c	b.c.c.c	58	45	*	Trace	-	4.9
Felixstowe ...			b.c.c.c	b.c.c.c	63	49	*	*	*	?
Shoeburyness ...	g.p	p.b.c.c	b.c.c	b.c.c.c	62	47	40	4	-	2.5
Benson ...	b.c.c	c.o.c.c	b.c.c	c.o.c.c	63	41	34	-	-	*
S. Farnborough ...	b.c.c.o	c.o.c.c	b.c.c	b.c.c.c	64	43	36	-	-	7.2
London (Kew Obs.)	c.o.u	u.c.o	b.c.c.c	o.f.c.o	62	47	38	-	0.1	4.9
Croydon ...	o.f.u	o.f.c.c	b.c.c	b.c.c.c	61	47	*	-	Trace	?

BEAUFORT NOTATION.		
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.	
e	wet air without rain falling.	
f	fog. g gloom.	
h	hail. l lightning.	
m	mist. o overcast sky.	
p	passing showers.	
q	squalls. r rain.	
rs	sleet, i.e., rain and snow together.	
s	snow. t thunder.	
u	ugly, threatening sky.	
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.	

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

THE BEAUFORT WIND FORCE.		
Used only for surface observations.		
No.	Limits of Velocity at about 30 feet above ground.	
	Statute miles per hour.	Metres per second.
0	Less than 1	0.3-1.5
1	1-8	1.6-3.5
2	4-7	3.6-5.4
3	8-12	5.5-7.9
4	13-18	8.0-10.7
5	19-24	10.8-13.8
6	25-31	13.9-17.1
7	32-38	17.2-20.7
8	39-46	20.8-24.4
9	47-54	24.5-28.3
10	55-63	28.4-32.5
11	64-75	32.6-38.3
12	Above 75	38.4 or above

SYMBOLS.		
Aurora	☆	Solar halo
Rime	⊥	Lunar halo
Glazed frost	~	Solar corona
Glazed roads	⌘	Lunar corona

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).									
		WEATHER.		TEMPERATURE.		Rainfall.		Sunshine to Sunset.		Humidity %		15h. G.M.T.		9h. G.M.T.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.		Total ... Joules.	
		Morning.	Afternoon.	Night.	Max. F.	Min. F.	Min. on Grass F.	Hours.	Hours.	15h. G.M.T.	9h. G.M.T.	15h. G.M.T.	9h. G.M.T.	15h. G.M.T.	9h. G.M.T.				
Greenwich (Royal Observatory)		o	a.c.b.c	c.r	64	45	36	4.7	56	77									
City (Bunhill Row) ...								5.4	*										
Westminster (St. James's Park)		o.b.c.o		o.c.o	65	46	38	5.6	59	84									
" (Admiralty Arch)																			
Camden Sq. (British Rainfall)		*	*	*	60	45	40	*	*	73									
Kensington Palace ...		o.b.c	b.c	*	64	46	39	0.2	62 (18h)	79									
Hampstead Observatory ...		b.c	o.p	*	63	45	*	Trace	5.4	86									

THE BEAUFORT SCALE OF WIND FORCE.		
Used only for surface observations.		
No.	Statute miles per hour.	Meters per second.
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	7.5-10.7
5	19-24	10.7-13.9
6	25-31	13.9-17.1
7	32-38	17.1-20.7
8	39-46	20.7-24.4
9	47-54	24.4-28.1
10	55-63	28.1-33.5
11	64-75	33.5-38.5
12	Above 75	38.5 or above

SYMBOLS—			
Aurora	☀	Solar halo	☉
Rime	☾	Lunar halo	☾
Glazed frost	☼	Solar corona	☼
Glazed roads	☾	Lunar corona	☾

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
23 <sup>rd</sup> 24 <sup>th</sup> 25 <sup>th</sup> Aug 1920.			
Stations.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth...	4.50	11.56	7.3
Greenwich	4.51	11.56	7.3
Wick	5.0	12.2	7.37
Valencia ...	4.53	12.15	7.34

Photographic Record of Pole Star (Polaris) and of 3 Ursae Minoris at Greenwich Observatory.			
Exposure from 22 <sup>nd</sup> 20h. to 23 <sup>rd</sup> 2h.			
Stars.	Duration of Exposure.	Duration of Record.	%
Polaris	7 30	7 19	100
3 Ursae Minoris	7 30	7 19	98

NOTES ON THE WEATHER OF YESTERDAY.

Temperature continued much below the normal generally, the maximum readings being below 60° at many stations and below 50° except at some places in the S. of England and locally in the S. of Scotland. Showers were experienced in most parts of the Kingdom and heavy rain in some parts of Ireland. At Baldonnel (near Dublin) the measurement was 50 mm and at Donaghadee 14 mm. Bright sunshine records varied greatly, but were higher in the S.E., W. and N.W. than elsewhere. At Renfrew the value was 12.2 hours.





## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

BRITISH SECTION.

No. B. 21450. TUESDAY, 24 AUGUST, 1920.

## OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.

STATIONS.	12H. G.M.T. OF 2.30												18H. G.M.T. OF 2.30											
	Barom. at M.S.L.	Change in 3 hours.	WIND.	Temp.	Humidity.	Visibility	Height of Low Cloud.	Low Cloud.	Upper Cloud.	Sea	Barom. at M.S.L.	Change in 3 hours.	WIND.	Temp.	Humidity.	Visibility	Height of Low Cloud.	Low Cloud.	Upper Cloud.	Sea				
	mb.		Dir. Force 0-12.	°F.	%	0-9.	Feet.	Form.	Amt. 0-10.	Perm. 0-10.	mb.		Dir. Force 0-12.	°F.	%	0-9.	Feet.	Form.	Amt. 0-10.	Perm. 0-10.				
Renfrew ...	1018.4	0	WSW 1	55	85	4	1,250	Nb	10	-	1018.6	0	WSW 2	55	85	7	2,000	Sc	10	-				
Eska Dalemuir ...	1017.5	0	W 1	60	75	8	4,200	Sc	9	-	1018.0	0	NW 3	56	85	7	2,000	Sc	8	-				
Valencia (Cahire's) ...	1024.5	-1	W 3	62	75	9	-	-	aa	3	1023.8	-1	WSW 3	59	85	8	1,250	Sc	3	asc				
Baldonnel ...	1021.0	0	WNW 4	60	85	7	750	-	-	-	1021.1	0	WNW 2	55	85	5	1,500	Sc	10	-				
Ross on Wye ...	1018.7	0	NW 4	55	97	2	750	Nb	10	-	1019.3	+1	NW 3	54	85	4	3,000	Nb	8	asc				
Falmouth ...	1019.2	0	N 2	63	65	9	5,700	Sc	5	aa	3	1019.0	-1	NW 3	61	55	9	-	aa	8				
Calshot (Hants) ...	1023.4	-1	NW 4	63	65	8	4,700	Sc	4	aa	2	1022.8	-1	WNW 3	59	75	8	-	Sc	7				
Lymington (Folkestone) ...	1019.1	0	WNW 4	61	75	8	3,000	Sc	10	-	1019.2	0	ENE 1	61	75	8	4,200	Sc	10	-				
Aberdeen ...	1017.9	-1	NW 3	62	65	8	4,200	Sc	4	asc	5	1017.4	-1	WNW 3	58	85	6	2,000	Sc	4				
Howden ...	1018.5	0	SE 3	56	75	7	2,000	Sc	8	-	1018.2	0	SE 2	64	85	8	-	-	-	3				
Cranwell (Lines) ...	1018.0	-2	-	60	75	7	4,200	Sc	5	-	1017.7	0	-	61	85	7	4,200	Sc	7	asc				
Felixstowe ...	1018.3	-2	NW 2	61	65	7	5,700	Sc	-	-	1018.2	0	W 1	58	85	5	5,700	Sc	7	-				
Shoeburyness ...	1018.1	0	NW 2	61	75	6	2,000	Sc	5	-	1017.7	0	-	61	75	7	5,700	Sc	2	-				
Benson ...	1017.8	-1	WNW 3	61	65	7	-	-	-	-	1017.3	-1	-	60	75	7	2,000	Sc	4	aa				
S. Farnborough ...	1018.5	0	WNW 2	55	97	4	-	-	-	-	1018.6	0	-	55	92	5	-	-	-	-				
London (Kew Obs.) ...	1019.4	0	WNW 2	56	92	5	3,000	Sc	6	aa	3	1018.9	0	WNW 2	55	92	7	1,250	Nb	8	asc			
Croydon ...	1019.0	0	WSW 2	59	75	5	2,000	Sc	6	aa	3	1018.8	-1	WNW 2	57	85	5	3,000	Sc	10	-			
Croydon ...	1019.3	0	W 2	59	75	7	2,000	Sc	6	asc	4	1019.0	0	WNW 3	57	85	6	750	Sc	10	-			
Renfrew ...	1019.7	0	-	52	92	6	-	Sc	10	-	1019.1	0	WSW 2	51	92	6	750	Sc	4	aa	6			
Eska Dalemuir ...	1022.3	-2	NW 2	58	-	-	-	-	-	-	1018.7	0	SW 2	58	75	8	-	-	-	-				
Valencia (Cahire's) ...	1020.5	-1	-	51	97	5	750	Sc	10	-	1022.9	0	W 2	58	85	7	1,200	Sc	6	-				
Baldonnel ...	1020.5	-1	-	51	97	5	750	Sc	10	-	1022.9	0	W 2	58	85	7	1,200	Sc	6	-				
Ross on Wye ...	1019.7	0	WNW 2	53	92	6	-	-	-	-	1019.7	0	WNW 2	53	92	6	3,000	Sc	2	-				
Falmouth ...	1020.2	0	-	53	92	6	-	-	-	-	1020.2	0	-	53	92	6	3,000	Sc	2	-				
Calshot (Hants) ...	1021.5	-3	NW 2	56	92	5	-	Nb	10	-	1021.1	0	NW 4	56	92	5	-	-	-	-				
Lymington (Folkestone) ...	1019.3	-1	WNW 1	53	92	6	-	-	-	-	1019.7	+1	N 2	56	92	6	3,000	Sc	2	-				
Aberdeen ...	1017.6	-1	NW 2	51	97	6	-	-	-	-	1018.5	+2	N 4	51	92	6	750	Sc	9	-				
Howden ...	1018.9	0	-	50	97	1	1,500	Sc	10	-	1018.6	0	W 1	53	92	5	2,000	Sc	10	-				
Cranwell (Lines) ...	1019.0	0	-	50	92	5	3,000	Sc	7	asc	3	1020.1	+2	-	50	97	4	2,000	Sc	10	-			
Felixstowe ...	1019.0	0	-	50	92	5	3,000	Sc	7	asc	3	1019.2	+2	N 3	50	92	5	2,000	Sc	9	-			
Shoeburyness ...	1019.0	0	-	50	92	5	3,000	Sc	7	asc	3	1019.0	+1	WNW 2	50	85	6	2,000	Sc	9	-			
Benson ...	1019.0	0	-	50	92	5	3,000	Sc	7	asc	3	1019.1	+2	WNW 1	50	97	4	-	-	-	-			
S. Farnborough ...	1019.4	0	-	54	97	5	2,000	Sc	10	-	1019.7	+1	WNW 1	52	97	4	3,000	Sc	6	asc	4			
London (Kew Obs.) ...	1019.4	0	-	54	97	5	2,000	Sc	10	-	1019.7	+1	WNW 1	52	97	4	3,000	Sc	6	asc	4			
Croydon ...	1019.9	-1	NNW 3	54	97	5	2,000	Sc	10	-	1019.8	+2	NNW 2	53	97	4	750	Sc	10	-				

## STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.

STATIONS.	Barom. at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.
	mb.	°F.	Dir.	Force 0-12.		at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	
	15h. G.M.T. of 23 <sup>rd</sup>					7h. G.M.T. of 24 <sup>th</sup>					24 HOURS ENDED 7h. 24 <sup>th</sup>					23					
Lerwick	1016.8	51	SE	2	cm	1016.2	-1	53	44	SE	2	-	bcn	4	-	54	46	cm	cm	bcn	2.5
Sornoway	1017.6	54	W	2	C	1016.4	-1	54	+3	S	4	-	o	3	1	59	51	bc.	C	c. ob	1.5
Castlebay (Barra)	1019.0	53	W	3	op	1017.2	0	54	+2	WSW	3	-	scd	3	0.4	55	51	o.c.o	o.p	o.p. c. op	1.5
Malin Head	1019.8	54	W	2	O	1018.6	0	54	42	W	2	-	om	1	Trace	55	50	c.	C	O	1.5
Blackod Point	1020.9	57	-	0	042	1019.4	0	55	+1	W	1	-	omd	1	2	59	51	md.	om	bcn. om	1.5
Roche's Point	1023.3	60	NW	3	O	1022.4	+1	57	+2	NW	1	NW	C	1	1	63	55	o.c.o	O	o.p. o	1.5
Birr Castle	1021.0	56	SW	1	"	1021.0	"	57	-1	WSW	1	S	C	"	1	58	52	omp	omp. or	or. c	0.0
Donaghadee	1019.5	55	N	3	bcv.	1019.2	0	50	-5	W	1	-	om	1	-	53	50	bcn	bc	bcn	1.5
Liverpool (Bidston)	1019.6	56	WNW	3	bc	1020.2	+1	57	+1	WNW	1	W	C	2	2	57	50	or	abc.	bc. o	1.0
Holyhead	1019.9	56	NW	3	C	1020.0	+1	58	-1	E	1	-	ogm	0	0.2	58	51	c. bc	bc. c.	c. o. c. op	5.0
Pembroke (St. Ann's Head)	1021.6	57	W	2	op	1021.0	+1	58	-3	WNW	1	-	or	2	0	60	54	c. op.	c. op.	or	1.6
Jersey (St. Aubin)	1024.0	59	WNW	2	C	1022.0	+1	58	+1	NW	4	NW	O	4	0.3	62	56	C	C	op	0.9
Portland Bill	1021.8	63	WNW	3	S	1019.8	0	57	+3	NW	3	NW	C	2	0.2	64	55	o.p. ob.	C	o. p. c.	0.2
Dungeness	1017.6	60	WNW	4	C	1019.6	0	57	-1	NNE	2	NNE	C	3	-	64	52	o.p. c.	C	O	0.2
Wick	1017.1	61	WSW	4	bc	1018.4	+2	52	+1	WNW	2	-	O	3	-	66	45	bc.	bc	c. o. c.	0.2
Nairn	1017.0	54	WNW	1	C	1016.0	0	53	+3	SSW	1	-	C	1	-	54	48	o. bc.	bc. c	c. bc. c	0.2
Leith	1017.8	56	-	0	O	1016.6	0	51	+2	-	0	-	cg	0	2	61	48	c. bc.	bc. c. g. o	odp	4.6
Lynmouth	1017.5	55	NW	1	O	1017.9	0	53	0	WSW	1	NNE	bcg	1	-	59	52	om. c. o	O	o. g. bc.	0.2
Yarmouth	1017.9	56	NNE	3	bc	1019.3	0	52	0	W	1	-	f	2	-	55	50	bcn	b	bcn. f	0.2
Yarmouth Head	1016.8	58	WNW	3	bc	1018.4	0	57	+3	N	3	-	om	3	-	60	50	C. m.	C	ogm	0.2
Clacton-on-Sea	1017.3	64	NW	2	bc	1018.7	+1	58	+4	WNW	3	N	C	2	-	65	49	c. bcg.	bc	bc. om	10.0
Nottingham	1018.2	58	WNW	2	om	1020.0	"	50	+3	N	1	-	om	4	Trace	61	46	C. om	o. p. m	om. c	0.0

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ For code see page 3

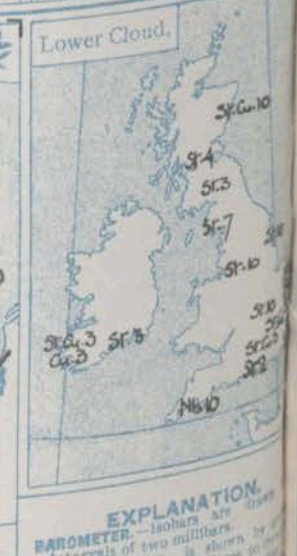
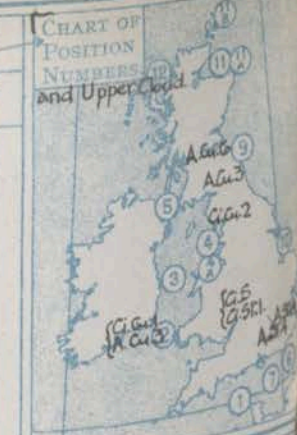


# SUMMARY OF CONDITIONS AT 7 h.G.M.T. 24.8.1920.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Dull, misty; local fog.	Poor	slight
2. E. England	Dull to cloudy; misty.	Fair	smooth
3. E. Midlands	Dull, misty.	Poor	-
4. W. Midlands	Fair to dull; misty.	Indiff	-
5. S.W. England	Dull to cloudy; local rain	Fair	Mod.
6. South Wales	Dull, raining.	Indiff	smooth
7. North Wales	Dull, some rain.	"	calm
8. N.W. England	Dull, local mist.	Good	smooth
9. N. Midlands	Dull, misty.	Indiff	-
10. N.E. England	Dull; local fog.	"	smooth
11. E. Scotland	Fair to dull; local fog.	Poor	slight
12. S.W. Scotland	Dull to cloudy; misty.	Good	smooth
13. Isle of Man	Dull.	Fair	"
14. N. & N.W. Scotland	Dull to cloudy.	"	"
15. Hebrides	Dull; light showers.	"	slight
16. Orkneys and Shetlands	Fair, misty.	Indiff	smooth
17. N.W. Ireland	Dull, misty; some drizzle.	"	V. smooth
18. N.E. Ireland	Dull, misty.	"	"
19. S.E. Ireland	Cloudy.	Fair	"
20. S.W. Ireland	Fair.	Good	slight

Temperature reported from Coastal and Cross-Channel Steamers

Position Number	Date	Time G.M.T.	Sea ° F	Air ° F
3	23rd	0915	55	56
5	23rd	0725	55	54
1	23rd	1130	60	61
6	23rd	1425	60	55
2	24th	0105	56	55
14	24th	0320	58	58
7	24th	0515	60	58



GENERAL INFERENCE from observations received up to 9h. G.M.T.

The anticyclone off our S.W.coasts is almost stationary and the barometric changes in the British Isles are slight. There will be much cloud generally with fairer intervals at times. Small secondaries moving over the British Isles are likely to cause local rain or showers.

EXPLANATION.  
 BAROMETER.—Isobars are drawn at intervals of two millibars.  
 WIND.—Direction is shown by the arrow, and force by the number of flags flying with the wind. Force, 1 flag = 1 mile per hour, 2 flags = 2 miles per hour, 3 flags = 3 miles per hour, 4 flags = 4 miles per hour, 5 flags = 5 miles per hour, 6 flags = 6 miles per hour, 7 flags = 7 miles per hour, 8 flags = 8 miles per hour, 9 flags = 9 miles per hour, 10 flags = 10 miles per hour.  
 TEMPERATURE.—Mean temperature is shown by a circle with the number inside. Mean velocity is shown by a circle with the number inside.  
 WEATHER SYMBOLS.—  
 clear sky. ☐  
 sky 1/4 clouded. ☐  
 overcast sky. ☐  
 snow. ❄️  
 rain. ☔  
 thunder. ⚡  
 SEA DISTURBANCE.—  
 Rough. ~~~~~  
 High. ~~~~~

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 24th August 1920.
1. S.E. England	Light Northerly winds backing later. Much low cloud, fairer at times, some local rain or showers. Visibility fair. Cool.
2. E. England	
3. E. Midlands	
4. W. Midlands	Light or moderate W.to N.W.winds. Much low cloud, local rain or showers, fair intervals. Visibility fair. Temperature higher than of late.
5. S.W. England	
6. South Wales	
7. North Wales	Light Westerly or Southwesterly winds. Cloudy or overcast, local rain or showers. Visibility mainly fair, but some mist or fog in places. Temperature higher than of late.
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	

Further Outlook.  
 None issued



Scale - 1:10,000,000

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# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 237.

TUESDAY  
24 AUGUST.

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 23 <sup>rd</sup>																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.
						22.23.	23.1.	23.1.	22.1.							22.28.	23.1.	23.1.	22.1.
Scotland.	Oban ...	a.p.		57	50	3	0.3	0.0	?	England, N.W.	Douglas (I.O.M.)	?	?	57	51	11	-	2.2	?
	Banff ...	b.c.	b.c.	63	45	-	-	8.5	2.3		Blackpool ...	a.p.	a.p.	57	54	4	0.2	0.0	8.7
	Montrose ...	c.	b.c.	57	45	-	-	4.4	?		Southport ...	a.p.	p.o.	56	53	4	1	0.0	7.6
	St. Andrews ...	c.	c.	61	47	-	-	1.9	?										
England, N.E.	Harrogate ...	c.c.	b.c.	61	43	-	-	4.0	2.3	Midlands.	Buxton ...	b.c.	b.c.	54	47	1	2	0.0	?
	Scarborough ...	b.	b.	67	50	-	-	9.8	0.0		Leamington Spa...	a.p.	a.p.	58	43	2	1	0.0	4.5
	Skegness ...	c.	c.	61	43	-	-	1.0	?		Malvern ...	c.c.	c.c.	63	49	2	-	4.8	3.4
	Lowestoft ...	b.c.	b.c.	62	49	0.2	-	8.9	2.1		Bath ...	b.c.	b.c.	66	45	2	-	3.0	4.6
England, E.	Felixstowe ...	b.c.	b.c.	64	48	0.3	-	10.2	4.0	Wales.	Rhyl ...	b.c.	b.c.	58	50	13	0.3	2.3	3.4
	Southend-on-Sea...	b.c.	b.c.	64	45	-	-	10.6	3.6		Colwyn Bay ...			57	52	21	0.1	8.7	2.7
									Llandudno ...				59	52	20	-	5.5	?	
									Aberystwyth ...		a.p.	b.c.	59	56	10	-	1.3	?	
England, S.E.	Margate ...	b.	b.	63	51	-	-	10.7	2.9	England, S.W.	Tenby ...	a.	b.c.	60	52	-	-	0.4	?
	Ramsgate ...			63	46	2	-	10.8	?		Swansea ...			63	50	1	1	0.2	6.5
	Folkestone ...	b.c.	a.p.	67	49	-	-	8.9	4.0		Weymouth ...	c.	c.p.c.	65	49	-	-	4.0	?
	Hastings ...	a.p.	b.c.	68	46	0.2	-	2.3	7.3		Teignmouth ...	b.c.	b.c.	68	50	-	-	4.3	3.0
	Eastbourne ...			60	49	-	-	0.4	8.6	Torquay ...	b.c.	b.c.	67	50	-	-	4.7	?	
	Brighton ...	c.	a.p.	54	48	-	2	0.1	5.0	Paignton ...	b.c.	c.g.	70	48	-	-	2.5	9.0	
	Worthing ...	a.p.	a.p.	58	46	-	2	0.0	7.1	Penzance ...	b.c.	b.c.	64	55	-	-	5.7	2.5	
	Littlehampton ...	a.c.	a.p.	63	58	-	1	0.0	6.5	Newquay ...	c.b.	b.c.	62	57	-	-	4.5	2.3	
	Portsmouth (S'hea)			62	49	1	-	0.1	8.6	Bude ...	b.c.		63	56	-	-	0.6	5.0	
	Bournemouth ...			64	47	-	-	2.0	5.0	Ilfracombe ...			60	55	-	-	1.3	3.1	
	Ventnor (I. of W.)			64	50	1	-	2.0	3.1	Weston-s-Mare ...	a.p.	c.b.c.	64	53	2	-	-	-	

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.									
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
		7h-18h.	18h-18h.	18h-18h.	1h-7h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.			7h-18h.	18h-18h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.		
Renfrew ...	...	o.f.	o.f.	c.c.	b.c.	56	45	42	0.0	...	...								
Eskdalemuir ...	...			c.c.	c.c.	63	48	4	1.0	...	...								
Valencia (Cahire'n)	...	c.p.	c.p.	c.c.	c.c.	62	56	54	2.7	...	...								
Baldonnel ...	...									...	...								
MANCHESTER (ALP)	...	a.p.	a.p.	a.p.	a.p.	58	47	46	0.1	...	...								
Ross-on-Wye...	...	a.p.	a.p.	b.c.	b.c.	67	59	56	3.4	...	...								
Falmouth ...	...	c.c.	c.c.	c.c.	c.c.	67	55	54	2.9	...	...								
Calshot (Hants)	...	a.p.	a.p.	c.c.	c.c.	63	46	4	0.4	...	...								
Lympne (Folkestone)	...	b.c.	b.c.	c.c.	c.c.	65	48	40	10.3	...	...								
Aberdeen ...	...	a.p.	a.p.	b.c.	b.c.	69	44	36	5.3	...	...								
Howden ...	...	a.p.	a.p.	b.c.	b.c.	64	48	43	5.8	...	...								
Cranwell (Lincs)	...	a.p.	a.p.	c.c.	c.c.					...	...								
Felixstowe ...	...	b.c.	b.c.	b.c.	b.c.	65	49	4	8	...	...								
Shoeburyness ...	...	b.c.	b.c.	c.c.	c.c.	68	44	42	10.8	...	...								
Benson ...	...	c.c.	c.c.	c.c.	c.c.	68	44	41	1	...	...								
S. Farnborough	...	a.p.	a.p.	c.c.	c.c.	68	49	50	0.0	...	...								
London (Kew Obs.)	...	a.p.	a.p.	c.c.	c.c.	60	49	48	0.5	...	...								
Croydon ...	...	a.p.	a.p.	c.c.	c.c.	60	51	4	0.1	...	...								

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).									
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night 17h-9h.	Day 9h-17h.	to 17h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. F.	Min. F.	Night 17h-9h.	Day 9h-17h.	to 17h.	Sunrise to Sunset.
Greenwich (Royal Observatory)										Vertical Component of Solar Radiation per Square Centimetre during yesterday.									
City (Bunhill Row)	...									Total	...								
Westminster (St. James's Park)	...									Average Rate.	...								
Admiralty Arch	...									Maximum Rate.	...								
Camden Sq. (British Rainfall)	...																		
Kensington Palace	...																		
Hampstead Observatory	...																		

Photographic Record of Pole Star (Polaris) and of 8 Ursae Minoris at Greenwich Observatory.										NOTES ON THE WEATHER OF YESTERDAY.									
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night 17h-9h.	Day 9h-17h.	to 17h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. F.	Min. F.	Night 17h-9h.	Day 9h-17h.	to 17h.	Sunrise to Sunset.
Greenwich (Royal Observatory)										Vertical Component of Solar Radiation per Square Centimetre during yesterday.									
City (Bunhill Row)	...									Total	...								
Westminster (St. James's Park)	...									Average Rate.	...								
Admiralty Arch	...									Maximum Rate.	...								
Camden Sq. (British Rainfall)	...																		
Kensington Palace	...																		
Hampstead Observatory	...																		

\* Information for these columns not usually received.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B.21.461

Wednesday... 25th. August..... 1920.

## OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1st, 7th, 12th AND 18th.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.																										
STATIONS.	BAROM. at M.S.L. mb.	1 Change in 3 hours.	WIND.		TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM. at M.S.L. mb.	1 Change in 3 hours.	WIND.		TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.
			Dir.	Force 0-12.					Form.	Am.	Form.	Am.				Dir.	Force 0-12.					Form.	Am.	Form.	Am.	
12H. G.M.T. 24th																										
Renfrew ...	1019.2	0	WSW	3	56	85	6	2,700	Sc	10	-	-	1019.1	0	SW	4	55	85	5	1,250	Sc	10	-	-	-	4
Eskdalemuir ...	1018.7	0	WSW	3	58	65	8	-	Cl	1	asc	8	1019.1	0	W	2	56	75	6	-	asc	3	asc	5	-	4
Valencia (Cahire's) ...	1023.4	+1	NW	3	59	85	7	750	Sc	7	asc	3	1023.7	0	NW	3	58	85	7	1,250	Sc	8	asc	2	-	3
Baldonnel ...	1020.8	-1	WNW	3	62	75	7	1,200	Sc	8	asc	1	1021.4	+1	W	2	58	85	6	1,250	Sc	10	-	-	-	3
12H. G.M.T. OF 25th																										
MANCHESTER (MURPHY) ...	1019.8	0	NW	3	61	65	4	1,200	Cl	8	-	-	1019.9	+1	NW	2	57	75	6	-	-	-	asc	9	-	4
Ross on Wye ...	1020.0	0	E	2	63	55	8	5,700	Cl	3	Cl	1	1019.8	0	-	0	62	75	8	-	-	-	asc	9	-	3
Falmouth ...	1021.4	0	NW	2	63	75	7	-	Sc	7	asc	3	1021.7	0	N	2	59	75	8	-	Sc	6	-	-	-	3
Calshot (Hants) ...	1020.6	+1	-	0	59	85	5	1,250	Sc	10	-	-	1019.8	-1	WSW	1	60	85	5	-	-	-	-	-	-	1
Lymington (Falkstone) ...	1019.5	0	NNE	3	61	65	6	1,250	Sc	9	-	-	1019.2	0	WNW	2	60	75	6	3,000	Sc	4	-	-	-	3
Aberdeen ...	1016.9	-2	S	2	61	65	5	3,000	Cl	10	-	-	1017.2	0	NW	1	57	85	6	4,200	Cl	10	-	-	-	3
Howden ...	1019.4	-1	-	0	61	75	5	2,000	Sc	10	-	-	1019.2	+1	NW	3	58	65	7	1,250	NB	1	asc	?	-	3
Cranwell (Lincoln) ...	1019.8	0	-	0	63	65	5	3,000	Cl	7	-	-	1019.2	0	WSW	1	60	85	5	3,000	Sc	9	-	-	-	3
Felixstowe ...	1019.8	0	-	0	62	65	7	3,000	Sc	9	-	-	1019.8	+1	ESE	2	58	85	6	3,000	Sc	1	-	-	-	3
Shoeburyness ...	1019.5	0	NW	1	61	65	6	3,000	Sc	9	-	-	1019.6	0	NNW	1	61	75	6	3,000	Cl	1	-	-	-	3
Benson ...	1019.5	0	-	0	59	75	3	-	Sc	10	-	-	1019.7	-1	-	0	59	85	3	-	-	-	-	-	-	3
S. Farnborough ...	1020.1	0	NW	1	63	75	5	3,000	Cl	4	asc	3	1019.7	0	NW	1	63	75	5	750	Sc	2	-	-	-	3
London (Kew Obs.) ...	1020.1	0	NNE	2	63	65	5	4,200	Cl	2	-	-	1019.6	-1	NW	1	62	65	5	-	-	-	asc	1	-	3
Croydon ...	1020.1	0	NNE	2	59	75	4	2,000	Sc	9	-	-	1019.4	0	-	0	61	75	4	2,000	Sc	4	-	-	-	3
1H. G.M.T. OF 25th																										
Renfrew ...	1019.9	0	NNW	1	55	85	6	-	Sc	6	asc	4	1020.4	+1	WSW	2	56	92	5	1,200	Sc	10	-	-	-	3
Eskdalemuir ...	1021.2	0	WNW	3	58	75	8	-	Sc	6	asc	4	1020.0	+1	SE	1	58	85	6	2,000	Sc	8	-	-	-	3
Valencia (Cahire's) ...	1021.2	0	W	2	56	92	5	1,250	Sc	10	-	-	1021.2	+1	N	2	56	92	6	750	Sc	10	-	-	-	3
Baldonnel ...	1021.0	0	-	0	56	92	5	1,250	Sc	10	-	-	1021.3	+1	W	2	55	92	5	1,200	Sc	10	-	-	-	3
7H. G.M.T. OF 25th																										
MANCHESTER (MURPHY) ...	1020.0	0	-	0	56	92	5	-	Sc	10	-	-	1020.4	0	NW	1	56	92	5	1,200	Sc	10	-	-	-	3
Ross on Wye ...	1021.1	+1	WSW	1	59	85	8	5,700	Cl	3	Cl	1	1021.1	+1	WSW	1	59	85	8	5,700	Cl	3	Cl	1	-	3
Falmouth ...	1022.5	0	M	1	53	92	6	-	Sc	5	-	-	1022.6	+1	NNW	2	55	92	6	-	Sc	10	-	-	-	3
Calshot (Hants) ...	1020.7	0	-	0	55	92	5	-	Sc	10	-	-	1020.9	0	NNE	1	56	85	4	1,200	Sc	10	-	-	-	3
Lymington (Falkstone) ...	1019.9	-1	-	0	50	97	3	-	-	-	-	-	1019.9	0	NNW	2	54	97	4	-	-	-	asc	7	-	3
Aberdeen ...	1019.8	0	-	0	52	92	6	3,000	Cl	5	asc	5	1020.1	+1	NW	1	54	85	6	4,200	Sc	10	-	-	-	3
Howden ...	1021.5	+1	WNW	3	53	92	5	3,000	Sc	7	asc	3	1019.9	+1	-	0	54	92	6	3,000	Sc	8	asc	2	-	3
Cranwell (Lincoln) ...	1021.5	+1	WNW	3	53	92	5	3,000	Sc	7	asc	3	1020.0	0	NW	2	56	92	5	4,200	Sc	9	asc	2	-	3
Felixstowe ...	1021.5	+1	WNW	3	53	92	5	3,000	Sc	7	asc	3	1020.0	0	NW	2	56	92	5	4,200	Sc	9	asc	2	-	3
Shoeburyness ...	1021.5	+1	WNW	3	53	92	5	3,000	Sc	7	asc	3	1020.0	0	NW	2	56	92	5	4,200	Sc	9	asc	2	-	3
Benson ...	1021.5	+1	WNW	3	53	92	5	3,000	Sc	7	asc	3	1020.0	0	NW	2	56	92	5	4,200	Sc	9	asc	2	-	3
S. Farnborough ...	1021.5	+1	WNW	3	53	92	5	3,000	Sc	7	asc	3	1020.0	0	NW	2	56	92	5	4,200	Sc	9	asc	2	-	3
London (Kew Obs.) ...	1021.5	+1	WNW	3	53	92	5	3,000	Sc	7	asc	3	1020.0	0	NW	2	56	92	5	4,200	Sc	9	asc	2	-	3
Croydon ...	1021.5	+1	WNW	3	53	92	5	3,000	Sc	7	asc	3	1020.0	0	NW	2	56	92	5	4,200	Sc	9	asc	2	-	3
STATIONS CONTRIBUTING REPORTS AT 7H AND 18H.																										
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		WEATHER.	BAROMETER.		TEMPERATURE.		WIND.		Dir.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.					
			Dir.	Force 0-12.		at M.S.L. mb.	1 Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.						
18H. G.M.T. OF 24th																										
Lerwick ...	1016.5	53	S	2	ond	1019.6	+2	57	-2	-	0	-	Comp	0	1	56	48	bcn	o.ond	omp	4					
Stornoway ...	1017.0	57	W	3	bc	1020.7	+2	53	-1	W	2	-	0	2	1	59	49	ap	o.bc	bc.o	2.0					
Castletown (Barrals) ...	1018.5	55	W	2	0	1022.1	+3	54	0	NW	3	-	0	2	0.1	56	63	dp	dp.o	dp.o	0.0					
7H. G.M.T. OF 25th																										
Malin Head ...	1019.0	56	W	2	0m	1021.8	+1	58	+1	NNW	2	NW	0	2	1	56	53	o	o.m	o	0.0					
Blackod Point ...	1020.6	58	W	1	0m	1024.0	+3	55	0	N	2	-	0	2	1	61	55	o.m	o.m	omp	0					
Roche's Point ...	1022.6	61	NW	3	0	1024.1	+2	54	0	NW	2	-	0	2	0.4	61	56	c.bc	bc.c	ad.anc	0					
Birr Castle ...	1021.4	59	SW	1	0	1023.5	+	58	+1	SW	1	-	0	2	0	60	53	o	o	o	0.0					
Donaghadee ...	1019.3	57	S	1	0m	1020.7	+1	56	+6	W	1	-	0m	2	0.1	59	50	o.m	o.m	ond	0					
Liverpool (Biddon) ...	1020.2	56	W	3	0	1021.1	0	54	+3	NNW	3	NW	0	3	-	59	54	epd.co	o.c.og	gdr.o	4.6					
Holyhead ...	1020.6	56	W	2	0.9	1021.6	+1	54	+4	NNW	3	-	omp	2	0.4	60	55	epd.co	o.c.og	gdr.o	0.5					
Pembroke (St. Anne's Head) ...	1022.0	58	NNW	1	bc	1022.9	+	54	+3	NW	2	-	0	2	1	60	53	o.c	c.bcy	ou.og	2.4					
Scilly (St. Mary's) ...	1021.6	60	NNW	2	bc	1024.1	+1	58	0	NNW	2	-	0	2	1	64	56	o.c	c.bc	bc.c	6.4					
Jersey (St. Aubin) ...	1020.3	64	NNW	3	b	1021.2	0	57	-2	NW	2	-	0m	1	-	64	54	c.bc.o	o.b	c.bwn	4.3					
Portland Bill ...	1020.2	60	W	3	b	1021.0	+2	59	+6	W	1	-	0	2	1	63	55	c.bc	bc.b	o	0					
Dungeness ...	1019.0	60	SE	1	bc	1019.8	0	47	-5	N	2	-	0m	2	-	64	44	c.bc	bc	bc.bwn	0					
Wick ...	1016.5	54	NNW	1	0m	1019.8	+2	52	-1	NNW	1	-	0m	1	1	57	56	o.c	o	o	0					
Nairn ...	1016.7	57	-	0	bc	1020.3	+	54	+3	-	0	-	0	1	1	57	56	o.c	c.g.bc	bc.og	0.0					
Leith ...	1017.4	58	W	2	0	1019.3	+1	56	+4	W	1	-	0	1	1	61	58	bc.c.o	o	o	0					
Lymington ...	1017.4	58	W	2	0	1019.3	+1	56	+4	W	1	-	0	1	1	61	58	bc.c.o	o	o	0					
Spurn Head ...	1018.1	57	W	2	cm	1019.1	0	55	+4	W	2	-	0m	1	-	57	57	bc	c.g.m	om.om	0					
Carmouth (Gosport) ...	1018.9	55	E	3	ogm	1019.5	0	55	+3	W	3	-	ogm	2	-	60	58	bc	c.g.m	ogm	0					
Clacton-on-Sea ...	1017.0	56	N	3	bc	1019.4</																				

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

§ For code see page 2.



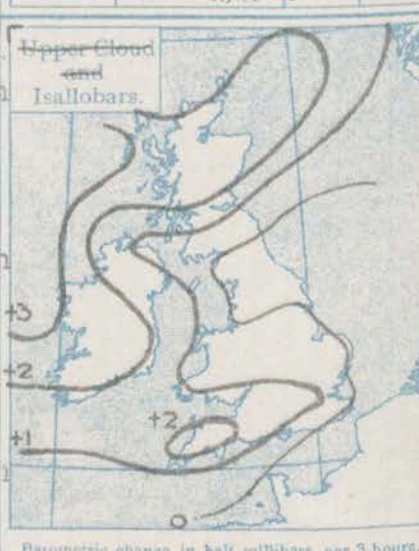
# SUMMARY OF CONDITIONS AT 7 h.G.M.T. 25.8.1920.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Dull, misty; local fog.	Poor	smooth
2. E. England	Fair to dull; misty, local fog.	"	V. smooth
3. E. Midlands	Dull, misty.	"	-
4. W. Midlands	Dull, gloomy.	Variable	-
5. S.W. England	Dull.	Fair	slight
6. South Wales	Dull, gloomy.	"	smooth
7. North Wales	Dull, misty, gloomy.	Indiff.	"
8. N.W. England	Dull, local fog & drizzle	V. poor	slight
9. N. Midlands	Dull, misty.	Poor	-
10. N.E. England	Dull, misty.	Indiff.	V. smooth
11. E. Scotland	Dull, misty.	Fair	smooth
12. S.W. Scotland	Dull, some mist.	"	"
13. Isle of Man	Dull, misty.	Poor	slight
14. N. & N.W. Scotland	Dull, misty.	Indiff.	V. smooth
15. Hebrides	Dull.	Indiff.	smooth
16. Orkneys and Shetlands	Cloudy, misty, showery.	Poor	calm
17. N.W. Ireland	Dull to cloudy.	Indiff.	smooth
18. N.E. Ireland	Dull, some drizzle.	Poor	"
19. S.E. Ireland	Dull.	Poor	V. smooth
20. S.W. Ireland	Dull, misty.	Fair	slight

Temperature reported from Coastal and Cross Channel Steamers

Position Number	Date	Time G.M.T.	Sea °F	Air °F
4a	24th	0820	58	56
12	24th	0800	53	58
5	24th	0810	55	57
1	24th	1120	60	59
3	24th	0915	55	53
2	24th	1050	56	55
7	24th	0315	60	58
2	24th	0100	57	55
4a	25th	0800	58	57
12	25th	0400	54	55
8	25th	0440	61	60

CHART OF POSITION NUMBERS AND UPPER CLOUDS



GENERAL INFERENCE from observations received up to 9h G.M.T.

An anticyclone off our S.W. coasts is likely to continue, and for the next day or two the weather will be mainly dry although cloudy. The wind will be moderate from between West and North and the temperature will be low for the time of year.

**EXPLANATION.**  
**BAROMETER.** - Isobars are drawn at intervals of two millibars.  
**WIND.** - Direction is shown by the arrow, Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in feet per hour by figures in small circles.  
**TEMPERATURE.** - Isotherms are drawn at intervals of 1°.  
**WEATHER SYMBOLS.** -  
 ☉ clear sky. ☁ sky + cloud. ☂ rain falling. ☄ overcast sky. ☂ rain falling. \* snow. ▲ hail. ☂ fog. T thunder. R thunderstorm.  
**SEA DISTURBANCE.** - Rough. High.

Further Outlook.

Districts.	Forecasts for the 24 hours commencing 15h.G.M.T. Wednesday, 25th August, 1920.
1. S.E. England	Light to moderate winds from between W and N; much low cloud, perhaps a few local showers but mainly dry; visibility fair apart from morning mist; cool.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	Moderate N.W. wind; much low cloud, some showers or drizzle locally, but mainly dry; visibility indifferent (to fair; cool.
8. N.W. England	
9. N. Midlands	
10. N.E. England	Same as 1 - 6.
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	Same as 7 - 8.
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	Same as 1 - 6.
19. S.E. Ireland	
20. S.W. Ireland	

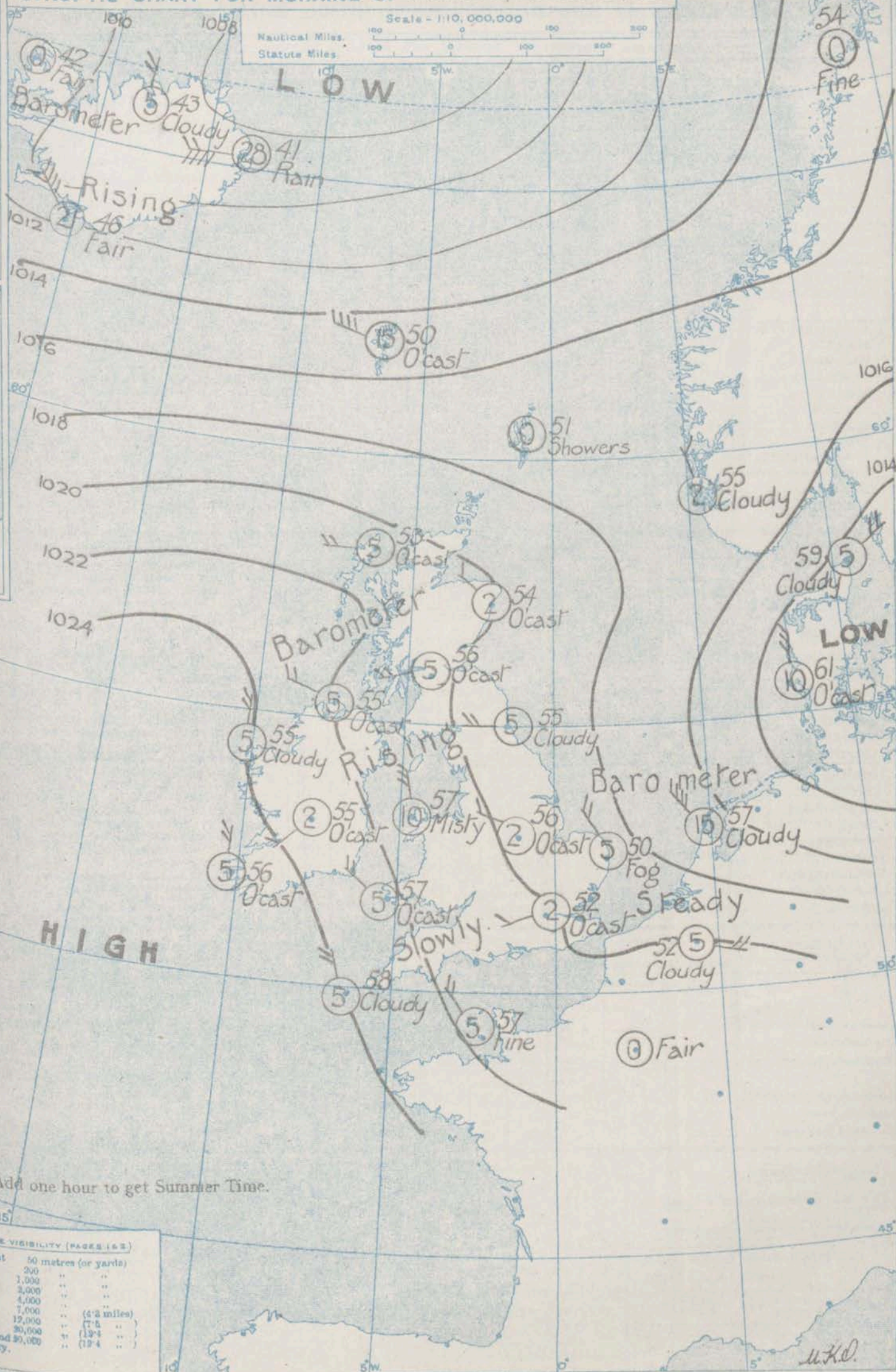
No great change is likely within the next two days.



SYNOPTIC CHART FOR MORNING OF WEDNESDAY, August 25<sup>th</sup>, 1920.

Scale = 1:10,000,000

Nautical Miles  
Statute Miles



Add one hour to get Summer Time.

CLASSIFICATION CODE FOR SURFACE VISIBILITY (PAGE 1-3)			
Objects not visible at	50 metres (or yards)		
Very Poor	200		
Poor	1,000		
Unfair	2,000		
Good	4,000		
Very Good	7,000		
Excellent	12,000		(1/2 miles)
Objects visible beyond 20,000	20,000		1 1/2
Exceptional visibility.	30,000		1 3/4
			2 1/4

F.R.S., Director



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 288.

WEDNESDAY  
25th August 1920

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-19h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-19h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.	
Scotland, N.W.	Oban ... ..	0	0	57	47	mm	mm	hrs	0.0	0.1	Douglas (I.O.M.)							
	Banff ... ..	0.0	0.9	59	43	-	-	1.1	8.5	Blackpool ... ..	bc. bc.		57	54	-	-	5.2	0.2
	Montrose ... ..	0.0	0	66	47	-	-	2.4	5.2	Southport ... ..	0.0.0	bc.0.0	61	53	-	-	3.8	0.0
	St. Andrews ... ..	0	0	63	49	-	-	4.4	1.9	MORECAMBE ... ..	0	0	62	56	-	-	3.8	0.0
England, N.E.	Harrogate ... ..	0.0.0	0.0	65	49	-	-	5.8	4.0	Buxton ... ..	bc. bc.	bc. bc.	60	47	4	-	0.5	0.0
	Scarborough ... ..	0.0	0.0	60	49	-	-	3.8	11.0	Leamington Spa ... ..	0	0.0	61	50	1	-	6.9	0.0
	Skegness ... ..	0	0.0.0	59	51	-	-	3.4	?	Malvern ... ..	0.0	0.0	65	49	-	-	8.5	5.5
England, E.	Lowestoft ... ..	0.0.0	0.0	58	50	-	-	6.1	9.7	Bath ... ..	0.0.0	0.0	68	47	-	-	0.8	3.5
	Felixstowe ... ..	0.3	0.0	64	49	-	-	5.5	10.4	Rhyl ... ..	0.0.0	0.0	58	45	-	-	0.0	3.5
	Southend-on-Sea ... ..	0	0.0.0	66	47	6	-	2.2	11.0	Colwyn Bay ... ..	0	0	59	49	-	-	0.0	3.7
England, S.E.	Tunbridge Wells ... ..	0.0	0	64	48	-	-	6.3	3.9	Llandudno ... ..	0	0	54	47	-	-	0.2	5.5
	Margate ... ..	0	0.0.0	61	54	4	-	4.8	11.3	Aberystwyth ... ..	0.0	0.0	58	52	2	0.3	0.4	1.3
	Ramsgate ... ..	0	0	61	50	4	-	6.7	11.6	Tenby ... ..	0.0	0.0	62	53	1	-	0.9	0.4
	Folkestone ... ..	0.0.0	0.0	64	51	4	-	5.1	8.9	Swansea ... ..	0	0	63	54	-	-	8.9	0.2
	Hastings ... ..	0.0.0	0.0	66	51	-	-	5.9	2.8	Weymouth ... ..	0.0.0	0.0	70	51	-	-	1.5	4.0
	Eastbourne ... ..	0.0.0	0.0	64	51	1	-	7.3	0.4	Teignmouth ... ..	0.0.0	0.0	64	54	0.3	0.4	1.0	4.3
	Brighton ... ..	0.0.0	0.0	65	52	3	-	7.8	0.1	Torquay ... ..	0.0	0.0.0	62	56	1	0.0	0.9	4.7
	Worthing ... ..	0	0.0.0	64	52	3	-	5.4	0.0	Paignton ... ..	0.0	0.0	64	54	-	-	1.5	2.5
	Littlehampton ... ..	0	0.0	63	?	2	-	5.5	0.0	Penzance ... ..	0.0.0	0.0	64	56	2	-	0.2	5.5
	Portsmouth (S. Sea) ... ..	0	0	63	49	-	-	3.6	0.1	Newquay ... ..	0.0.0	0.0	59	56	3	0.2	0.3	4.5
	Bournemouth ... ..	0	0	67	44	-	-	8.5	3.2	Bude ... ..	0	0	65	55	8	-	0.0	0.0
	Ventnor (I. of W.) ... ..	0	0	64	47	2	-	6.0	2.0	Ilfracombe ... ..	0	0	60	55	3	-	9.0	1.4
	Weston-s-Mare ... ..	0.0	0.0	64	51	-	-	-	-									

STATIONS.	SUMMARY FOR PAST 24 HOURS.							
	WEATHER.				TEMP.		RAINFALL.	
	7h-13h	13h-18h	18h-24h	24h-7h	Max. °F.	Min. °F.	Day. 7h-13h	Night. 18h-24h
Renfrew ... ..	0.0.0	0.0.0	0.0.0	0.0.0	54	51	0.0	0.0
Eskdalemuir ... ..	0.0	0.0	0.0.0	0.0.0	60	52	0.0	0.0
Valencia (Cahire'n) ... ..	0.0.0	0.0.0	0.0	0.0	62	56	0.0	0.0
Baldonnel ... ..	0.0.0	0.0.0	0.0	0.0	62	50	0.0	0.0
MANCHESTER (ALX. PH.)	0.0.0	0.0.0	0.0.0	0.0.0	65	53	0.0	0.0
Ross on Wye ... ..	0.0.0	0.0.0	0.0.0	0.0.0	68	47	0.0	0.0
Falmouth ... ..	0.0.0	0.0.0	0.0.0	0.0.0	62	52	0.0	0.0
Calshot (Hants) ... ..	0.0.0	0.0.0	0.0.0	0.0.0	65	?	0.0	0.0
Lymington (Folkestone) ... ..	0.0.0	0.0.0	0.0.0	0.0.0	62	47	0.0	0.0
Aberdeen ... ..	0.0.0	0.0.0	0.0.0	0.0.0	64	48	0.0	0.0
Howden ... ..	0.0.0	0.0.0	0.0.0	0.0.0	63	49	0.0	0.0
Cranwell (Lincs) ... ..	0.0.0	0.0.0	0.0.0	0.0.0	64	51	0.0	0.0
Felixstowe ... ..	0.0.0	0.0.0	0.0.0	0.0.0	65	49	0.0	0.0
Shoeburyness ... ..	0.0.0	0.0.0	0.0.0	0.0.0	64	46	0.0	0.0
Benson ... ..	0.0.0	0.0.0	0.0.0	0.0.0	62	47	0.0	0.0
S. Farnborough ... ..	0.0.0	0.0.0	0.0.0	0.0.0	66	43	0.0	0.0
London (Kew Obs.) ... ..	0.0.0	0.0.0	0.0.0	0.0.0	64	49	0.0	0.0
Croydon ... ..	0.0.0	0.0.0	0.0.0	0.0.0	65	47	0.0	0.0

BEAUFORT NOTATION.			
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.		
e	wet air without rain falling.		
f	fog.		
g	gloom.		
h	hail.		
i	lightning.		
m	mist.		
o	overcast sky.		
p	passing showers.		
q	squalls.		
r	rain.		
rs	sleet, i.e., rain and snow together.		
s	snow.		
t	thunder.		
u	ugly, threatening sky.		
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.		
Capital letters indicate intensity, and repetition of letters continuity, thus:-			
R	heavy rain.		
rr	continuous moderate rain.		
r.s.	continuous light rain.		

LONDON OBSERVATIONS.	
Weather.	Temp.
Morning.	Afternoon.
Greenwich (Royal Observatory)	0
City (Sunhill Row)	0
Westminster (St. James's Park)	0
Camden Sq. (British Museum)	0
Kensington Palace	0
Rampstead Observatory	0

24 HOURS ENDED 24th AUGUST 1920.							
Weather.	Temp.	Min. Temp.	Min. on Grass.	Rainfall.	Sunshine.	Humidity %	
Morning.	Afternoon.	Night.	°F.	°F.	°F.	mm.	Hours.
Greenwich (Royal Observatory)	0	0.0.0	6.0	46	27	3.7	60
City (Sunhill Row)	0	0	6	46	27	3.7	60
Westminster (St. James's Park)	0	0	6	46	27	3.7	60
Camden Sq. (British Museum)	0	0	6	46	27	3.7	60
Kensington Palace	0	0	6	46	27	3.7	60
Rampstead Observatory	0	0	6	46	27	3.7	60

SOUTH MENSINGTON (Meteorological Office).			
Vertical Component of Solar Radiation per Square Centimetre during yesterday.	16h.	24h.	
Total	1160	Joules.	
Average Rate.	25.0	Milliwatts.	
Maximum Rate.	77		

Photographic Record of Pole Star (Polaris) and of 8 Ursae Minoris at Greenwich Observatory.			
Exposure from	to	h.	m.
2.4	2.5	2.4	2.5
Stars.	Duration of Exposure.	Duration of Record.	%
Polaris	7	30	5
8 Ursae Minoris	7	30	4

NOTES ON THE WEATHER OF YESTERDAY.

Temperature was again low for the time of year, and remained below 70° generally. There was very little rain, only a few stations recording 1 mm, and the majority none. There was a fair amount of sunshine in the South and East of England.

\* Information for these columns not usually received.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B 21462 Thursday 26th August 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.

STATIONS.	12H. G.M.T. OF 25th														18H. G.M.T. OF 25th																	
	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Force 0-12.	Weather.	Temp. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Force 0-12.	Weather.	Temp. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.				
Renfrew ...	1021.8	+2	WNW	3	bc	65	55	8	3,000	cu	3	asc	2	2	1023.5	+2	WNW	4	bc	60	65	8	3,000	sc	1	ci	2	2				
Eskdalemuir ...	1022.2	+2	NE	3	0	55	55	6	2,000	sc	9	-	-	2	1023.4	+2	-	0	0	58	85	6	-	sc	10	-	-	3				
Valencia (Cable's)	1026.1	+1	NNE	3	0	60	75	8	2,000	sc	7	asc	3	3	1026.7	+1	NNE	2	c	61	75	8	3,000	cu	7	-	-	3				
Baldonnel ...	1024.3	+1	N	2	0	61	75	6	2,000	sc	7	asc	3	2	1025.3	+1	N	2	bc	61	75	6	4,200	sc	6	-	-	2				
MANCHESTER (Farnborough)	1021.7	+2	NW	2	03f	59	92	3	4,500	sc	10	-	-	2	1022.8	+2	NW	3	02f	60	88	4	2,000	sc	9	-	-	2				
Ross on Wye ...	1021.5	+1	NNW	1	0	62	85	8	2,000	sc	10	-	-	2	1022.5	+1	NNW	2	0m	61	85	6	2,000	sc	10	-	-	2				
Falmouth ...	1022.9	0	NNW	3	0	64	75	7	-	sc	9	-	-	2	1023.5	0	NNW	3	b	61	85	7	-	sc	1	ci	1	2				
Calshot (Hants) ...	1021.3	+1	NNW	2	01f	59	85	6	1,250	sc	10	-	-	1	1021.9	+1	NNW	1	02f	61	85	5	3,000	sc	10	-	-	1				
Lymington (Folkestone)	1020.2	0	NNW	2	03f	58	85	3	4,500	sc	10	-	-	2	1020.6	+1	N	2	02f	59	75	5	1,250	sc	7	asc	2	2				
Aberdeen ...	1021.9	+2	NNW	2	0	59	55	8	4,200	sc	10	-	-	2	1023.8	+2	NW	1	0	57	65	8	4,200	sc	10	-	-	2				
Howden ...	1020.6	+1	NNW	2	01f	63	75	5	3,000	cu	8	asc	2	2	1022.9	+2	NNE	1	c	59	75	7	4,200	cu	4	asc	4	2				
Cranwell (Lincoln)	1020.6	0	NNE	3	bc	63	75	6	3,000	sc	4	asc	2	2	1022.7	+3	NR	2	01f	60	85	6	3,700	sc	10	-	-	2				
Felixstowe ...	1020.0	0	NW	2	01f	61	75	5	2,000	sc	9	-	-	2	1021.1	+1	NNW	3	01f	61	85	5	2,200	sc	10	-	-	2				
Shoeburyness ...	1020.3	0	NNW	1	03f	60	75	4	2,000	sc	8	asc	2	2	1020.8	+1	NNW	1	01f	60	85	5	4,200	sc	4	asc	3	2				
Benson ...	1020.5	+1	NNW	1	02f	55	85	3	-	sc	10	-	-	2	1021.5	+1	NNW	1	0	61	85	3	-	sc	10	-	-	2				
S. Farnborough	1020.9	+1	NNW	2	02f	61	85	5	3,000	sc	5	asc	6	2	1021.2	+1	NNW	1	02f	61	85	5	1,250	sc	4	asc	6	2				
London (Kew Obs.)	1020.8	0	NW	2	02f	61	75	5	3,000	sc	5	asc	5	2	1021.5	+1	N	2	02f	62	75	5	3,000	sc	5	asc	3	2				
Croydon ...	1020.9	0	NNW	2	02f	59	75	5	2,000	sc	7	asc	3	2	1021.6	+1	N	3	02f	61	75	5	3,000	sc	2	asc	3	2				
STATIONS.	1H. G.M.T. OF 26th														7H. G.M.T. OF 26th																	
	Barom. at M.S.L. mb.	Temp. °F.	Wind. Direc.	Force 0-12.	Weather.	Barometer. at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Wind. Direc.	Force 0-12.	Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	Sunshine Hours.											
Renfrew ...	1025.9	+2	N	1	bc	47	85	6	-	sc	4	-	-	2	1027.4	+6	-	0	b	45	97	2	2,000	sc	3	-	-	4				
Eskdalemuir ...	1025.9	+2	-	0	0	47	85	6	-	sc	4	-	-	2	1027.0	+2	-	0	b	53	92	6	-	-	-	-	-	2				
Valencia (Cable's)	1025.6	0	RNE	1	0m	47	85	6	-	sc	4	-	-	2	1025.0	+1	ENE	2	b	51	92	8	4,200	cu	2	asc	1	2				
Baldonnel ...	1025.8	+3	-	0	0	47	85	6	-	sc	4	-	-	2	1025.4	+3	-	0	b	46	92	6	-	-	-	-	-	2				
MANCHESTER (Farnborough)	1025.0	0	NNW	2	01f	58	91	4	-	sc	8	-	-	2	1026.3	+2	E	1	bc	51	92	4	3,000	sc	4	asc	1	2				
Ross on Wye ...	1025.0	0	NNW	2	01f	58	91	4	-	sc	8	-	-	2	1026.7	+3	ENE	1	0m	55	95	6	3,000	sc	10	-	-	2				
Falmouth ...	1025.0	0	NNW	2	01f	58	91	4	-	sc	8	-	-	2	1025.9	+2	NNW	1	0	56	97	7	-	sc	10	-	-	2				
Calshot (Hants) ...	1024.4	+2	NNE	1	02f	57	92	4	2,000	sc	10	-	-	1	1026.5	+3	-	0	b	55	95	6	-	-	-	-	-	1				
Lymington (Folkestone)	1022.9	+2	NNW	4	01f	56	92	6	2,000	sc	6	asc	4	2	1025.1	+3	N	4	bc	53	92	6	1,250	sc	4	asc	1	2				
Aberdeen ...	1025.3	+2	-	0	0m	49	91	7	4,200	sc	9	asc	1	2	1027.0	+1	NW	1	bc	51	95	6	-	-	-	asc	2	2				
Howden ...	1025.3	+2	-	0	0m	49	91	7	4,200	sc	9	asc	1	2	1027.5	+2	-	0	bc	59	92	4	-	-	-	asc	4	2				
Cranwell (Lincoln)	1025.5	0	NNE	3	c	53	92	5	3,000	sc	5	asc	2	2	1026.7	+2	NNE	1	b	52	85	7	4,200	sc	1	asc	1	2				
Felixstowe ...	1025.4	+2	N	3	0	54	95	8	4,200	sc	10	-	-	2	1025.4	+2	N	3	0	54	95	8	4,200	sc	10	-	-	2				
Shoeburyness ...	1025.5	+1	N	2	bc	53	95	7	4,200	cu	6	-	-	2	1025.5	+1	N	2	bc	53	95	7	4,200	cu	6	-	-	2				
Benson ...	1025.7	+3	NNE	1	b	50	97	4	-	-	-	-	-	2	1025.7	+3	NNE	1	b	50	97	4	-	-	-	-	-	2				
S. Farnborough	1026.7	+2	NNE	1	b	50	97	4	-	-	-	-	-	2	1026.7	+2	NNE	1	b	50	97	4	-	-	-	-	-	2				
London (Kew Obs.)	1026.7	+2	N	1	bc	53	95	5	-	-	-	-	-	2	1026.7	+2	N	1	bc	53	95	5	-	-	-	-	-	2				
Croydon ...	1026.5	+2	NNE	3	b	53	95	4	-	-	-	-	-	2	1026.5	+2	NNE	3	b	53	95	4	-	-	-	-	-	2				
STATIONS CONTRIBUTING REPORTS AT 7H. AND 15H.																																
STATIONS.	Barom. at M.S.L. mb.	Temp. °F.	Wind. Direc.	Force 0-12.	Weather.	Barometer. at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Wind. Direc.	Force 0-12.	Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	Sunshine Hours.											
Lerwick ...	1021.2	52	W	3	cm	1023.9	0	51	0	W	1	-	0	0	-	58	46	bc.m	bc.m	cm	2											
Stornoway ...	1024.4	56	NW	3	c	1025.5	0	54	+1	SW	2	-	0	2	-	58	48	c	c	co	3.7											
Castell Bay (Barra)	1026.3	55	NW	3	bc	1027.6	0	55	+1	WNW	2	-	adpm	2	0.2	56	49	0	0	bc	3.2											
Malin Head ...	1025.9	54	NW	3	0	1027.2	0	54	-1	NW	2	-	bc	2	-	56	52	c	0	bc	0.2											
Blackod Point ...	1026.6	58	NNE	3	bc	1028.2	+1	48	-7	-	0	-	bm	1	0.2	61	45	bc	c.bc	bc.m	2											
Roche's Point ...	1025.9	60	NNW	2	bc	1027.9	+1	52	-5	N	1	-	bc	1	0.2	63	50	0	a.c.bc	bcw	2											
Birr Castle ...	1024.2	57	NW	3	c	1028.8	0	41	-14	NW	1	-	f	2	-	61	39	co	c	cf	3.3											
Donaghadee ...	1026.5	57	N	3	b	1027.1	+1	54	-2	NE	3	-	bm	3	-	61	44	omd bc	bm	bmom	2											
Liverpool (Bidston)	1023.2	58	NNW	3	0	1026.9	+2	55	-2	W	1	-	og	1	-	59	54	og	0	bc	0.0											
Holyhead ...	1024.3	57	NNE	4	c.g.	1026.8	+1	51	-6	-	0	-	bw	0	0.2	-	-	opd m	opd m	c.bw	0.0											
Pembroke (St. Mary's Head)	1024.9	58	N	2	c	1026.7	+1	55	-2	N	2	-	c	2	-	63	53	o.c.	c	coc	1.7											
Scilly (St. Mary's)	1024.5	60	NNE	2	0	1026.1	0	58	0	ENE	2	-	b	3	-	64	57	o.c.	0	oabc	0.2											
Jersey (St. Aubin)	1021.8	62	NNE	3	0m	1024.5	+1	59	+2	NE	3	-	cm	2	-	65	55	o.c.	o.c.	obwcm	2.4											
Portland Bill ...	1021.7	61	-	0	0	1025.0	+2	57	-2	NE	3	-	c	3	-	63	54	0	0	c	2											
Dunneen ...	1020.1	61	WSW	2	c	1024.6	+2	54	+7	NE	4	-	b	3	-	62	44	c.m	o.c	c	2											
Wick ...	1023.6	63	NNW	2	c	1025.1	0	50	-2	-	0	-	c	0	-	58	42	o.m.bc	bc.pda	o.bcc	2											
Nairn ...	1023.9	55	NW	1	c	1026.1	0	50	-4	-	0	-	c	1	-	59	43	c.bc	bc.c	eg	0.7											
Leith ...	1022.6	40	NE	1	c	1026.8	+1	49	-7	W	1	-	bm	1	-	64	49	o.c	o.c	ewmb	2											
Lynmouth ...	1023.7	56	N	1	bm	1027.4	+2	51	-4	SW	2	-	cm	1	-	58	49	o.m.	bc.m	bmcm	2											
Spurn Head ...	1022.4	56	NW	4	c	1028.6	+1	53	-2	NNW	4	-	bc	2	-	62	45	o.g.m.	c.m.	b	2											
Yarmouth (Old Harbor)	1020.6	56	NNE	3	m	1024.6	+1	55	+5	N	4	-	c	3	-	61	50	o.c	o.c	mcm	1.2											
Clacton-on-Sea ...	1020.8	62	NW	2	0	1025.2	+2	52	0	NW	3	-	c	2	-	62	48	o.g.m	o.g.m	ogmc	0.2											
Nottingham ...	1022.3	61	N	2	c	1027.4	0	47	-9	NW	1	-	bm	2	-	66	42	o.c	c.p.m	c	0.5											

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

§ For code see page 3.



# SUMMARY OF CONDITIONS AT 7 h.G.M.T.26.8.1920.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Fair to fine, misty.	Indiff.	Slight.
2. E. England	Fair to dull.	Good	Smooth.
3. E. Midlands	Fine; misty.	Indiff.	-
4. W. Midlands	Fine to dull.	"	-
5. S.W. England	Fine to dull.	Good	Slight.
6. South Wales	Cloudy.	"	Smooth.
7. North Wales	Fine to dull.	Indiff.	Calm.
8. N.W. England	Fine to dull; local fog.	Poor	Smooth.
9. N. Midlands	Fine to fair; misty.	Indiff.	-
10. N.E. England	Fine to cloudy; misty.	"	V.Smooth
11. E. Scotland	Fine to cloudy; misty.	Fair	Smooth.
12. S.W. Scotland	Fine.	"	"
13. Isle of Man	Fine, misty.	Indiff.	"
14. N. & N.W. Scotland	Dull to cloudy.	Fair	V.Smooth
15. Hebrides	Dull; some drizzle.	Indiff.	Smooth.
16. Orkneys and Shetlands	Dull.	Fair	Calm.
17. N.W. Ireland	Fine to fair; misty.	Indiff.	V.Smooth.
18. N.E. Ireland	Fine to fair; misty.	"	Smooth.
19. S.E. Ireland	Fine to fair.	Good	V.Smooth
20. S.W. Ireland	Fine to fair.	V.Good	Smooth.

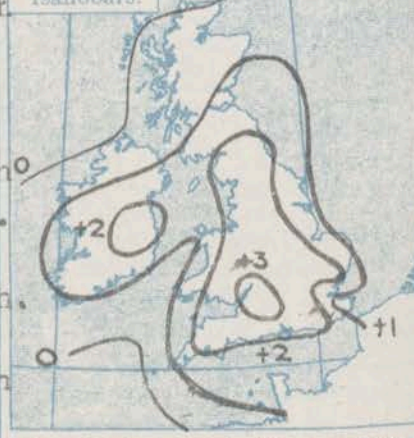
Temperature reported from Coastal and Cross Channel Steamers.

Position Number.	Date	Time G.M.T.	Sea ° F	Air ° F
2	25	0400	57	56
4A	"	0300	55	57
12	"	0400	54	55
8	"	0440	51	60
5	"	0535	54	56
3	"	0515	56	58
1	"	1130	60	61
2	26	0505	56	57
7	"	0300	61	59
12	"	0315	53	54
4A	"	0305	59	57
5	"	0401	54	56

CHART OF POSITION NUMBERS and Upper Cloud.



Upper Cloud and Isallobars.



Lower Cloud.



Barometric change in half millibars per 3 hours.

GENERAL INFERENCE from observations received up to 9h. G.M.T.

An anticyclone over Ireland will be centred over England before long. Light breezes with fair to fine weather are probable for the next two or three days except in the North of Scotland, where the wind will freshen from S.W. and the weather will be mainly dull, and may become showery before long.

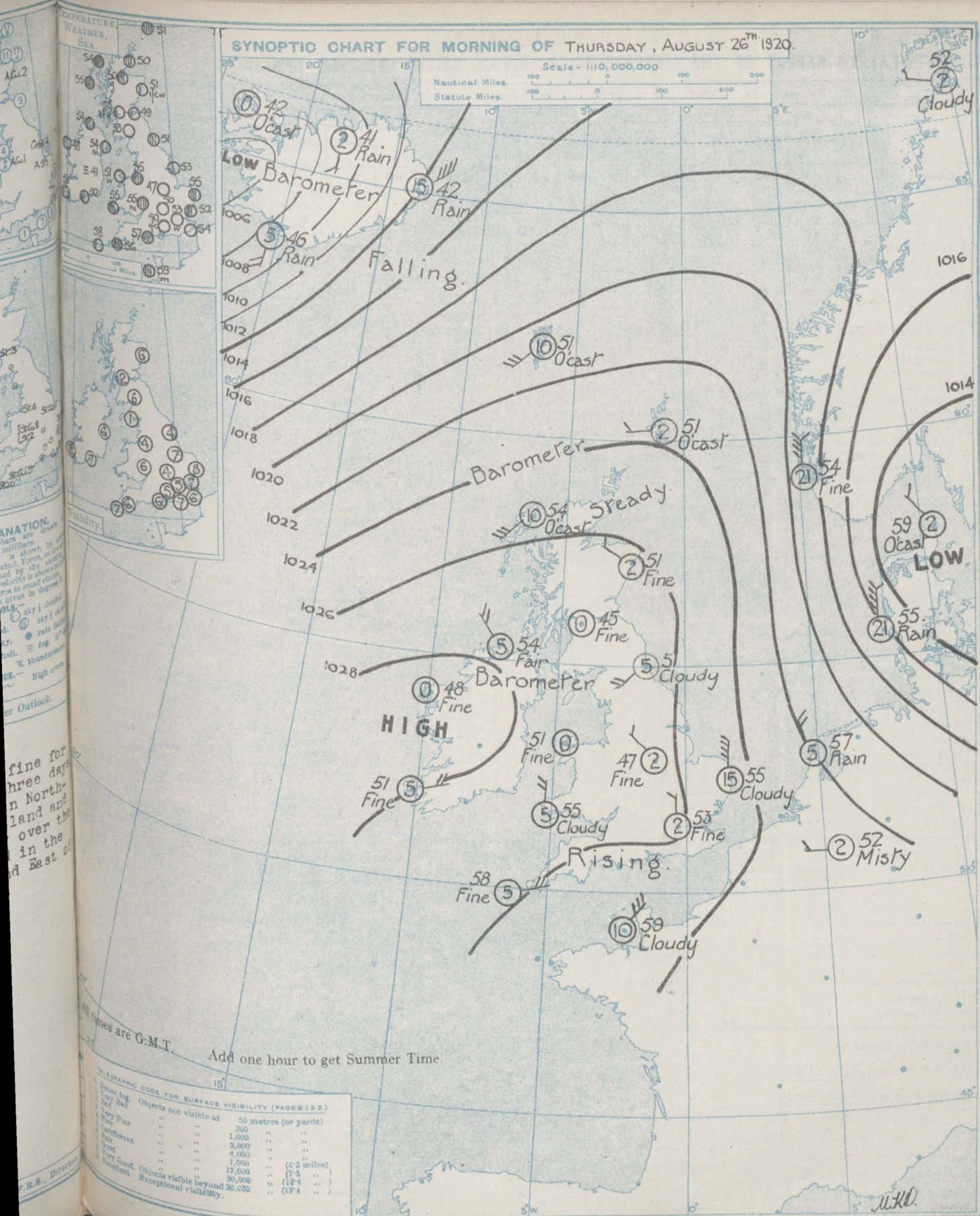
EXPLANATION.  
BAROMETER.—Isobars are drawn at intervals of two millibars.  
WIND.—Direction is shown by the arrow pointing to the right. Force, in knots, is indicated by the number of feathers. Mean velocity is shown in feet per hour by figures in small circles.  
TEMPERATURE.—Temperature is given in degrees Fahrenheit.  
WEATHER SYMBOLS.—  
☉ clear sky. ☁ sky & clouds. ☂ rain falling. ☄ overcast sky. ☄ rain falling. \* snow. ▲ hail. ☄ fog. ☄ thunder. T. thunder. R. thunder. SEA DISTURBANCE.—High. Rough. Further Outlook.

Districts.	Forecasts for the 24 hours commencing 15h.G.M.T. Thursday, 26th August, 1920.
1. S.E. England	Light Northerly breezes; fair to fine, visibility mainly good, but some mist at night; cool.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Light N.E. to indefinite breezes; fair to fine, visibility mainly good, but some mist at night; cool.
6. South Wales	
7. North Wales	Light N.W. breeze, backing to W. or S.W.; mainly fair to fine, but cloudy at times, visibility mainly good, but some mist at night; cool.
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	Light to moderate W. breeze, backing to S.W. and freshening; sky mainly overcast, some showers before long, visibility good; cool.
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	Same as 7 - 13.
19. S.E. Ireland	Light indefinite breezes; fair to fine, mist or fog at night; cool.
20. S.W. Ireland	

Fair to fine for two or three days except in Northern Scotland and possibly over the week-end in the South and East of England.



SYNOPTIC CHART FOR MORNING OF THURSDAY, AUGUST 26<sup>TH</sup> 1920.



Add one hour to get Summer Time

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 132)			
Very Poor	00	250	(1/4 mile)
Poor	01	1,000	" "
Fair	02	2,000	" "
Good	03	4,000	" "
Very Good	04	7,000	" "
Excellent	05	12,000	" "
Objects visible beyond 26,000		30,000	" "
Exceptional visibility.		0000	" "



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 229.

Thursday  
26th August 1920

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

STATIONS.	WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		
	Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. inches.	Day. 9h-17h. inches.	to 17h. inches.	Sunrise to Sun- set. inches.		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. inches.	Day. 9h-17h. inches.	to 17h. inches.	Sunrise to Sun- set. inches.	
Scotland, N.W.	Oban ... ..	c.c.	bc	62	53	1	-	71	0.0	Douglas (L.O.M.)	4	4	60	54	1	-	4.7	?
England, N.E.	Banff ... ..	c.c.	c.o	59	51	0.1	-	1.0	1.1	Blackpool ... ..	5.0	c.c.	62	50	0.1	-	0.1	5.1
	Montrose ... ..	c.	c	63	53	-	-	0.6	1.9	Southport ... ..	0.	0.0.0.0	61	55	0.2	-	0.8	3.8
	St. Andrews ... ..	0	c	62	48	-	-	2.7	4.4	MORCAMBE	4	4	63	56	-	-	-	-
England, E.	Harrogate ... ..	0	0	60	52	-	-	0.0	5.8	Buxton ... ..	0.0	c.b	64	51	0.2	-	0.4	0.5
	Scarborough ... ..	bc.	bc	68	49	-	-	3.9	3.8	Leamington Spa...	0.0	c.b	64	51	0.2	-	0.4	0.5
	Skegness ... ..	0	m.0	60	48	-	-	0.1	3.4	Malvern ... ..	0	0	64	55	-	-	0.0	9.1
England, S.E.	Lowestoft ... ..	0.0.0	c.0	59	48	-	-	1.8	6.9	Bath ... ..	0	0	64	55	-	-	0.0	0.8
	Felixstowe ... ..	0.0	0.0	63	51	-	-	0.3	6.5	Rhyl ... ..	c.	0.0	59	55	-	-	0.0	0.0
	Southend-on-Sea...	0.0	0	63	48	-	-	0.1	3.0	Colwyn Bay ... ..	4	4	60	55	-	-	0.0	0.0
England, S.E.	Tunbridge Wells	0	0	60	44	-	-	0.0	6.5	Llandudno ... ..	4	4	59	55	-	-	0.0	0.2
	Margate ... ..	0	0	60	51	-	-	0.0	5.9	Aberystwyth ... ..	0.0.0	0.0	60	54	0.3	-	3.4	0.9
	Ramsgate ... ..	0	0	60	47	-	-	0.2	7.6	Tenby ... ..	bc	bc.c	67	51	-	-	2.2	0.9
	Folkestone ... ..	0.	c.0	61	52	-	-	0.0	5.1	Swansea ... ..	4	4	68	53	-	-	0.8	9.7
	Hastings ... ..	0.0	0.0	62	52	-	-	0.0	6.2	Weymouth ... ..	4	4	67	54	-	-	1.3	1.5
	Eastbourne ... ..	0	0	61	48	-	-	0.0	7.8	Teignmouth ... ..	bc.c	0	66	53	-	-	1.8	1.4
	Brighton ... ..	0	0	62	50	-	-	0.0	7.8	Torquay ... ..	0.3.0.0	3.0.0	65	52	-	-	2.2	1.1
	Worthing ... ..	0.	0.0.0	63	49	-	-	0.5	6.6	Paignton ... ..	bc.0	bc.0	66	48	-	-	0.3	2.0
	Littlehampton ... ..	0.0	0.0.0	61	51	0.2	-	0.2	6.5	Penzance ... ..	0.0.0	0.0	64	54	-	-	0.5	1.2
	Portsmouth (S'ham)	4	4	61	53	-	-	0.0	4.1	Newquay ... ..	0.0.0	0.0.0	62	56	-	-	0.3	1.0
	Bournemouth ... ..	0	0	62	54	0.3	-	0.0	10.0	Bude ... ..	0	0	63	52	-	-	1.5	0.0
	Ventnor (I. of W.)	0	0	60	54	-	-	0.0	6.4	Ilfracombe ... ..	0.	0.0.0	63	56	-	-	0.2	9.0
									Weston-s-Mare ... ..	0.0	bc.c	66	55	-	-	-	-	

### SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUN.	
	7h-13h.	13h-18h.	Max.	Min.	Night.	Day.	Night.	Sun.
Renfrew ...	0.0.0	bc.c	66	41	36	44	36	9.0
Eskdalemuir ...	0.0	0.0	59	40	35	44	35	0.7
Valencia (Cahire'n)	0.0	0.0	62	50	45	44	35	3.2
Baldonnel ...	0	c.0	64	40	36	44	35	2.4
MANCHESTER (P.O. H.)	0.0.0	0.0	61	50	41	44	35	4
Ross on Wye ...	0.0	0.0	62	50	41	44	35	0.0
Falmouth ...	0.0	0.0	65	54	48	44	35	2.0
Calshot (Hants) ...	0.0	0.0	62	54	48	44	35	0.0
Lympne (Folkestone)	0.0	0.0	59	50	33	44	35	0.0
Aberdeen ...	0.0	0	59	43	34	44	35	0.5
Howden ...	0.0	0.0	64	46	36	44	35	0.5
Cranwell (Lines) ...	0.0	0.0	65	46	36	44	35	0.6
Felixstowe ...	0.0	0.0	64	49	36	44	35	0.4
Shoeburyness ...	0.0	0.0	63	48	42	44	35	0.3
Benson ...	0	0	63	47	42	44	35	0.1
S. Farnborough ...	0.0.0	0.0	64	46	38	44	35	0.1
London (Kew Obs.)	0.0	0.0	63	51	42	44	35	0.9
Croydon ...	0.0	0.0	62	49	36	44	35	0.4

### BEAUFORT NOTATION.

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.  
e wet air without rain falling.  
f fog. g gloom.  
h hail. i lightning.  
m mist. o overcast sky.  
p passing showers.  
q squalls. r rain.  
rs sleet, i.e., rain and snow together.  
s snow. t thunder.  
u ugly, threatening sky.  
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.

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

### THE BEAUFORT SCALE OF WIND FORCE.

Limits of Velocity at about 30 feet above ground.		
No.	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-0.9
2	4-7	1.0-1.9
3	8-12	2.0-2.9
4	13-18	3.0-3.9
5	19-24	4.0-4.9
6	25-31	5.0-5.9
7	32-38	6.0-6.9
8	39-46	7.0-7.9
9	47-54	8.0-8.9
10	55-63	9.0-9.9
11	64-75	10.0-10.9
12	Above 75	11.0 or above

### SYMBOLS-

Aurora ☄ Solar halo ☉  
Rime ☄ Lunar halo ☉  
Glazed frost ☄ Solar corona ☉  
Glazed roads ☄ Lunar corona ☉

LONDON OBSERVATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		HUMIDITY %	
	Morning.	Afternoon.	Night.	Max.	Min.	Min. on Grass.	Sunrise to Sunset.	Hours.	15h.	9h.
Greenwich (Royal Observatory)	0	0	cbcc	63	50	43	0.0	69	71	71
City (Bunhill Row)	0	0	0	63	52	45	0.0	67	68	68
Westminster (St. James's Park)	0	0	bc	63	52	45	0.0	67	68	68
Camden Sq. (British Rainfall)	0	0	0	63	49	44	0	71	70	70
Kensington Palace	0.0	bc.0	0	64	50	45	0	74 (18h)	68	68
Hampstead Observatory	0	0	0	61	48	4	0.0	0	70	70

### SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.	
Total	426 Joules.
Average Rate	9.7 Milliwatts.
Maximum Rate	30

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

Stations.	26th August 1920.	
	Sunrise G.M.T.	Sunset G.M.T.
Yarmouth...	4.54	11.52
Greenwich	5.4	12.1
Wick	5.59	12.18
Valencia	5.46	12.18

Photographic Record of Pole Star (Polaris) and of 8 Ursae Minoris at Greenwich Observatory.			
Exposure from 25.30 h. to 25.45 m.			
Stars.	Duration of Exposure.	Duration of Record.	
Polaris	7 30	h. m.	%
8 Ursae Minoris	7 30	1. 2.8	39

### NOTES ON THE WEATHER OF YESTERDAY.

The temperature failed to reach 70°, even in the South of England. There was little or no rain, but much cloud, most stations recording only an hour or two of bright sunshine, and many none. Mist or fog again occurred in many parts of the country.

\* Information for these columns not usually received.



8 For code see page 8





Lower Cloud.

Sea

St. 10

Fog

1

2

3

4

5

6

**EXPLANATION.**  
**BAROMETER.**—Inches are shown  
 interval of two millibars.  
**WIND.**—Direction is shown by  
 flying with the wind. Force, in  
 0-12, is indicated by the number of  
 feathers. Mean velocity is shown  
 per hour by figure in small circle.  
**TEMPERATURE**—is given in degrees.  
**WEATHER SYMBOLS.**  
 clear sky. ☁ sky 1 cloud.  
 ☁ sky 2 clouds. ☁ sky 3 clouds.  
 ☁ sky 4 clouds. ☁ sky 5 clouds.  
 overcast sky. ☁ rain falling.  
 \* snow. ▲ hail. ☁ fog.  
 T thunder. ⚡ thunderstorm.  
**SEA DISTURBANCE.** High seas.  
 Rough.

Further Outlook.

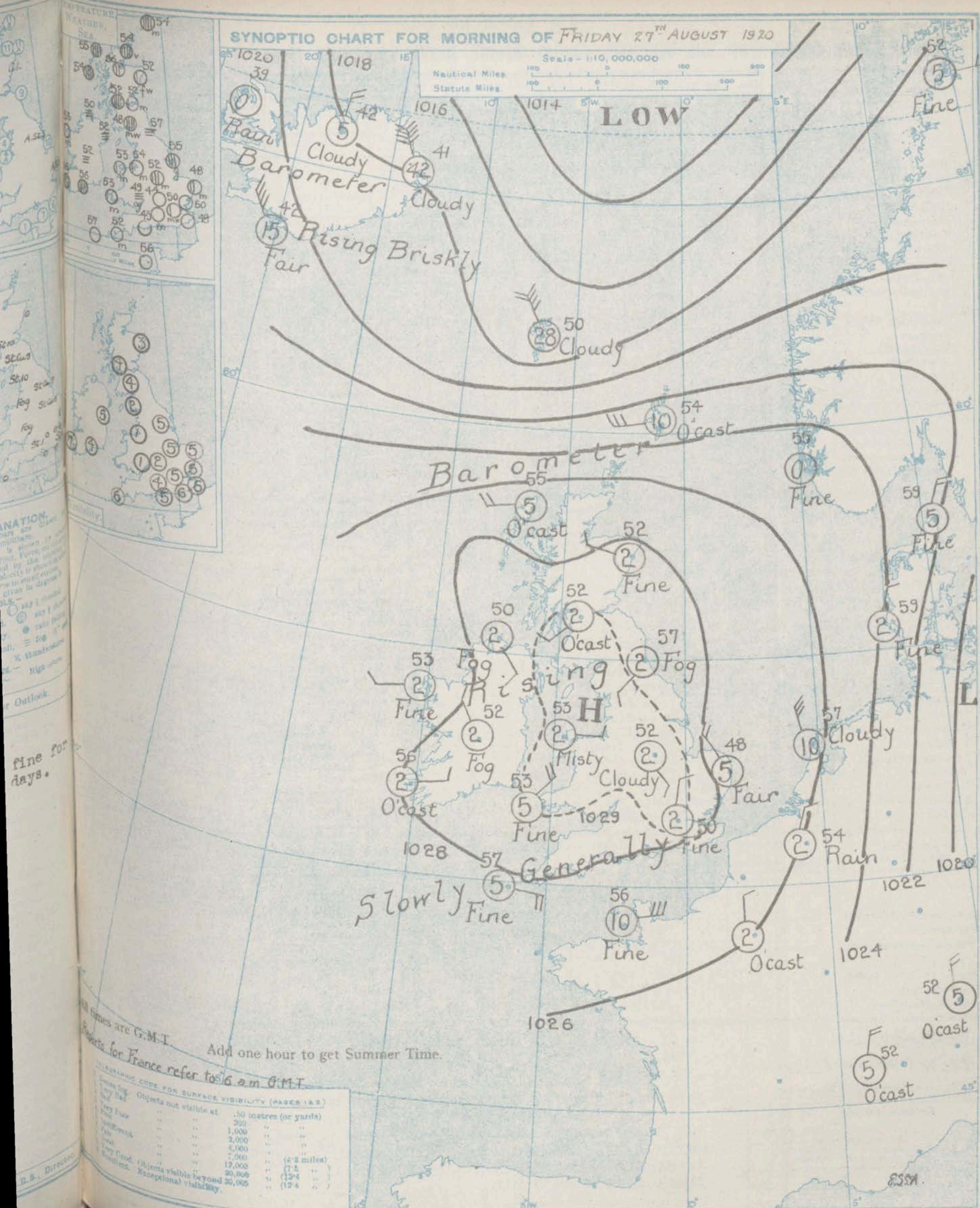
\* Fair or fine for several days.

Districts.	Forecasts for the 24 hours commencing 15h.G.M.T. Friday, 27th August, 1920.
1. S.E. England	Light or moderate N. or N.E. winds; fair or fine, morning mist, visibility fair or good during day; warmer than of late.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Light indefinite breezes; fair or fine, morning mist or fog, visibility fair to good during day; warmer than of late.
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	Light or moderate S.W. to W. winds; variable sky, perhaps local showers, visibility fair; cool.
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	As for 3 - 13.
18. N.E. Ireland	
19. E.E. Ireland	
20. S.W. Ireland	



# SYNOPTIC CHART FOR MORNING OF FRIDAY 27<sup>TH</sup> AUGUST 1920

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



fine for days.

times are G.M.T. Add one hour to get Summer Time.  
For France refer to 6 a.m. G.M.T.

CODE FOR SURFACE VISIBILITY (PAGE 123)

Code	Meaning
0	Objects not visible at 200 metres (or yards)
1	200
2	1,000
3	2,000
4	3,000
5	4,000
6	5,000
7	6,000
8	7,000
9	8,000
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13	12,000
14	13,000
15	14,000
16	15,000
17	16,000
18	17,000
19	18,000
20	19,000
21	20,000
22	21,000
23	22,000
24	23,000
25	24,000
26	25,000
27	26,000
28	27,000
29	28,000
30	29,000
31	30,000
32	31,000
33	32,000
34	33,000
35	34,000
36	35,000
37	36,000
38	37,000
39	38,000
40	39,000
41	40,000
42	41,000
43	42,000
44	43,000
45	44,000
46	45,000
47	46,000
48	47,000
49	48,000
50	49,000
51	50,000
52	51,000
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64	63,000
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67	66,000
68	67,000
69	68,000
70	69,000
71	70,000
72	71,000
73	72,000
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137	136,000
138	137,000
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144	143,000
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146	145,000
147	146,000
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188	187,000
189	188,000
190	189,000
191	190,000
192	191,000
193	192,000
194	193,000
195	194,000
196	195,000
197	196,000
198	197,000
199	198,000
200	199,000

E.S. Director



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 240

Friday  
27<sup>th</sup> August

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 26 <sup>th</sup>																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.
						25-26	26	26	25							25-26	26	26	25
Scotland.	Oban ... ..	bc.	c.o	59	42	-	-	1.5	7.7	England, N.W.	Douglas (I.O.M.)	*	*	65	48	-	-	10.8	4.1
	Banff ... ..	bc.c	c.c	62	45	0.3	-	3.7	1.0		Blackpool ... ..	bc.	bc.	67	50	-	-	9.0	0.1
	Montrose ... ..	bc.c	c	62	48	-	-	6.8	0.6		Southport ... ..	bc.c	bc.b	64	55	0.1	-	7.5	0.2
	St. Andrews ... ..	c	c	68	48	-	-	8.3	3.2		MORECAMBE.	*	*	67	58	-	-	9.4	1.5
England, N.E.	Harrogate ... ..	c.bc.b	b	68	45	-	-	7.5	2.1	Midlands.	Buxton ... ..	bc.c	bc.	63	46	1	-	5.4	?
	Scarborough ... ..	b	b	66	49	-	-	7.8	4.7		Leamington Spa...	b	bc	65	50	-	-	8.5	1.7
	Skegness ... ..	c.b.	bc.	62	46	-	-	8.4	0.3		Malvern ... ..	c.c	bc.b	65	52	-	-	6.7	?
England, E.	Lowestoft ... ..	c.bc.c	c.bc	58	50	-	-	5.7	1.8	Wales.	Bath ... ..	b	bc	68	54	-	-	8.7	0.0
	Felixstowe ... ..	bc	c	63	49	-	-	4.1	0.3		Rhyl ... ..	bc.b	b	61	53	-	-	8.0	0.0
	Southend-on-Sea...	bc.c.o	c.c.bc	63	48	-	-	3.8	0.1		Colwyn Bay ... ..	*	*	62	52	-	-	6.0	0.0
England, S.E.	Tunbridge Wells	bc.c.o	c.c.o	61	48	-	-	2.2	0.0	England, S.W.	Llandudno ... ..	*	*	63	49	-	-	9.0	0.0
	Margate ... ..	c	c	59	54	-	-	0.3	0.0		Aberystwyth ... ..	c.b.	bc.b	62	54	-	-	7.9	5.2
	Ramsgate ... ..	*	*	62	52	-	-	2.7	0.2		Tenby ... ..	c.	b	66	55	-	-	4.7	3.6
	Folkestone ... ..	bc.	bc.c.v	61	53	-	-	4.1	0.0		Swansea ... ..	*	*	66	57	-	-	7.8	0.8
	Hastings ... ..	b	bc.c	64	51	-	-	0.5	0.0	Weymouth ... ..	bc.	b	69	56	-	-	7.0	1.3	
	Eastbourne ... ..	bc.	c	64	51	-	-	7.1	0.0	Teignmouth ... ..	bc.	bc.b	66	56	-	-	6.8	1.8	
	Brighton ... ..	b	bc.c.o	67	53	-	-	8.3	0.0	Torquay ... ..	bc.c	b	65	55	-	-	7.1	2.2	
	Worthing ... ..	bc.	bc.	65	52	-	-	10.1	0.5	Paignton ... ..	bc.	b	67	52	-	-	5.4	0.6	
	Littlehampton ... ..	bc.	c.c	64	52	-	-	8.3	0.2	Penzance ... ..	c.bc.	bc.b	66	54	-	-	4.0	1.6	
	Portsmouth (S'beas)	*	*	66	54	-	-	11.0	0.0	Newquay ... ..	bc.mc	bc.c	66	51	-	-	4.2	1.6	
	Bournemouth ... ..	*	*	64	53	-	-	10.0	0.0	Bude ... ..	bc.	c	69	?	-	-	4.9	1.5	
	Ventnor (I. of W.)	*	*	65	53	-	-	10.8	0.0	Ilfracombe ... ..	c	bc.b	64	55	-	-	5.7	0.2	
											Weston-s-Mare ... ..	c.bc.b	b	67	57	-	-		

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.									
STATIONS.		WEATHER.				TEMP.		RAINFALL.		Sun.		No.		Limits of Velocity at about 30 feet above ground.		Metres per second.		Symbols.	
		7h-13h	13h-18h	18h-24h	24h-7h	Max. F.	Min. F.	Day. 7h-13h	Night. 18h-24h	Hours.	Hours.	0	1	2	3	4	5	6	7
Renfrew	...	bc.c	bc.	bc.c	bc.c	66	50	4.0	-	5.5	5.5	0	1	2	3	4	5	6	7
Eskdalemuir	...	bc.c	bc.c	bc.c	bc.c	65	43	3.9	-	7.0	7.0	1	2	3	4	5	6	7	8
Valencia (Cahire'a)	...	bc.c	bc.c	bc.c	bc.c	63	51	4.6	-	12.1	12.1	2	3	4	5	6	7	8	9
Baldonnel	...	bc.c	bc.c	bc.c	bc.c	61	40	-	-	12.0	12.0	3	4	5	6	7	8	9	10
Manchester (Alex. Pk.)	...	bc.c	bc.c	bc.c	bc.c	65	45	4.1	-	Trace	Trace	4	5	6	7	8	9	10	11
Ross on Wye	...	bc.c	bc.c	bc.c	bc.c	66	43	3.9	-	8.7	8.7	5	6	7	8	9	10	11	12
Falmouth	...	bc.c	bc.c	bc.c	bc.c	64	49	4.2	-	9.2	9.2	6	7	8	9	10	11	12	13
Calshot (Hants)	...	bc.c	bc.c	bc.c	bc.c	68	49	-	-	11.6	11.6	7	8	9	10	11	12	13	14
Lymington (Folkestone)	...	bc.c	bc.c	bc.c	bc.c	61	44	3.5	-	Trace	Trace	8	9	10	11	12	13	14	15
Aberdeen	...	bc.c	bc.c	bc.c	bc.c	61	47	4.3	-	5.2	5.2	9	10	11	12	13	14	15	16
Howden	...	bc.c	bc.c	bc.c	bc.c	66	46	4.2	-	3.3	3.3	10	11	12	13	14	15	16	17
Cranwell (Lincs)	...	bc.c	bc.c	bc.c	bc.c	64	46	-	-	10.4	10.4	11	12	13	14	15	16	17	18
Felixstowe	...	bc.c	bc.c	bc.c	bc.c	64	45	-	-	8	8	12	13	14	15	16	17	18	19
Shoeburyness	...	bc.c	bc.c	bc.c	bc.c	62	43	3.6	-	3.9	3.9	13	14	15	16	17	18	19	20
Benson	...	bc.c	bc.c	bc.c	bc.c	64	39	3.5	-	-	-	14	15	16	17	18	19	20	21
S. Farnborough	...	bc.c	bc.c	bc.c	bc.c	66	37	3.5	-	3.7	3.7	15	16	17	18	19	20	21	22
London (Kew Obs.)	...	bc.c	bc.c	bc.c	bc.c	62	45	3.5	-	8.6	8.6	16	17	18	19	20	21	22	23
Croydon	...	bc.c	bc.c	bc.c	bc.c	62	39	-	-	8	8	17	18	19	20	21	22	23	24

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).									
STATIONS.		WEATHER.				TEMP.		RAINFALL.		Sun.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.		Total		Average Rate.		Maximum Rate.	
		Morning.	Afternoon.	Night.	Max. F.	Min. F.	Min. on Grass F.	mm.	mm.	Hours.	Hours.	15 h. G.M.T.	9 h. G.M.T.	1376	Joules.	27.4	73		
24 HOURS ENDED 9H G.M.T. 27 <sup>th</sup>																			
Greenwich (Royal Observatory)	...	bc.c	bc.	b	65	45	34	-	5.7	67	73								
City (Bunhill Row)	...	*	*	*	*	*	*	*	7.2	*	*								
Westminster (St. James's Park)	...	*	*	bc	63	49	41	-	8.2	59	69								
Camden Sq. (British Rainfall)	...	bc	bc	*	69	45	41	-	*	56	76								
Kensington Palace	...	bc.c	bc.c	*	63	46	39	-	*	57 (18h)	71								
Hampstead Observatory	...	bc	bc	b	60	46	*	-	8.4	*	74								

Photographic Record of  
Pole Star (Polaris) and of 3 Ursae  
Minoris at Greenwich Observatory.

Exposure from 2.30 a.m. to 3.30 a.m.  
to 3.30 a.m. to 4.30 a.m.

Stars.	Duration of Exposure.	Duration of Record.	%
Polaris	7.30	7.30	100
3 Ursae Minoris	7.30	7.30	100

## NOTES ON THE WEATHER OF YESTERDAY.

Except for local drizzle in Scotland weather was generally dry. Good sunshine records were obtained in most localities (Holyhead 12.3 hours, Valencia 12.1 hours) but temperature continued below the normal. The highest maximum was 69° at Nairn, Bournemouth, Weymouth and Bude. At night the air temperature fell below 40° at some inland stations in the South.





PRELIMINARY

	Min.
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No. B21464

SATURDAY 28<sup>th</sup> AUGUST.....1920

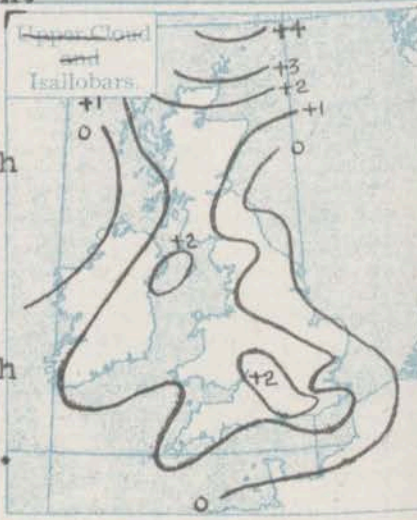
OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 15H AND 18H.

59

† The barometric change is expressed in half millibars.

§ For code see page 9



[illegible]

**EXPLANATION.**  
**BAROMETER.**—Inches are taken at intervals of two millibars.  
**WIND.**—Direction is shown by arrow flying with the wind. Force of wind 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figure in small circle.  
**TEMPERATURE.**—Symbols—  
 Clear sky. ☉ sky 1 clouded. ☁ sky 2 dimmed. ☁☁ rain falling. ☁☁☁ overcast sky. ☁☁☁☁ rain falling. ☁☁☁☁☁ snow. ⚡ hail. ⚡ thunder. ⚡ thunderstorm.  
**SEA DISTURBANCES.**—High waves. Rough.

The British Isles will remain under the influence of an anti-cyclone for several days. The weather may be cloudy at times, with mist or fog at night, but rain is unlikely and the wind will be for the most part light.

Farther Outlook.

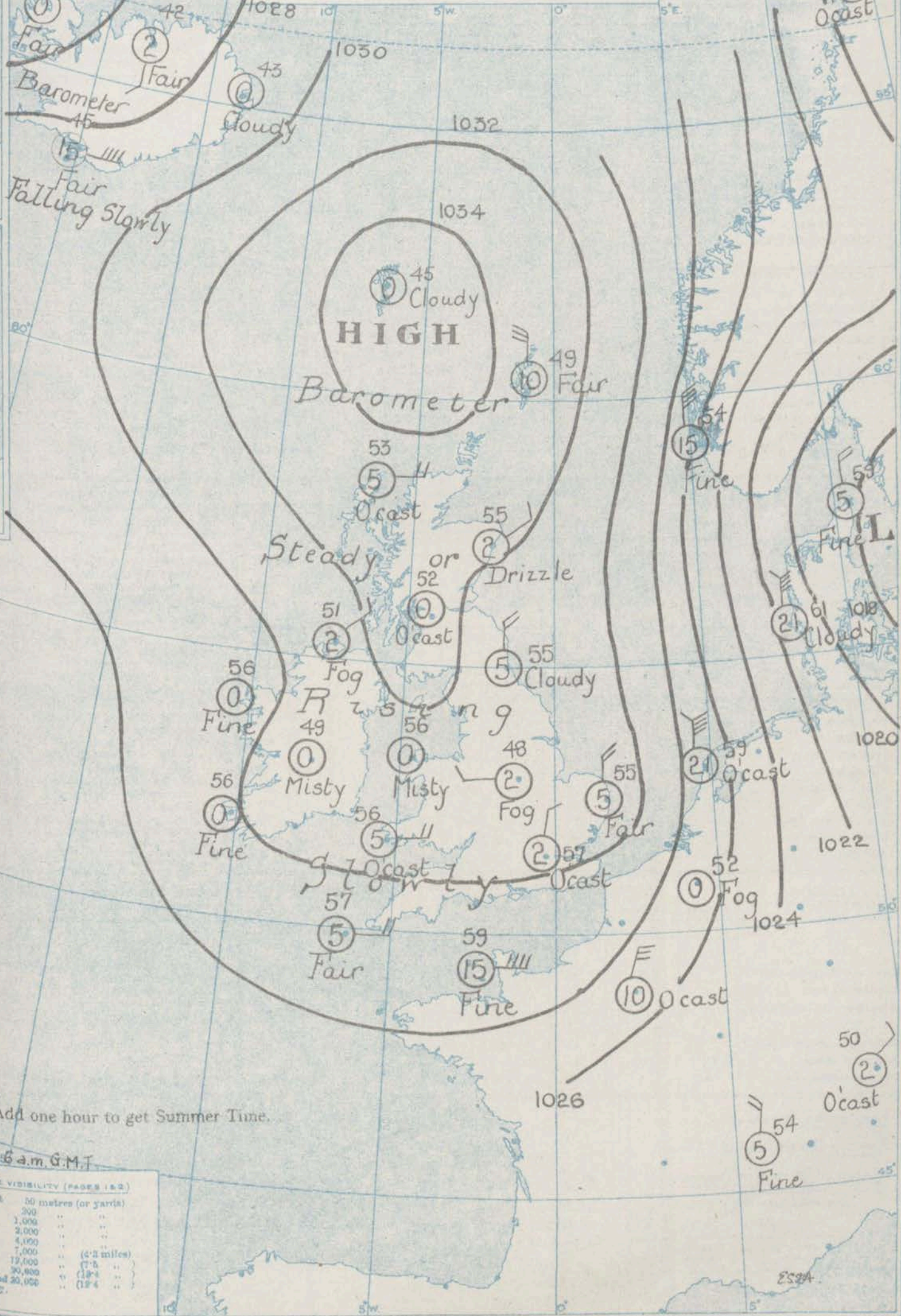
Mainly fair to  
fine with  
little or no  
rain for seven  
or eight days.



LOW 20 1026 15

Nautical Miles. 100 0 100 200  
Statute Miles. 100 0 100 200

Scale - 1:10,000,000



1000

ON SURFACE VISIBILITY (PAGES 1 & 2)			
Objects not visible at	50 metres (or yards)		
Very Poor	200		
Poor	1,000		
Different	2,000		
Good	4,000		
Very Good	7,000		
Excellent	12,000		
Objects visible beyond	30,000		
Excellent visibility	30,000		

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## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 241.

SATURDAY  
28<sup>th</sup> AUGUST

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 27 <sup>th</sup>																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-24h.	Day. 0h-17h.	to 17h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-24h.	Day. 0h-17h.	to 17h.	Sunrise to Sunset.
Scotland.	Oban ... ..	a.c.	b.c. h	60	52	-	-	4.5	1.5	England, N.W.	Douglas (I.O.M.)	4	3	61	49	-	-	11.2	10.8
	Banff ... ..	b.c.	o.c.	65	50	-	-	2.1	3.9		Blackpool ... ..	b.c.	b.c.	65	48	-	-	4.3	8.5
	Montrose ... ..	b	b	61	44	-	-	10.4	5.8		Southport ... ..	c.b.c.	b.c. o.c.	63	53	-	-	1.8	4.9
	St. Andrews ... ..	4	4	62	46	-	-	0.2	8.6		MORECAMBE	4	4	67	48	-	-	-	-
England, N.E.	Harrogate ... ..	o	o	65	48	-	-	0.0	8.5	Midlands.	Buxton ... ..	b.c.c.	b.c. b.c.	62	46	-	-	4.4	8.5
	Scarborough ... ..	o	o	65	44	-	-	0.0	9.2		Leamington Spa ...	b	b.c.	65	45	-	-	6.3	6.7
	Skegness ... ..	o	o	60	44	-	-	2.2	8.6		Malvern ... ..	b.c.	b.c. o.c.	68	56	-	-	8.2	9.3
England, E.	Lowestoft ... ..	b.c.c.	c.o.	54	46	-	-	7.1	6.9	Wales.	Bath ... ..	b.	b. b.c.c.o.	68	43	-	-	8.1	9.5
	Felixstowe ... ..	b.c.	c	63	46	-	-	9.8	5.5		Rhyl ... ..	b	b	65	40	-	-	8.6	8.4
	Southend-on-Sea ...	b.c.c.	c.o.	64	44	-	-	6.6	4.5		Colwyn Bay ... ..	4	4	63	48	-	-	9.5	8.8
England, S.E.	Tunbridge Wells	b.c.c.	b.c.c.	65	41	-	-	9.5	2.2	England, S.W.	Llandudno ... ..	4	4	64	48	-	-	7.5	10.5
	Margate ... ..	c.	c.o.c.	61	54	-	-	3.4	0.9		Aberystwyth ... ..	c.b.	b. b.c.	64	50	-	-	9.0	7.9
	Ramsgate ... ..	*	*	*	*	*	*	2.8	3.6		Tenby ... ..	b.	b. b.c.b.	67	48	-	-	6.9	5.7
	Folkestone ... ..	b.c.	b.c. b	64	49	-	-	6.3	4.1		Swansea ... ..	4	4	66	56	-	-	11.0	9.6
	Hastings ... ..	b.c.c.	c. b.c.	64	47	-	-	6.9	6.5		Weymouth ... ..	b	b	67	48	-	-	10.8	7.8
	Eastbourne ... ..	b.c.	c. b.c.	64	48	-	-	8.8	7.1		Teignmouth ... ..	b	b	66	47	-	-	10.8	8.0
	Brighton ... ..	b.c.	b.c.	66	47	-	-	9.8	8.3		Torquay ... ..	b.c.	b	63	51	-	-	10.7	7.8
	Worthing ... ..	b.c.	b.c. o.c.	66	46	-	-	10.1	10.3		Paignton ... ..	b	b	65	44	-	-	11.0	5.6
	Littlehampton ...	b.	b.c.	65	52	-	-	8.8	8.5		Penzance ... ..	b	b	66	50	-	-	10.6	4.3
	Portsmouth (S. base)	4	4	65	49	-	-	11.0	12.2		Newquay ... ..	b.c.	b.c.	66	48	-	-	9.5	4.2
	Bournemouth ...	*	*	66	44	-	-	11.0	11.0		Bude ... ..	b	b	69	45	-	-	10.7	6.4
	Ventnor (I. of W.)	*	*	65	50	-	-	11.0	12.1		Ilfracombe ... ..	b.c.	b	66	50	-	-	10.0	9.3
										Weston-s-Mare ...	b.	b.c.b.	68	47	-	-			

SCALE OF

SUMMARIES FOR PAST 24 HOURS.													
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUN.		BEAUFORT NOTATION.			
		7h-15h.	15h-18h.	18h-24h.	1h-7h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.	THE BEAUFORT SCALE OF WIND FORCE.			
										Used only for surface observations.			
										Limits of Velocity at about 30 feet above ground.			
										No. Statute miles per hour. Metres per second.			
										0 Less than 1 Less than 0.5			
										1 1-3 0.5-1.5			
										2 4-7 1.6-3.3			
										3 8-12 3.4-5.4			
										4 13-18 5.5-7.9			
										5 19-24 8.0-10.7			
										6 25-31 10.8-13.9			
										7 32-38 13.9-17.1			
										8 39-46 17.2-20.7			
										9 47-54 20.8-23.4			
										10 55-63 23.5-25.9			
										11 64-76 25.9-33.3			
										12 Above 76 33.4 or above			
										SYMBOLS—			
										Aurora Solar halo			
										Rime Lunar halo			
										Glazed frost Solar corona			
										Glazed roads Lunar corona			

LONDON. OBSERVATIONS.		WEATHER.		Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
Morning.	Afternoon.	Night.	15 h. G.M.T.						9 h. G.M.T.	25 <sup>th</sup> August 1920.					
24 HOURS ENDED 9H G.M.T. ....									YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Stations.	Sunrise	Noon.	G.M.T.
												Total ..... 1200 ..... Joules.	Greenwich ...	4.57	11.54
Greenwich (Royal Observatory)	c	c.o	o.b.c	65	52	42	-	6.5	52	69	Milliwatts.	Yarmouth ...	4.59	12.1	6.53
City (Bunhill Row) ...	"	"	"	"	"	"	"	6.3	"	"		Greenwich	5.7	12.1	7.33
Westminster (St. James's Park)	"	"	b.c	66	56	47	-	7.0	61	68	Wick ...	5.4	12.13	7.19	
Condon Sq. (British Rainfall)	b.c.c	b.c	"	71	51	46	-	"	72	73	Average Rate. 253	Valencia ...	5.7	12.42	7.35
Kensington Palace ...	b.b.c.c	o	"	67	52	47	-	"	67 (18h)	70	Maximum Rate. 75		5.47	12.43	7.30
Hampstead Observatory ...	"	"	"	63	53	4	-	6.9	"	74			5.49		





## AIR MINISTRY.

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

BRITISH SECTION.

No. B. 34964

Sunday... 29th August... 1920.

## OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H.																												
STATIONS.	BAROM. at M.S.L.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	HUMIDITY. %	VISIBILITY. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM. at M.S.L.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	HUMIDITY. %	VISIBILITY. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.
			Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.	
13H. G.M.T. of 28th August																												
Renfrew ...	1032.4	-1	NNW	2	0	62	75	4	750	Sc	10	-	-	2	1032.6	+1	ENE	3	0	61	75	6	3,000	Sc	2	-	-	-
Eskdalemuir ...	1032.5	0	NE	1	bcz	66	65	6	4,200	cu	6	-	-	2	1032.7	+2	NNE	3	0	58	85	7	3,000	Sc	10	-	-	-
Valencia (Cahire'n)	1028.7	0	ESE	3	C	67	65	7	3,000	Sc	7	-	-	2	1028.2	0	SE	3	bcz	61	75	7	3,000	Sc	5	ci	1	2
Baldonnell ...	1034.4	-1	ESR	3	bcz	68	65	5	4,200	cu	6	-	-	2	1034.2	0	SE	3	0	63	75	6	-	-	-	-	-	-
MANCHESTER (ALBERT)	1030.8	0	NW	2	C3	67	65	3	5,700	Sc	8	-	-	2	1030.8	+1	NW	1	02f	64	75	5	3,000	Sc	4	-	-	-
Ross on Wye ...	1030.6	0	NE	1	bcz	68	65	7	5,700	cu	3	-	-	2	1030.3	-1	-	0	bcz	66	75	6	4,200	Sc	6	-	-	-
Falmouth ...	1030.4	0	ESE	3	0	63	65	7	-	Sc	2	-	-	2	1030.2	0	SSE	4	bif	61	75	6	-	-	-	-	-	-
Calshot (Hants) ...	1030.8	0	SSE	2	01f	64	75	6	2,000	Sc	9	-	-	2	1030.0	-1	-	0	bcz	66	75	5	-	-	-	-	-	-
Lymington (Folkestone)	1029.9	+1	NE	5	C	63	75	8	3,000	Sc	7	-	-	2	1029.6	0	NE	4	0	60	75	8	3,000	Sc	1	-	-	-
Aberdeen ...	1033.7	+1	ENE	2	0	56	85	8	4,200	Sc	4	-	-	2	1034.5	+2	NE	2	C	53	75	8	4,200	Sc	8	-	-	-
Howden ...	1033.7	0	ENE	2	bcz	66	65	7	4,200	cu	4	ac	2	2	1032.6	+2	E	2	bcz	59	85	9	4,200	Sc	2	ASc	1	-
Cranwell (Lincoln)	1030.7	0	N	3	02f	66	75	4	4,200	Sc	9	-	-	2	1031.6	+1	NE	3	0	60	75	8	-	-	-	-	-	-
Felixstowe ...	1030.4	0	RNE	3	0	64	65	7	4,200	Sc	4	-	-	1	1030.6	+1	NE	4	0	61	65	8	-	-	-	-	-	-
Shoeburyness ...	1030.3	+3	SE	1	0	63	75	7	3,000	Sc	5	ac	4	2	1030.5	0	SE	1	bc	54	85	3	3,000	cu	4	ac	2	-
Benson ...	1030.7	0	NE	1	bc	68	75	4	-	cu	4	-	-	2	1029.9	-1	-	0	C	68	75	4	-	-	-	-	-	-
S. Farnborough ...	1030.7	-1	ENE	2	C3	61	65	6	1,250	cu	6	ac	2	2	1029.4	-1	-	0	bcz	67	75	6	1,250	Sc	5	ac	1	-
London (Kew Obs.)	1030.7	-1	NNW	2	01f	66	65	6	4,200	cu	7	-	-	2	1029.7	-1	N	1	02f	68	65	5	3,000	Sc	9	-	-	-
Croydon ...	1030.7	0	NNE	3	bcz	65	65	6	3,000	Sc	4	ac	2	2	1030.0	0	E	1	01f	64	75	6	2,000	Sc	7	2Sc	2	-
7H. G.M.T. of 29th August																												
Renfrew ...	1033.4	0	NNW	2	02f	51	97	5	750	Sc	10	-	-	2	1033.7	0	NE	2	02f	53	85	4	2,000	cu	4	ASc	3	-
Eskdalemuir ...	1029.8	0	SE	3	bc	55	-	-	-	-	-	-	-	2	1029.4	0	NNE	2	0	51	92	7	2,000	Sc	9	-	-	-
Baldonnell ...	1031.8	0	-	0	0	53	92	5	-	-	-	-	-	2	1026.9	0	SE	4	bc	64	75	8	1,250	cu	2	ci	4	3
MANCHESTER (ALBERT)	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1031.5	0	E	2	bife	54	97	4	-	-	-	-	-	-
Ross on Wye ...	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1032.8	0	E	3	02f	54	85	4	750	Sc	10	-	-	-
Falmouth ...	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1032.1	0	ENE	2	cm	53	92	6	1,250	Sc	10	-	-	-
Calshot (Hants) ...	1030.6	0	E	1	bcz	56	92	6	-	-	-	-	-	2	1030.5	0	N	1	bife	55	97	6	-	-	-	-	-	-
Lymington (Folkestone)	1030.0	-1	N	3	bcz	52	92	8	2,000	Sc	4	-	-	2	1029.6	0	N	4	0	52	85	8	1,250	Sc	10	-	-	-
Aberdeen ...	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1036.0	0	-	0	50	97	8	4,200	Sc	9	-	-	-	-
Howden ...	1033.7	0	-	0	bcz	50	97	6	4,200	cu	2	ASc	2	2	1034.1	0	-	0	cmw	49	92	7	2,000	Sc	6	ASc	4	-
Cranwell (Lincoln)	1033.0	0	NNW	2	02f	51	97	5	3,000	Sc	10	-	-	2	1032.9	0	N	3	0	50	85	8	3,000	Sc	7	ac	2	-
Felixstowe ...	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1031.0	0	NE	3	0	53	85	7	3,000	Sc	9	-	-	-
Shoeburyness ...	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1031.7	0	NE	2	bc	52	85	5	-	-	-	-	-	-
Benson ...	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1031.3	0	ENE	3	0	51	92	6	2,000	Sc	10	-	-	-
S. Farnborough ...	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1031.8	0	NNE	3	0	52	75	8	2,000	Sc	10	-	-	-
London (Kew Obs.)	1031.5	0	-	-	-	54	-	-	-	-	-	-	-	2	1031.5	-1	NE	6	02f	51	75	8	2,000	Sc	10	-	-	-
Croydon ...	1032.1	0	NNW	3	bcz	51	92	6	2,000	Sc	8	-	-	2	1031.5	-1	NE	6	02f	51	75	8	2,000	Sc	10	-	-	-
STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.																												
STATIONS.	BAROM. at M.S.L.	TEMP. °F.	WIND.		WEATHER.	BAROMETER.		TEMPERATURE.		WIND.		Dir.	Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.						
			at M.S.L.	Change in 3 hours.		Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.	Max. °F.	Min. °F.						Morning.	Afternoon.	Night.									
18H. G.M.T. of 28th August																												
Lerwick ...	1035.6	50	NE	3	bc	1036.7	0	50	+1	NE	3	-	bc	1	-	52	44	bc	bc	bc	2.1							
Stornoway ...	1032.8	58	E	3	bc	1032.8	0	50	-3	-	0	-	bc	0	-	64	46	bc	bc	bc	9.9							
Castell Bay (Barra)	1032.4	55	NE	1	bcz	1031.6	0	56	+5	ENE	4	-	bc	4	-	56	51	bcz	bcz	bcz	2.7							
Malin Head ...	1030.4	58	NE	2	bcz	1029.7	0	56	+4	NE	2	-	bc	1	-	59	50	bcz	bcz	bcz	2.8							
Blackod Point ...	1028.4	66	SE	1	bcz	1028.4	-2	53	-1	SSE	2	-	bc	2	-	67	53	bcz	bcz	bcz	-							
Roche's Point ...	1030.7	59	SE	4	bc	1030.1	0	59	0	SE	4	-	bc	4	trace	63	56	bcz	bcz	bcz	-							
Birr Castle ...	1030.1	62	SE	1	0	1029.4	-	49	0	SE	1	-	bc	-	-	67	46	bcz	bcz	bcz	4.8							
Donaghadee ...	1031.0	56	S	1	bc	1031.8	0	55	+6	SSE	1	-	bc	0	0.2	58	48	bcz	bcz	bcz	-							
Liverpool (Bishop)	1031.6	58	NW	2	bc	1032.7	0	55	-1	SE	1	-	bc	1	-	61	54	bcz	bcz	bcz	3.9							
Holyhead ...	1032.0	58	N	2	bcz	1031.5	0	56	0	-	0	-	bc	0	-	61	52	bcz	bcz	bcz	10.8							
Pembroke (St. Mary's)	1031.5	60	ESE	1	bcz	1031.4	0	56	-1	E	2	-	bc	1	-	62	53	bcz	bcz	bcz	2.3							
Jersey (St. Aubin)	1029.8	60	ESE	4	bc	1030.0	0	59	+2	RSE	3	-	bc	4	-	65	56	bcz	bcz	bcz	9.8							
Portland Bill ...	1028.6	63	E	4	bc	1027.1	0	59	0	ENE	4	-	bc	3	-	69	57	bcz	bcz	bcz	10.3							
Dunoon ...	1030.9	63	E	3	bc	1031.5	0	56	0	E	4	-	bc	4	-	63	54	bcz	bcz	bcz	-							
Wick ...	1029.3	61	ENE	3	bc	1029.1	-1	54	-3	N	3	NE	bc	3	-	66	46	bcz	bcz	bcz	-							
Nairn ...	1034.2	52	E	1	bc	1034.4	0	51	0	ESE	2	-	bc	1	-	55	48	bcz	bcz	bcz	-							
Leith ...	1033.5	55	E	2	C	1033.0	-	52	-2	-	0	-	bc	0	-	58	51	bcz	bcz	bcz	0.1							
Lynmouth ...	1032.9	57	NE	3	0	1033.6	0	54	-2	E	1	-	bc	1	-	62	53	bcz	bcz	bcz	-							
Spurn Head ...	1032.4	56	NNE	2	bc	1034.5	0	52	-3	NE	2	-	bc	3	-	60	52	bcz	bcz	bcz	-							
Yarmouth ...	1032.2	56	NNW	3	bc	1032.8	0	54	-1	NNE	4	-	bc	3	-	63	50	bcz	bcz	bcz	-							
Clacton-on-Sea ...	1029.7	57	NNE	4	bc	1030.2	0	55	0	NNE	5	-	bcz	4	-	66	54	bcz	bcz	bcz	11.0							
St. Margaret's ...	1029.4	61	NNE	2	bc	1030.6	0	53	-3	N	3	N	bc	2	-	65	50	bcz	bcz	bcz	3.6							
St. Margaret's ...	1031.4	63	ENE	2	bc	1033.4	-	52	+4	ENE	2	NE	bc	1	-	70	48	bcz	bcz	bcz	6.3							

\* Information for these columns not fully received.

† The barometric change is expressed in half millibars.

‡ For code see page 2



SUMMARY OF CONDITIONS AT 7 h.G.M.T. 20.8.26.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Dull.	Good.	Slight
2. E. England	Dull.	"	Mod.
3. E. Midlands	Cloudy.	Fair.	-
4. W. Midlands	Cloudy.	"	-
5. S.W. England	Fine to cloudy.	"	Slight
6. South Wales	Fine, misty.	Indif.	V. Smooth
7. North Wales	Dull, misty.	Poor	Calm.
8. N.W. England	Overcast, local mist.	"	Smooth
9. N. Midlands	Dull.	Fair.	-
10. N.E. England	Overcast.	Good.	Slight
11. E. Scotland	Dull.	"	Smooth
12. S.W. Scotland	Dull, local mist.	Var.	"
13. Isle of Man	Dull.	Indif.	"
14. N. & N.W. Scotland	Fair to dull.	Fair.	V. Smooth
15. Hebrides	Fair to overcast, mist or fog	Poor.	Smooth
16. Orkneys and Shetlands	Fair.	Fair.	V. Smooth
17. N.W. Ireland	Fair or fine, local mist.	Fair.	Smooth.
18. N.E. Ireland	Variable cloud, local mist.	Indif.	Calm.
19. S.E. Ireland	Fine, local mist.	"	Slight
20. S.W. Ireland	Fair or fine.	Good.	"

Position Number	Date	Time G.M.T.	Sea ° F	Air ° F
12	28 <sup>th</sup>	0350	54	55
5	28 <sup>th</sup>	0815	55	52
3	28 <sup>th</sup>	0915	56	57
1	28 <sup>th</sup>	1130	60	63
2	29 <sup>th</sup>	0100	58	58



**EXPLANATION.**  
**BAROMETER.**—Inchbars are given in  
 tenths of two millibars.  
**WIND.**—Direction is shown by the  
 flying with the wind. Force, or  
 0-12, is indicated by the number of  
 feathers. Mean velocity is shown in  
 per hour by figure in small circle.  
**TEMPERATURE.**—Given in degrees.  
**WEATHER SYMBOLS.**—  
 ☉ sky clear  
 ☁ sky 3 clouded  
 ☁☁ overcast sky.  
 \* snow. \* hail.  
 T thunder.  
 SEA DISTURBANCE.—  
 〰 rough. 〰 high waves.

GENERAL INFERENCE from observations received up to 9h. G.M.T.

The anticyclone covering the British Isles will continue to maintain dry weather, though a good deal of cloud is probable locally. Except on the coasts winds will be light.

Districts.	Forecasts for the 24 hours commencing 15h. GMT. Sunday, 29.8.20.
1. S.E. England	Wind mainly North-East, light or moderate; stronger at times on coasts; cloudy; visibility mainly good; temperature moderate.
2. E. England	
3. E. Midlands	
4. W. Midlands	Wind Easterly, light or moderate; fair generally; visibility fair to good, some local mist; moderate temperature.
5. S.W. England	
6. South Wales	
7. North Wales	Light Easterly or variable winds, fair to cloudy; visibility fair but some local mist; temperature moderate.
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	Winds mainly South-East, light or moderate; fair generally; visibility fair, some local mist; temperature moderate.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Mainly fair  
dry for several  
days.



# SYNOPTIC CHART FOR MORNING OF SUNDAY 29<sup>th</sup> AUGUST, 1920.

Nautical Miles.  
Statute Miles.

Scale - 1:10,000,000

Barometer  
HIGH

LOW

steady

slowly

rising

nearby

falling

slowly

Add one hour to get Summer Time.

Reports for France refer to 6h.G.M.T.

CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)		
Objects not visible at.	10 metres (or yards).	
"	200 "	
"	1,000 "	
"	2,000 "	
"	4,000 "	
"	17,000 "	(10.5 miles)
"	20,000 "	(12.4 "
"	20,000 "	(12.4 "
"	20,000 "	(12.4 "
"	20,000 "	(12.4 "

FAIR  
SUNNY  
BREEZY  
WINDY  
CLOUDY  
MISTY  
FOG  
THUNDERSTORM  
HIGH WIND

Outlook  
Fair & B. SOVEREIGN

S.N. Director



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 242.

Sunday  
29th August 1920

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 28th																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-19h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-19h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.
Scotland.	Oban ... ..	bc	bc	68	47	-	-	8.5	5.8	England, N.W.	Douglas (I.O.M.)	bc	bc	64	47	-	-	5.2	11.2
	Banff ... ..	0	c	65	46	-	-	5.4	2.5		Blackpool ... ..	bc	bc	64	50	-	-	3.6	4.2
	Montrose ... ..	0	0	57	53	-	-	0.0	11.1		Southport ... ..	bc	bc	64	49	-	-	4.0	4.3
	St. Andrews ... ..										MORECAMBE								
England, N.E.	Harrogate ... ..	bc	bc	67	50	-	-	4.6	0.0	Midlands.	Buxton ... ..	bc	bc	66	45	-	-	6.6	3.1
	Scarborough ... ..										Leamington Spa ... ..	bc	bc	65	47	-	-	7.0	4.4
	Skegness ... ..										Malvern ... ..	bc	bc	61	57	-	-	6.8	6.3
England, E.	Lowestoft ... ..									Wales.	Bath ... ..	bc	bc	60	55	-	-	3.3	8.2
	Felixstowe ... ..	bc	bc	66	53	-	-	5.3	9.8		Rhyl ... ..								
	Southend-on-Sea ... ..	bc	bc	67	51	-	-	3.6	6.6		Colwyn Bay ... ..								
England, S.E.	Tunbridge Wells ... ..	bc	bc	68	49	-	-	1.4	9.5	England, S.W.	Llandudno ... ..								
	Margate ... ..	bc	bc	63	54	-	-	6.8	4.2		Aberystwyth ... ..	bc	bc	65	50	-	-	6.0	10.5
	Ramsgate ... ..										Tenby ... ..	bc	bc	62	55	-	-	3.7	9.5
	Folkestone ... ..	bc	bc	66	55	-	-	7.9	6.6		Swansea ... ..								
	Hastings ... ..	bc	bc	67	51	0.3	-	3.9	7.7		Weymouth ... ..	bc	bc	60	52	-	-	7.6	11.8
	Eastbourne ... ..	bc	bc	67	50	-	-	1.2	9.4		Teignmouth ... ..								
	Brighton ... ..										Torquay ... ..	bc	bc	66	57	-	-	8.5	11.7
	Worthing ... ..	bc	bc	68	51	-	-	1.2	10.6		Paignton ... ..	bc	bc	66	55	-	-	6.1	12.0
	Littlehampton ... ..	bc	bc	68	54	-	-	6.6	9.8		Penzance ... ..	bc	bc	64	53	-	-		
	Portsmouth (S. Sea) ... ..										Newquay ... ..								
	Bournemouth ... ..										Bude ... ..	bc	bc	69	47	-	-	9.7	10.6
	Ventnor (I. of W.) ... ..										Ilfracombe ... ..	bc	bc	62	55	-	-	0.8	11.5
										Weston-s-Mare ... ..									

SUMMARIES FOR PAST 24 HOURS.											THE BEAUFORT WIND FORCE.		
STATIONS.	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	RAINFALL.		Sun. Hours.	Limits of Velocity at about 30 feet above ground.		
	7h-13h.	13h-18h.	18h-5h.	1h-7h.				Day, 7h-18h.	Night, 18h-7h.		No.	Statute miles per hour.	Motres per second.
Renfrew ...	bc	bc	bc	bc	66	51	49	mm.	mm.	5.8	0	Less than 1	Less than 0.9
Eskdalemuir ...	bc	bc	bc	bc	68	45	48	-	-	8.7	1	1-3	0.9-1.9
Valencia (Cahire) ...	bc	bc	bc	bc	68	56	61	-	-	8.7	2	4-7	1.9-3.9
Baldonnel ...	bc	bc	bc	bc	70	49	49	-	-	10.3	3	8-12	3.9-7.9
MANCHESTER (ALEX. PH.)	bc	bc	bc	bc	71	50	44	-	-	6.6	4	13-18	8.0-10.7
Ross on Wye...	bc	bc	bc	bc	68	54	46	-	-	7.8	5	19-24	10.8-13.7
Falmouth ...	bc	bc	bc	bc	67	50	46	-	-	4.8	6	25-31	13.9-17.1
Caishot (Hants)...	bc	bc	bc	bc	68	50	46	trace	-	7.6	7	32-38	17.2-20.7
Lymington (Folkestone)	bc	bc	bc	bc	68	50	46	trace	-	7.6	8	39-46	20.8-24.4
Aberdeen ...	bc	bc	bc	bc	57	42	38	-	-	0.1	9	47-54	24.5-28.4
Howden ...	bc	bc	bc	bc	67	43	35	-	-	6.8	10	55-63	28.5-33.3
Cranwell (Lincs) ...	bc	bc	bc	bc	68	47	47	-	-	5.8	11	64-75	33.6 or above
Felixstowe ...	bc	bc	bc	bc	68	56	41	-	-	4.5	12	Above 75	
Shoeburyness ...	bc	bc	bc	bc	71	47	49	-	-	3.7			
Benson ...	bc	bc	bc	bc	69	48	42	-	-	3.1			
S. Farnborough ...	bc	bc	bc	bc	69	52	46	-	-	3.1			
London (Kew Obs.)	bc	bc	bc	bc	69	48	46	-	-	3.1			
Croydon ...	bc	bc	bc	bc	69	48	46	-	-	3.1			

BEAUFORT NOTATION.		
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.	
e	wet air without rain falling.	
f	fog.	
h	hail.	
m	mist.	
p	passing showers.	
q	squalls, r rain.	
s	sleet, i.e., rain and snow together.	
t	thunder.	
u	ugly, threatening sky.	
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.	

SYMBOLS.		
Aurora	↗	Solar halo
Rime	⊥	Lunar halo
Glazed frost	~	Solar corona
Glazed roads	~	Lunar corona

GREENWICH TIDES OF STATIONS	
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### BEAUFORT NOTATION.

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.  
e wet air without rain falling.  
f fog.  
g gloom.  
h hail.  
i lightning.  
m mist.  
n overcast sky.  
p passing showers.  
q squalls.  
r rain.  
rs sleet, i.e., rain and snow together.  
s snow.  
t thunder.  
u ugly, threatening sky.  
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.  
Capital letters indicate intensity, and repetition of letters continuity, thus:-  
R = heavy rain.  
rr = continuous moderate rain.  
r.r. = continuous light rain.

### THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.  
Limits of Velocity at about 30 feet above ground.  
No. Statute miles per hour. Metres per second.  
0 Less than 1 0.3-1.5  
1 1-3 1.6-3.3  
2 4-7 3.4-6.6  
3 8-12 5.4-9.4  
4 13-18 7.4-10.7  
5 19-24 9.4-13.7  
6 25-31 11.4-17.7  
7 32-38 13.4-20.7  
8 39-46 17.4-24.4  
9 47-54 21.4-28.4  
10 55-63 25.4-33.4  
11 64-75 29.4-33.4  
12 Above 75 33.4 or above  
SYMBOLS—  
Aurora ☄ Solar halo ☉  
Rime ☃ Lunar halo ☾  
Glazed frost ❄ Solar corona ☉  
Glazed roads 🌫 Lunar corona ☾

LONDON. OBSERVATIONS.		WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).		TABLE SHOWING THE SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.							
		Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.										
24 HOURS ENDED 9h G.M.T. 29th														YESTERDAY.		TO-DAY.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.			
Greenwich (Royal Observatory)	o	o	o.b.o	72	51	41	-	2.3	59	68	Total ..... Joules.  Milliwatts.				Average Rate.  Maximum Rate.						
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	65											
Westminster (St. James's Park)	*	*	o	70	52	47	-	?	57		Yarmouth...				Greenwich						
.. (Admiralty Arch)						*															
Camden Sq. (British Rainfall)	bc.c	c.bc	*	73	52	46	-	*	61	67	Wick				Valencia						
Kensington Palace ...	c	o	*	71	51	50	-	*	68 (18h)	69											
Hampstead Observatory ...	bc.c	c.bc	bc.c	68	49	*	-	3.7	*	73											

Photographic Record of				NOTES ON THE WEATHER OF YESTERDAY.			
Pole Star (Polaris) and of 8 Ursae				Weather continued generally dry but sunshine records were very variable, great differences being found between neighbouring stations. The highest record was 11.0 hours at Yarmouth. Air temperature showed a rising tendency, a maximum of 70° or above being reached at several stations in the Midlands and Southern districts.			
Minoris at Greenwich Observatory.							
Exposure from.....h.....m.							
to.....h.....m.							
Stars.	Duration of Exposure.		Duration of Record.				
	h.	m.	h.	m.	%		
Polaris							
8 Ursae							
Minoris							





## AIR MINISTRY.

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

BRITISH SECTION.

No. B. 21. 1920.

11th January 1920.

## OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 12H.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 12H.																										
STATIONS.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Temp. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Temp. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.
			Dirac.	Force 0-12.					Form.	Am't. 0-10.	Form.	Am't. 0-10.				Dirac.	Force 0-12.					Form.	Am't. 0-10.	Form.	Am't. 0-10.	
12H. G.M.T. 20th																										
Renfrew ...	1032.2	-1	ENE	3	52	75	3	2000	St	10	-	-	1032.0	0	E	3	59	65	5	-	-	-	Ci	2	4	
Eskdalemuir ...	1033.6	0	ENE	3	57	75	7	3,000	St	10	-	-	1032.1	-2	ENE	2	56	75	8	-	St	10	-	-	-	
Valencia (Cahira) ...	1027.2	0	SE	4	66	65	8	4,100	St	7	ASC	2	3	1027.1	0	SE	3	63	75	7	4,200	-	ASC	10	2	
Baldonnel ...	1030.8	0	E	2	70	75	4	-	-	-	-	-	1030.1	0	NE	1	61	92	4	-	-	-	-	-	-	
Manchester (Alex. Pk.) ...	1031.1	0	E	3	63	65	6	5,300	Cu	1	-	-	1030.7	-2	ESE	3	60	65	6	-	-	-	-	-	-	
Ross on Wye ...	1031.6	-1	NE	4	59	75	6	4,200	Cu	6	-	-	1029.2	-1	NE	2	60	65	8	4,200	St	2	-	-	-	
Falmouth ...	1031.8	0	SSE	4	60	75	5	-	St	6	-	-	1029.5	-2	SSE	2	58	85	5	-	St	8	-	-	-	
Calshot (Hants) ...	1031.4	-2	ENE	3	61	85	8	3,000	St	3	-	-	1029.4	-1	NE	1	61	75	7	4,200	St	10	-	-	2	
Lymington (Folkestone) ...	1029.8	0	N	5	56	85	2	1,250	Nb	10	-	-	1028.3	-3	NNE	5	56	85	8	2,000	St	4	-	-	-	
Aberdeen ...	1034.4	-1	SE	2	56	65	8	4,200	Cu	5	CL	6	2	1033.1	-2	SE	1	52	75	8	3,000	St	8	-	-	2
Howden ...	1033.8	-1	NE	2	58	65	8	4,100	Cu	3	ASC	2	1	1032.3	0	ENE	1	56	75	5	4,200	Cu	2	-	-	-
Cranwell (Lincs) ...	1031.4	-1	NE	3	59	65	8	5,700	Cu	6	-	-	1032.5	0	NE	2	54	92	3	3,000	St	8	ASC	2	5	
Felixstowe ...	1030.7	0	NNE	5	62	75	7	4,200	Cu	2	ASC	5	1	1029.2	-2	NE	3	59	75	7	2,000	St	3	-	-	-
Shoeburyness ...	1031.3	0	NNE	3	59	65	6	-	St	7	-	-	1030.2	-1	NE	3	57	75	7	-	St	7	-	-	-	
Benson ...	1031.7	-1	ENE	1	59	75	7	1,250	St	10	-	-	1029.9	-1	ENE	3	58	85	6	1,250	St	9	-	-	-	
S. Farnborough ...	1031.4	-1	NNE	2	60	65	6	4,200	St	10	-	-	1029.8	-2	N	2	59	75	6	4,200	St	5	ASC	2	-	
London (Kew Obs.) ...	1031.3	-2	NNE	4	58	65	6	2,000	St	7	ASC	2	1	1029.7	-1	NNE	3	58	75	7	2,000	St	8	-	-	-
Croydon ...	1031.3	-2	NNE	4	58	65	6	2,000	St	7	ASC	2	1	1029.7	-1	NNE	3	58	75	7	2,000	St	8	-	-	-
1H. G.M.T. OF 30th																										
Renfrew ...	1029.9	-1	N	1	60	65	5	-	St	10	-	-	1029.6	-1	-	0	62	75	4	750	St	10	-	-	-	
Eskdalemuir ...	1029.9	0	SE	2	59	65	8	-	-	-	-	-	1029.2	-1	N	1	59	75	4	2,000	St	10	-	-	-	
Valencia (Cahira) ...	1026.9	0	SE	2	62	65	8	-	-	-	-	-	1024.1	0	SE	3	67	85	6	1,250	St	7	ASC	1	3	
Baldonnel ...	1029.7	0	-	0	62	65	8	-	-	-	-	-	1029.3	-1	-	0	62	75	6	-	-	-	-	-	-	
Manchester (Alex. Pk.) ...	1029.7	0	-	0	62	65	8	-	-	-	-	-	1029.2	-2	SSE	2	61	65	6	2,000	St	9	-	-	-	
Ross on Wye ...	1029.7	0	-	0	62	65	8	-	-	-	-	-	1028.2	-1	ENE	1	61	65	6	1,250	St	10	-	-	-	
Falmouth ...	1028.9	-1	L	1	60	65	8	-	-	-	-	-	1027.9	-1	N	1	61	65	6	-	St	4	ASC	3	-	
Calshot (Hants) ...	1029.1	0	NE	2	61	65	8	-	-	-	-	-	1027.3	-2	NNE	1	61	65	6	-	-	-	-	-	-	
Lymington (Folkestone) ...	1029.6	-2	NE	3	60	65	8	750	St	4	-	-	1026.1	-2	N	1	61	65	8	750	St	9	-	-	-	
Aberdeen ...	1029.7	0	-	0	62	65	8	-	-	-	-	-	1029.9	-1	SE	1	61	65	8	2,000	St	10	-	-	-	
Howden ...	1029.7	-2	-	0	62	65	8	500	St	10	-	-	1028.8	-1	-	0	62	65	8	750	St	10	-	-	-	
Cranwell (Lincs) ...	1030.8	-1	N	1	62	65	8	3,000	St	9	-	-	1028.6	-2	NNE	3	61	65	8	1,250	St	10	-	-	-	
Felixstowe ...	1029.7	0	-	0	62	65	8	-	-	-	-	-	1027.1	-2	N	1	61	65	8	3,000	Cu	2	-	-	-	
Shoeburyness ...	1029.7	0	-	0	62	65	8	-	-	-	-	-	1026.6	-1	N	2	61	65	8	-	-	-	-	-	-	
Benson ...	1029.7	0	-	0	62	65	8	-	-	-	-	-	1027.6	-1	-	0	61	65	8	-	St	5	-	-	-	
S. Farnborough ...	1029.7	0	-	0	62	65	8	-	-	-	-	-	1027.8	-2	NNE	1	61	65	8	1,250	St	10	-	-	-	
London (Kew Obs.) ...	1029.7	0	-	0	62	65	8	-	-	-	-	-	1027.6	-1	-	0	61	65	8	-	Cu	2	-	-	-	
Croydon ...	1029.7	0	-	0	62	65	8	1,250	St	9	-	-	1027.6	-2	N	1	61	65	8	-	-	-	ASC	2	-	
STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.																										
STATIONS.	Barom. at M.S.L. mb.	Temp. °F.	Wind.		Weather.	Baromet.		Temperature.		Wind.		Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	Temp.		Weather.			Sunshine Hours.					
			Dirac.	Force 0-12.		at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dirac.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.						
12H. G.M.T. OF 20th																										
Lerwick ...	1034.1	51	NE	2	bc	1030.3	-3.8	51	+1	NE	3	-	C	1	-	52	46	C.C.	C.C.	C	8					
Stornoway ...	1030.6	60	E	1	b	1029.3	-1.3	52	+1	E	1	-	b	0	-	64	49	b.	b.	b.	10.5					
Castletown (Barris) ...	1030.0	59	SE	3	Cf	1029.7	0	56	0	E	3	-	b	3	-	60	65	b. of b.	b. of b.	b. of b.	8.4					
Malin Head ...	1028.1	61	SSE	2	Cm	1027.0	0	57	+2	S	1	S	bom	1	-	69	54	b. r.	b. r.	b. r.	8.7					
Blackhead Point ...	1025.5	64	SSE	2	Cm	1026.1	+1	59	+4	S	1	S	bom	2	-	69	55	b.	b.	b.	-					
Archie's Point ...	1029.8	60	0	0	0	1028.8	0	58	-1	0	0	-	0	1	0.1	64	54	b. of b.	b. of b.	b. of b.	-					
Bur Castle ...	1029.8	60	0	0	0	1028.8	0	58	-1	0	0	-	0	1	0.1	64	54	b. of b.	b. of b.	b. of b.	-					
Donaghadee ...	1030.5	57	S	1	0	1028.1	0	54	+0	S	1	-	m	-	-	69	48	b.	b.	b.	7.4					
Liverpool (Hilton) ...	1030.7	60	SE	2	bom	1028.3	-2	52	-2	W	1	-	bom	2	-	60	50	bom	bom	bom	-					
Hayhead ...	1030.4	61	E	3	bom	1027.8	-4	46	-9	SE	3	-	bom	2	-	66	46	bom	bom	bom	6.7					
Pembroke ...	1030.6	61	E	3	bom	1028.0	0	54	-4	SE	1	-	bom	0	0.1	66	50	bom	bom	bom	6.1					
Sally (St. Mary's) ...	1030.6	63	SE	1	Cm	1028.2	-1	54	-1	E	1	-	om	1	-	66	53	bom	bom	om	8.2					
Jersey (St. Aubin) ...	1030.1	57	ESE	2	om	1027.3	-1	55	+4	ESE	1	E	bc	2	-	66	54	b.	b. bom	c. bc	7.2					
Portland Bill ...	1027.5	61	NE	5	0	1025.7	-1	58	-1	NNE	4	-	0	3	-	66	56	C.C.	3 C.C.	c. c. c.	8.3					
Dunegess ...	1030.0	60	E	4	bc	1027.6	-3	56	0	ENE	4	E	bc	4	-	61	53	bc b	b. bc.	b. bc.	-					
Wick ...	1032.6	51	ENE	2	b	1027.2	-1	60	-1	E	2	-	C	2	-	59	49	bc b	b.	b.	-					
Nairn ...	1021.1	55	-	0	C	1028.6	0	52	0	E	1	-	om	2	-	60	50	C. bc	bc. c.	c. bom	2.4					
Leith ...	1022.4	56	E	1	C	1028.9	-1	52	-2	W	1	-	b	1	-	58	51	C.	C.C.	C.C.	-					
Lynmouth ...	1032.8	54	ENE	2	om	1030.6	-3	60	-2	NW	2	-	om	2	-	57	46	Cm.	bom	bom. om	-					
Yarmouth ...	1031.6	54	NNE	3	C	1027.9	-1	51	-3	NW	4	-	C	1	-	58	46	C.O.	C.	bc	-					
Grimsby ...	1029.1	57	NNE	4																						



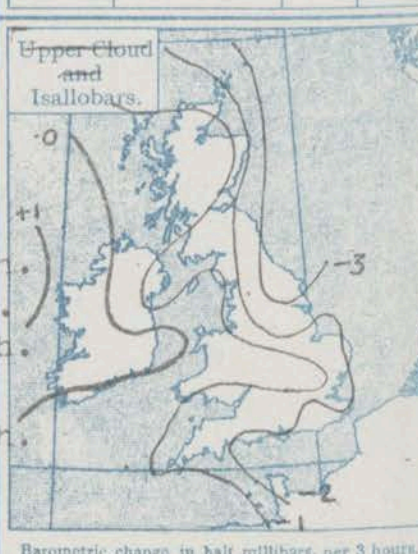
# SUMMARY OF CONDITIONS AT 7 h.G.M.T. 30th A. 1920.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Fine to dull: local mist.	Fair	Slight.
2. E. England	Fine to dull: inland mist.	"	Smooth.
3. E. Midlands	Fair to dull: misty.	Indiff.	-
4. W. Midlands	Fair to dull: misty.	"	-
5. S.W. England	Fair to cloudy: local mist.	Fair	Slight.
6. South Wales	Dull, misty.	Indiff.	V. Smooth.
7. North Wales	Fine, misty.	"	Calm.
8. N.W. England	Dull, misty: local fog.	Poor	Smooth.
9. N. Midlands	Dull, misty.	"	-
10. N.E. England	Dull, misty.	"	Smooth.
11. E. Scotland	Dull, some mist.	Good	"
12. S.W. Scotland	Dull, local fog.	Indiff.	"
13. Isle of Man	Fair to dull, misty.	Poor	"
14. N. & N.W. Scotland	Cloudy.	Fair	V. Smooth.
15. Hebrides	Fine, some fog.	"	Smooth.
16. Orkneys and Shetlands	Cloudy.	"	V. Smooth.
17. N.W. Ireland	Fair, misty.	Indiff.	Smooth.
18. N.E. Ireland	Fair, misty.	Poor	V. Smooth.
19. S.E. Ireland	Fine to dull, misty.	"	"
20. S.W. Ireland	Cloudy, misty.	Fair	Slight.

Temperature reported from Coastal and Cross Channel Steamers.

Position Number.	Date	Time GMT	Sea ° F	Air ° F
7	29th	02.34	60	60
4A	29th	01.15	61	60
8	29th	04.23	61	61
3	29th	09.15	62	57
6	29th	14.30	60	58
12	30th	08.55	64	55

CHART OF POSITION NUMBERS and Upper Cloud.



GENERAL INFERENCE from observations received up to 9h. G.M.T.  
The anticyclone will continue for at least two or three days longer and will maintain fine and dry weather generally with much cloud at times, but little or no rain. The wind will be light and mainly from between East and North.

EXPLANATION.  
BAROMETER.—Isobars are shown at intervals of two millibars.  
WIND.—Direction is shown by the symbol with the wind force on the tail. 0-12 is indicated by the number of feathers. Mean velocity is shown in per hour by figures in small circles.  
TEMPERATURE.—Isobars are shown at intervals of 1 degree.  
WEATHER SYMBOLS.—  
○ clear sky. ○ sky 1 clouded. ○ sky 2 clouded. ○ sky 3 clouded. ○ overcast sky. \* snow. \* hail. T thunder. X thunderstorm. SEA DISTURBANCE.—Rough. High.

Further Outlook.

Districts.	Forecasts for the 24 hours commencing 15h.G.M.T. Monday, 30th August, 1920.
1. S.E. England	Light breezes, mainly from between N. and E.; fair to fine, but cloudy at times, some mist or fog at night; moderate temperature.
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	Light S.E. or E. breezes; fair to fine, but cloudy at times, some mist or fog at night; moderate temperature.
18. N.E. Ireland	Same as 1 - 16.
19. S.E. Ireland	Same as 17.
20. S.W. Ireland	Same as 17.

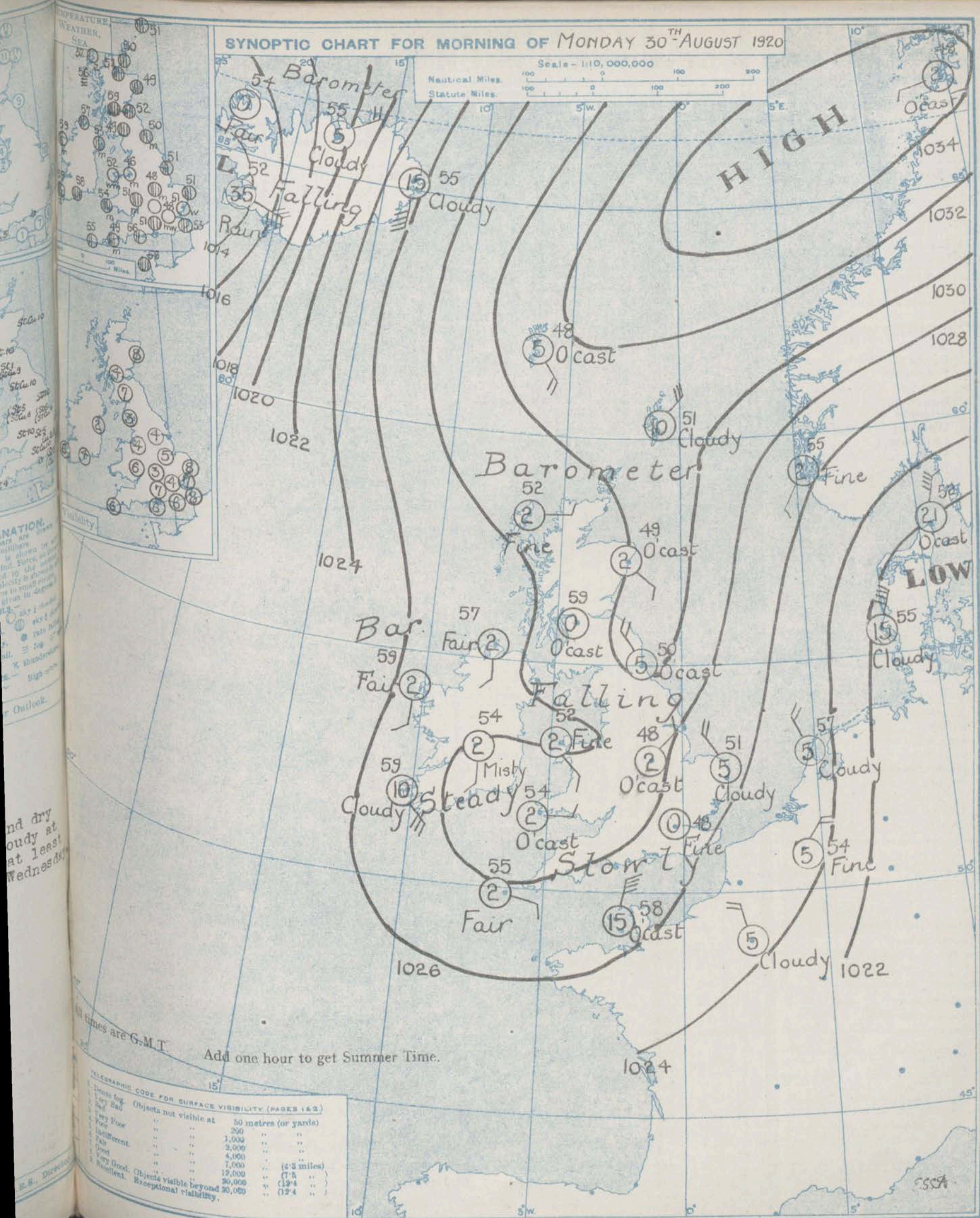
Fine and dry but cloudy at times at least until Wednesday.

TELEGRAMS  
Dense fog.  
Very Bad.  
Very Poor.  
Indifferent.  
Good.  
Very Good.  
Excellent.



# SYNOPTIC CHART FOR MORNING OF MONDAY 30<sup>TH</sup> AUGUST 1920

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



Add one hour to get Summer Time.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 1 & 2)

Objects not visible at	50 metres (or yards)
Very Poor	200
Poor	1,000
Fair	2,000
Good	4,000
Very Good	7,000
Excellent	12,000
Exceptional visibility	20,000

Objects visible beyond 20,000 (12.4 miles)



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 215.

21st August.

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

STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-19h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-19h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.
Scotland.	Oban ...									England, N.W.	Douglas (I.O.M.)								
	Banff ...	c	bc b	60	47	-	-	7.5	58		Blackpool ...	o bc b	bc b	65	52	-	-	6.3	4.2
	Montrose ...										Southport ...	o c	bc b	65	52	-	-		
	St. Andrews ...										MORECAMBE.								
England, N.E.	Harrogate ...	c bc b	b	60	49	-	-	7.3	48	Midlands.	Buxton ...	b	bc	64	50	-	-	7.0	7.0
	Scarborough ...	b	b	63	51	-	-	3.7	?		Leamington Spa...	b	bc	64	50	-	-		
	Skegness ...										Malvern ...							5.7	3.3
England, E.	Lowestoft ...									Wales.	Bath ...	o c bc	b bc	63	51	-	-	8.2	3.8
	Felixstowe ...	og.	b	63	51	-	-	3.0	68		Rhyl ...	bc	b	66	48	-	-	6.5	?
	Southend-on-Sea...	o	c bc	64	49	-	-	5.0	4.0		Colwyn Bay ...	*	*	65	50	-	-	7.5	6.5
England, S.E.	Tunbridge Wells	o.	o c bc	60	48	-	-	0.0	1.4	England, S.W.	Llandudno ...	*	*	64	52	-	-		
	Margate ...	o	c	60	54	-	-	1.8	7.8		Aberystwyth ...								
	Ramsgate ...	*	*	64	50	-	-	3.2	9.2		Tenby ...								
	Folkestone ...	o c	c	60	53	-	-	2.2	8.6		Swansea ...								
	Hastings ...	o.	o c bc	61	50	-	-	1.6	4.9		Weymouth ...	c o bc	bc	67	51	-	-	7.7	7.8
	Eastbourne ...	o.	o c	63	49	-	-	0.9	2.0		Teignmouth ...							7.0	8.0
	Brighton ...	c o	o c o	64	50	-	-	3.8	?		Torquay ...	bc bc	b	63	53	-	-		
	Worthing ...	o	c	62	50	-	-	2.5	1.7		Paignton ...							5.2	10.2
	Littlehampton ...	bc	o bc	64	54	-	-	3.0	6.6		Penzance ...	o c bc	c bc	66	55	-	-	6.5	10.5
	Portsmouth (S. base)	*	*	64	50	-	-	7.0	4.6		Newquay ...	bc	bc cy	65	48	-	-	10.5	1.6
	Bournemouth ...	*	*	63	47	-	-	9.0	7.1		Bude ...	b	b	68	48	-	-	10.1	?
	Ventnor (I. of W.)	*	*	66	51	-	-	6.1	7.2		Ilfracombe ...	b	b	61	54	-	-	4.7	
												Weston-s-Mare ...	o c bc	b	64	50	-	-	

SCALE OF

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.			THE BEAUFORT SCALE OF WIND FORCE.		
	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	RAINFALL.		Sun. Hours.	Limits of Velocity at about 30 feet above ground.					
	7h-13h.	13h-19h.	19h-7h.	Day. 7h-13h.				Night. 13h-19h.	No.		Scale miles per hour.	Metres per second.				
Renfrew ...	o s	b bc	b c bc s	o s	64	47	62	-	-	4.4	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. e wet air without rain falling. f fog. g gloom. h hail. i lightning. m mist. o overcast sky. p passing showers. q squalls. r rain. rs sleet, i.e., rain and snow together. s snow. t thunder. u ugly, threatening sky. 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.	Used only for surface observations.	Less than 1	Less than 0.5		
Esksdalemuir ...	o	o	o	o	58	43	48	-	-	0.0						
Valencia (Cable) ...	c o s	o s	o s	c o s	69	56	53	-	-	2.6						
Baldonnel ...	o s	o s	o s	o s	72	47	44	-	-	7.0						
Manchester (Alex PK)	b bc	b bc	b bc	b bc	65	45	33	-	-	...						
Ross on Wye ...	a f o c o	b bc	b bc	b bc	63	48	40	-	-	5.2						
Falmouth ...	c o s	o s	o s	c o s	63	47	42	-	-	3.5						
Calshot (Hants) ...	b c b bc	o o f	o o	b c w	65	48	4	-	-	6.4						
Lympne (Folkstone)	o s	o s	o s	o s	67	49	38	Trace	Trace	1.4						
Aberdeen ...	o	o c o	b c b bc	w b o	56	42	55	-	-	0.3						
Howden ...	b c o	b bc	b bc	o s	62	36	30	-	-	7.0						
Cranwell (Lincs) ...	o b c	b c o	o s	o o	62	45	4	-	-	4.7						
Felixstowe ...	o c o	b c o	b bc	o s	64	47	4	-	-	...						
Shoeburyness ...	a c o	b c b bc	b bc	o s	63	46	43	Trace	Trace	3.8						
Benson ...	b c o	b c o	b bc	b bc	62	37	57	-	-	...						
S. Farnborough ...	o c o	b c o	b bc	o o	62	44	36	-	-	1.6						
London (Kew Obs.) ...	c o s	c o s	b bc	w s	62	44	53	-	-	1.1						
Croydon ...	o s	o s	o s	o s	60	45	4	-	-	...						

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

**SYMBOLS-**  
Aurora ☄ Solar halo ☉  
Rime ☃ Lunar halo ☾  
Glazed frost ❄ Solar corona ☼  
Glazed roads 🌧 Lunar corona 🌙

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).			TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.		
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.			Stations.		
		Morning.	Afternoon.	Night.	Max. Temp. F.	Min. Temp. F.	Min. on Grass. F.	Hours.	Humidity %						
34 HOURS ENDED 9H G.M.T. 30 <sup>th</sup>										YESTERDAY.			TO-DAY.		
Greenwich (Royal Observatory)	...	o	o	b	63	46	38	1.7	70	70	70	70	70	70	70
City (Bunhill Row) ...	...	*	*	*	...	...	...	0.8	...	...	...	...	...	...	...
Westminster (St. James's Park)	...	*	*	c bc	63	50	42	1.2	67	67	67	67	67	67	67
Admiralty Arch	...	*	*	*	...	...	...	...	...	...	...	...	...	...	...
Canoe Sq. (British Rainfall)	...	*	*	*	66	47	43	...	75	75	75	75	75	75	75
Kensington Palace ...	...	o	o	*	63	48	42	...	73 (18h)	73	73	73	73	73	73
Hampstead Observatory	...	*	*	*	61	46	...	2.2	...	...	...	...	...	...	...

Photographic Record of  
Pole Star (Polaris) and of 8 Ursae  
Minoris at Greenwich Observatory.

Exposure from 22<sup>nd</sup> 29h ... m.  
to 24<sup>th</sup> ... h ... m.

Stars.	Duration of Exposure.	Duration of Record.	%
Polaris	h. m.	h. m.	%
8 Ursae	h. m.	h. m.	%
Minoris	h. m.	h. m.	%

## NOTES ON THE WEATHER OF YESTERDAY.

The temperature nowhere reached 70°, and fell to 37° at Benson and 36° at Howden during the night.  
Between 8 and 10 hours of bright sunshine were recorded at several stations. There was a small trace of rain locally on the coast, but none inland.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B. 24467

TUESDAY, 31<sup>ST</sup> AUGUST, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 15H AND 19H.																													
STATIONS.	BAROM.	Change in 3 hours.	WIND.		WEATHER.	TEMP.	HUMIDITY.	VISIBILITY.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea.	BAROM.	Change in 3 hours.	WIND.		WEATHER.	TEMP.	HUMIDITY.	VISIBILITY.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea.	
	at M.S.L.		Dir.	Force						Form.	Amt.	Form.	Amt.		at M.S.L.		Dir.	Force						Form.	Amt.				
15H. G.M.T. OF 30th.																													
Renfrew ...	1028.2	-1	NE	1	02f	59	75	4	1250	Sc	10	-	-	2	1028.5	-3	-	3	02	62	75	4	2000	Sc	5	Cl	3	4	
Eskdalemuir ...	1027.3	-2	NE	3	c	58	75	6	-	Sc	6	Cl	1	2	1028.6	-1	NE	3	02	55	75	8	-	-	Cl	1	3		
Valencia (Cahire'n) ...	1026.8	-1	S	3	cif	65	75	7	2000	Sc	2	A.Cu	5	2	1025.8	0	S	2	b.cif	60	85	6	2000	Sc	2	A.Cu	3	3	
Baldonnell ...	1027.0	-2	-	0	15	66	75	4	-	-	-	-	-	2	1025.5	0	E	2	bif	60	85	4	-	-	-	-	-	2	
15H. G.M.T. OF 31st.																													
MANCHESTER (Alex. Pk.) ...	1026.0	-2	S	1	b2	58	75	3	-	-	-	-	-	2	1024.7	-1	ESE	2	b2	54	73	3	-	-	Cl	3	4		
Ross on Wye ...	1026.4	-3	NNW	2	02	58	75	5	3000	Sc	8	Cl	1	2	1023.8	-3	E	1	2f	58	75	4	2000	Sc	7	Cl	2	2	
Falmouth ...	1026.4	-2	SE	2	cif	60	75	6	-	Sc	3	A.Cu	5	2	1024.5	-2	NNW	2	2	60	75	6	-	-	A.Sc	8	2		
Calshot (Hants) ...	1025.3	-2	N	2	bc	61	68	8	4200	Sc	5	Cl	1	2	1023.8	0	NE	1	2f	58	75	5	-	-	Cl	1	1		
Lymington (Folkestone) ...	1024.3	-2	NNW	4	0	59	75	8	2000	Sc	9	-	-	2	1022.9	-3	NNE	4	0	53	75	8	3000	Sc	9	-	-	2	
Aberdeen ...	1028.3	-1	ENE	3	bc	58	65	8	3000	Sc	4	-	-	2	1027.0	-2	ENE	2	b	51	75	8	-	-	-	-	-	3	
Howden ...	1027.1	-1	NNE	3	CV	56	75	9	4200	Sc	8	-	-	2	1025.3	-1	NE	3	0V	51	75	9	3000	Sc	9	-	-	2	
Cranwell (Lincoln) ...	1026.4	-2	N	3	0	54	75	7	2000	Sc	10	-	-	2	1025.2	-1	N	3	0	52	75	7	3000	Sc	10	-	-	2	
Felixstowe ...	1024.8	-2	N	4	bc	60	55	8	3000	Sc	5	-	-	2	1023.9	0	NNE	4	0	54	75	8	3000	Sc	10	-	-	2	
Shoeburyness ...	1025.1	-2	N	2	c	58	65	7	3000	Sc	8	-	-	2	1023.0	0	NNE	3	0	54	65	7	3000	Sc	10	-	-	2	
Benson ...	1025.6	-3	N	2	0	53	85	5	-	Sc	70	-	-	2	1023.9	-2	-	0	b	52	75	4	-	-	-	-	-	2	
S. Farnborough ...	1025.7	-2	N	2	c	59	75	6	4200	Sc	7	-	-	2	1023.7	-3	NW	1	b2	53	85	6	5700	Sc	1	Cl	1	2	
London (Kew Obs.) ...	1026.0	-3	NE	3	01f	63	75	6	4200	Sc	10	-	-	2	1023.5	-4	NNE	3	bc	55	65	6	4200	Sc	3	A.Cu	3	2	
Croydon ...	1025.8	-2	N	3	b.cif	56	75	5	2000	Sc	6	-	-	2	1023.4	-3	NNE	4	cif	54	65	7	2000	Sc	6	A.Cu	2	2	
1H. G.M.T. OF 31st.																													
Renfrew ...	1026.3	0	NNE	1	0	54	85	7	-	Sc	10	-	-	2	1025.0	-1	ESE	1	02f	51	92	11	700	Sc	10	-	-	2	
Eskdalemuir ...	1026.4	0	-	0	0V	57	-	-	-	-	-	-	-	2	1025.4	0	NE	2	0	46	85	9	2000	Sc	10	-	-	2	
Valencia (Cahire'n) ...	1026.4	0	-	0	0V	57	-	-	-	-	-	-	-	2	1024.3	0	-	0	b.cif	52	94	6	1250	Sc	1	Cl	2	2	
Baldonnell ...	1026.4	0	-	0	0V	57	-	-	-	-	-	-	-	2	1024.6	-1	E	2	b2f	55	92	8	-	-	-	-	-	2	
24 HOURS ENDED 7H. 31st.																													
MANCHESTER (Alex. Pk.) ...	1026.0	-2	S	1	b2f	58	75	3	-	-	-	-	-	2	1024.7	-1	SSE	1	b2f	59	94	2	-	-	-	-	-	2	
Ross on Wye ...	1026.4	-3	NNW	2	02	58	75	5	3000	Sc	8	Cl	1	2	1024.1	-1	SE	1	0V	48	95	5	5700	Sc	5	A.Cu	2	2	
Falmouth ...	1026.4	-2	SE	2	cif	60	75	6	-	Sc	3	A.Cu	5	2	1023.3	0	N	1	02f	54	94	5	-	Sc	10	-	-	2	
Calshot (Hants) ...	1025.3	-2	N	2	bc	61	68	8	4200	Sc	5	Cl	1	2	1022.7	-1	NNE	3	bc	50	85	8	4200	Sc	3	-	-	2	
Lymington (Folkestone) ...	1024.3	-2	NNW	4	0	59	75	8	2000	Sc	9	-	-	2	1020.7	-1	N	4	0V	49	92	7	1250	Sc	9	-	-	2	
Aberdeen ...	1028.3	-1	ENE	3	bc	58	65	8	3000	Sc	4	-	-	2	1025.3	0	-	0	02f	48	94	3	3000	Sc	10	-	-	2	
Howden ...	1027.1	-1	NNE	3	CV	56	75	9	4200	Sc	8	-	-	2	1024.3	0	-	0	b2f	47	94	5	4200	Sc	1	A.Sc	1	2	
Cranwell (Lincoln) ...	1026.4	-2	N	3	0	54	75	7	2000	Sc	10	-	-	2	1024.8	0	NW	3	0f	47	94	6	3000	Sc	10	-	-	2	
Felixstowe ...	1024.8	-2	N	4	bc	60	55	8	3000	Sc	5	-	-	2	1021.3	0	NNW	3	0	52	92	7	4200	Sc	7	A.Sc	3	1	
Shoeburyness ...	1025.1	-2	N	2	c	58	65	7	3000	Sc	8	-	-	2	1021.4	-3	NE	2	0	52	94	7	3000	Sc	9	-	-	2	
Benson ...	1025.6	-3	N	2	0	53	85	5	-	Sc	70	-	-	2	1022.5	0	N	2	0	46	94	5	-	Sc	1	-	-	2	
S. Farnborough ...	1025.7	-2	N	2	c	59	75	6	4200	Sc	7	-	-	2	1022.6	0	NW	2	0	46	94	7	-	Sc	1	-	-	2	
London (Kew Obs.) ...	1026.0	-3	NE	3	01f	63	75	6	4200	Sc	10	-	-	2	1022.7	0	NNW	1	0V	48	85	5	3000	Sc	9	-	-	2	
Croydon ...	1025.8	-2	N	3	b.cif	56	75	5	2000	Sc	6	-	-	2	1023.1	0	NNW	1	02f	46	94	4	2000	Sc	10	-	-	2	
STATIONS CONTRIBUTING REPORTS AT 7H. AND 15H.																													
STATIONS.	BAROM.	Change in 3 hours.	WIND.		WEATHER.	TEMP.	HUMIDITY.	VISIBILITY.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea.	BAROM.	Change in 3 hours.	WIND.		WEATHER.	TEMP.	HUMIDITY.	VISIBILITY.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea.	
	at M.S.L.		Dir.	Force						Form.	Amt.	Form.	Amt.		at M.S.L.		Dir.	Force						Form.	Amt.				
15H. G.M.T. OF 30th.																													
Lerwick ...	1026.7	53	NE	3	c	1024.6	-1	52	N	SE	1	-	c	0	-	53	46	c	-	53	46	c	-	bc	-	-	-	2	
Stornoway ...	1025.9	59	-	0	02	1020.3	0	52	0	-	0	-	f	0	-	61	44	b2	-	61	44	b2	-	b.c.	-	-	-	2	
Castledy (Barra) ...	1025.7	59	S	2	05	1020.3	0	52	0	SSE	2	-	f	1	-	62	45	cif	-	62	45	cif	-	b.c.	-	-	-	2	
Main Head ...	1025.4	61	N	1	bc	1022.6	0	55	-	SSE	1	-	bc	0	-	65	48	bc	-	65	48	bc	-	bc	-	-	-	2	
Blackod Point ...	1022.6	60	S	2	bc	1022.0	4	59	0	SW	2	-	bc	2	-	69	57	bc	-	69	57	bc	-	bc	-	-	-	2	
Roche's Point ...	1026.3	60	S	1	bc	1024.7	0	64	-	-	0	-	0	1	-	62	56	02	-	62	56	02	-	bc	-	-	-	2	
Bir Castle ...	1025.2	65	W	1	0	1020.6	-	54	0	-	0	-	f	0	-	69	54	2	-	69	54	2	-	bc	-	-	-	2	
Donaghadee ...	1024.8	58	S	1	bc	1024.1	-1	52	0	SE	3	-	bc	2	-	59	51	bc	-	59	51								

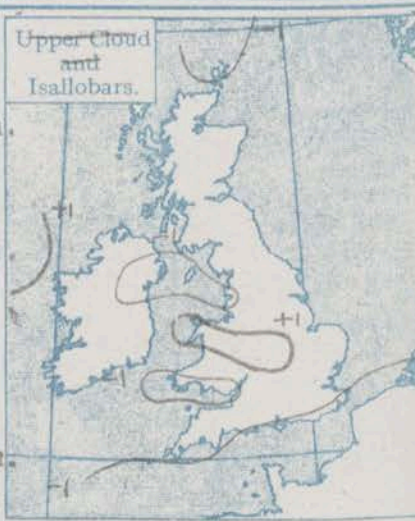


# SUMMARY OF CONDITIONS AT 7 h. G.M.T. 31.8.1920.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Mostly fine, local cloud.	Good	Smooth.
2. E. England	Cloudy, squally.	"	"
3. E. Midlands	Fair to dull: local fog.	Fair	-
4. W. Midlands	Fine, misty.	Bad	-
5. S.W. England	Dull, misty.	Indiff.	V. Smooth.
6. South Wales	Cloudy, misty.	Fair	"
7. North Wales	Fine, misty.	"	"
8. N.W. England	Dull, foggy.	Poor	Smooth.
9. N. Midlands	Fair, local fog.	"	-
10. N.E. England	Fair, misty.	Indiff.	Smooth.
11. E. Scotland	Dull, misty: local fog.	V. Poor	V. Smooth.
12. S.W. Scotland	Dull.	V. Good	Smooth.
13. Isle of Man	Dull, misty.	Fair	"
14. N. & N.W. Scotland	Dull, misty.	Poor	V. Smooth.
15. Hebrides	Foggy.	Bad	Calm.
16. Orkneys and Shetlands	Cloudy.	Fair	"
17. N.W. Ireland	Dull.	"	"
18. N.E. Ireland	Dull, misty.	"	Smooth.
19. S.E. Ireland	Dull.	Poor	V. Smooth.
20. S.W. Ireland	Fine, hazy.	Fair	Smooth.

Temperature reported from Coastal and Cross Channel Steamers.

Position Number	Date	Time G.M.T.	Sea ° F	Air ° F
5	30th	07.15	54	45
1	30th	11.30	60	60
16	31st	02.08	54	54
7	31st	08.40	60	55
2	31st	00.25	54	47



Barometric change in half millibars, per 3 hours.

## GENERAL INFERENCE from observations received up to 9h. G.M.T.

Pressure is markedly lower than of late over the British Isles, but the fall has ceased and the distribution remains anticyclonic. Mainly dry weather is likely to persist for at least another two or three days, but temperature will remain rather low.

**EXPLANATION.**  
**BAROMETER.**—Inches are drawn at intervals of two millibars.  
**WIND.**—Direction is shown by arrow pointing 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 figure in small circles.  
**TEMPERATURE.**—Inches are drawn at intervals of two millibars.  
**WEATHER SYMBOLS.**—  
 ☉ clear sky. ☁ sky 1 clouded. ☁ sky 2 clouded. ☁ sky 3 clouded. ☁ sky 4 clouded. ☁ sky 5 clouded. ☁ sky 6 clouded. ☁ sky 7 clouded. ☁ sky 8 clouded. ☁ sky 9 clouded. ☁ sky 10 clouded. ☁ sky 11 clouded. ☁ sky 12 clouded. ☁ sky 13 clouded. ☁ sky 14 clouded. ☁ sky 15 clouded. ☁ sky 16 clouded. ☁ sky 17 clouded. ☁ sky 18 clouded. ☁ sky 19 clouded. ☁ sky 20 clouded. ☁ sky 21 clouded. ☁ sky 22 clouded. ☁ sky 23 clouded. ☁ sky 24 clouded. ☁ sky 25 clouded. ☁ sky 26 clouded. ☁ sky 27 clouded. ☁ sky 28 clouded. ☁ sky 29 clouded. ☁ sky 30 clouded. ☁ sky 31 clouded. ☁ sky 32 clouded. ☁ sky 33 clouded. ☁ sky 34 clouded. ☁ sky 35 clouded. ☁ sky 36 clouded. ☁ sky 37 clouded. ☁ sky 38 clouded. ☁ sky 39 clouded. ☁ sky 40 clouded. ☁ sky 41 clouded. ☁ sky 42 clouded. ☁ sky 43 clouded. ☁ sky 44 clouded. ☁ sky 45 clouded. ☁ sky 46 clouded. ☁ sky 47 clouded. ☁ sky 48 clouded. ☁ sky 49 clouded. ☁ sky 50 clouded. ☁ sky 51 clouded. ☁ sky 52 clouded. ☁ sky 53 clouded. ☁ sky 54 clouded. ☁ sky 55 clouded. ☁ sky 56 clouded. ☁ sky 57 clouded. ☁ sky 58 clouded. ☁ sky 59 clouded. ☁ sky 60 clouded. ☁ sky 61 clouded. ☁ sky 62 clouded. ☁ sky 63 clouded. ☁ sky 64 clouded. ☁ sky 65 clouded. ☁ sky 66 clouded. ☁ sky 67 clouded. ☁ sky 68 clouded. ☁ sky 69 clouded. ☁ sky 70 clouded. ☁ sky 71 clouded. ☁ sky 72 clouded. ☁ sky 73 clouded. ☁ sky 74 clouded. ☁ sky 75 clouded. ☁ sky 76 clouded. ☁ sky 77 clouded. ☁ sky 78 clouded. ☁ sky 79 clouded. ☁ sky 80 clouded. ☁ sky 81 clouded. ☁ sky 82 clouded. ☁ sky 83 clouded. ☁ sky 84 clouded. ☁ sky 85 clouded. ☁ sky 86 clouded. ☁ sky 87 clouded. ☁ sky 88 clouded. ☁ sky 89 clouded. ☁ sky 90 clouded. ☁ sky 91 clouded. ☁ sky 92 clouded. ☁ sky 93 clouded. ☁ sky 94 clouded. ☁ sky 95 clouded. ☁ sky 96 clouded. ☁ sky 97 clouded. ☁ sky 98 clouded. ☁ sky 99 clouded. ☁ sky 100 clouded.  
 \* snow. \* hail. \* rain falling. \* thunder. \* thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough. High.

## Further Outlook.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 31st August, 1920.
1. S.E. England	Wind N. or N.E., moderate, fresh at times on coast; mainly fair but much cloud at times, visibility fair to good; cool.
2. E. England	
3. E. Midlands	Light N. or N.E. winds; fair or cloudy, visibility fair, local mist; cool.
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	Light indefinite breezes; fair or cloudy, visibility varying from bad to fair; cool.
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	

Dry but cool for two or three days at least.



# SYNOPTIC CHART FOR MORNING OF TUESDAY 31<sup>ST</sup> AUGUST 1920

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

HIGH

50  
Fine  
1028

1026

1024

57  
Cloudy

55  
O'cast

55  
Misty

LOW

Barometer  
Falling

54  
Fog

0  
O'cast

2  
Fair

46  
Fine

0  
Fine

52  
2  
Cloudy

48  
0  
O'cast

50  
2  
Fair

55  
15  
Cloudy

48  
2  
O'cast

55  
5  
Fair

2  
Fog

1018

49  
0  
O'cast

52  
0  
Fog

51  
2  
O'cast

55  
2  
Fair

57  
0  
Fog

53  
2  
Cloudy

56  
0  
O'cast

Steady

1024

1022

Barometer

49  
Cloudy

15

50  
Cloudy

47  
Fair

Falling

1018

1020

1022

HIGH

Add one hour to get Summer Time.

CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)

Objects not visible at	50 metres (or yards)
Very Poor	200
Poor	1,000
Fair	2,000
Good	4,000
Very Good	7,000
Excellent	12,000
Exceptional visibility	20,000

Objects visible beyond 20,000 (12.4 miles)

ESSA



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No 244.

TUESDAY  
31st AUGUST 1920

WEATHER, TEMPERATURE RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 30th.....																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-19h. 29th-30th	Day. 9h-17h. 30th	to 17h. 30th	Sunrise to Sunset. 29th			Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-19h. 29th-30th	Day. 9h-17h. 30th	to 17h. 30th	Sunrise to Sunset. 29th
Scotland.	Oban ... ..	2	bc. b. bc.	55	48	-	-	2.9	1	England, N.W.	Douglas (I.O.M.)	2	2	61	57	-	-	4.3	1
	Banff ... ..	bc. b.	b	59	37	-	-	3.0	9.4		Blackpool ... ..	b2	b2	62	46	-	-	7.8	7.3
	Montrose ... ..	o c	o	55	50	-	-	2.8	1		Southport ... ..	c. bc. b.	b	61	54	-	-	7.0	1
	St. Andrews ... ..	o	o	55	50	-	-	0.0	7		Morecambe ... ..	2	2	65	49	-	-	5.3	1
England, N.E.	Harrogate ... ..	o. c	bc. b. bc.	56	39	-	-	5.0	7.8	Midlands.	Buxton ... ..	2. bc	bc. b.	58	44	-	-	2.0	7.0
	Scarborough ... ..	c	o	58	48	-	-	0.0	4.2		Leamington Spa... ..	c. b.	c. b.	60	47	-	-	3.0	1
	Skegness ... ..	o	o	55	44	-	-	1.1	1		Malvern ... ..	o2	2	62	48	-	-	2.3	5.9
	Lowestoft ... ..	o. bc	o	56	50	-	-	1.5	2		Bath ... ..	o	o. c. bc. m.	61	46	-	-	4.8	8.2
England, E.	Felixstowe ... ..	bc	og	62	48	-	-	6.8	4.0	Wales.	Rhyl ... ..	bc. b.	b	61	44	-	-	7.7	7.5
	Southend-on-Sea... ..	bc	bc. c	63	46	-	-	9.1	5.5		Colwyn Bay ... ..	2	2	62	47	-	-	8.9	7.5
	Tunbridge Wells	b. bc. b.	bc. b2	63	46	-	-	9.2	0.3		Llandudno ... ..	2	2	62	47	-	-	7.0	1
	Margate ... ..	c	c	58	54	-	-	1.4	2.0		Aberystwyth ... ..	o. c. b.	c. o	63	50	-	-	4.6	1
England, S.E.	Ramsgate ... ..	2	2	60	53	-	-	3.8	3.8	England, S.W.	Tenby ... ..	c. bc	bc	66	53	-	-	6.9	1
	Folkestone ... ..	b. bc	bc	62	52	-	-	8.7	2.9		Swansea ... ..	2	2	63	47	-	-	10.5	8.0
	Hastings ... ..	bc. b. bc.	bc. b	63	50	Trace	-	9.6	3.1		Weymouth ... ..	bc	bc. b	69	48	-	-	9.1	8.1
	Eastbourne ... ..	bc	bc. c. bc.	65	49	-	-	7.6	1.4		Teignmouth ... ..	c. bc. b	b	63	49	-	-	8.5	8.1
	Brighton ... ..	b2	b2. b	67	50	-	-	9.8	3.8		Torquay ... ..	c. b.	b.	63	51	-	-	8.5	5.2
	Worthing ... ..	b	b	63	49	-	-	10.8	4.2		Paignton ... ..	c. bc	b2	62	46	-	-	2.4	6.5
	Littlehampton ... ..	bc	b	65	54	-	-	10.8	3.7		Penzance ... ..	c. bc	bc. c	65	49	-	-	3.0	6.5
	Portsmouth (Sithen)	2	2	64	48	-	-	11.0	7.0		Newquay ... ..	c. bc2	bc2	60	46	-	-	7.2	10.9
	Bournemouth ... ..	2	2	65	43	-	-	11.0	9.0		Bude ... ..	bc	b	67	44	-	-	6.2	5.0
	Ventnor (I. of W.)	2	2	63	49	-	-	8.8	6.4		Ilfracombe ... ..	o. c. bc	bc2	60	52	-	-	2.5	1
											Weston-s-Mare ... ..	o. c. bc	bc. m	62	47	-	-		

SUMMARIES FOR PAST 24 HOURS.													
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUN.		BEAUFORT NOTATION.			
		7h-13h.	13h-19h.	19h-21h.	21h-24h.	Max. Temp. F.	Min. Temp. F.	Mid. on Grass F.	Sun. Hours.	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. e wet air without rain falling. f fog. g gloom. h hail. i lightning. m mist. o overcast sky. p passing showers. q squalls. r rain. rs sleet, i.e., rain and snow together. s snow. t thunder. u ugly, threatening sky. 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.			
Renfrew ...		o. f. o	bc. c2	c. o. o1	2. f. o2	61	55	55	3.5				
Eskdalemuir ...		c. c. o	b. bc.	o. o1	o. o1	60	44	39	6.2				
Valencia (Cahire'n)		o. f. c. o	2. f. c. o	bc. c. bc. c	bc. bc. gw	69	57	48	3.5				
Baldonnel ...		2. f. c.	1. f.	bc. c. bc. c	bc. bc. gw	66	49	40	6.3				
MANCHESTER (Alex. H.)		b. a. f. z	b. bc. z	2. bc. f. e	2. f. o	61	35	28	4.4				
Ross on Wye ...		o. f. c. o	b. bc. f. z	o. o1	o. f. c. o	64	40	43	4.4				
Falmouth ...		c. o. 15	c. o. 15	bc. c. bc. c	bc. c. bc. c	64	45	43	5.1				
Calshot (Hants) ...		bc. bc. c	b. bc. bc.	bc. c. bc. c	bc. c. bc. c	64	47	40	12.1				
Lymington (Folkestone)		q. a. c. a	o. c. o. f. c. y	c. o. bc. c	bc. bc. c	59	40	40	6.6				
Aberdeen ...		c. a. bc. c	b. bc. b	bc. c. bc. c	bc. c. bc. c	58	42	34	8.3				
Howden ...		2. o. f. z	c. o	o. o1	o. f. c. o	57	35	20	2.3				
Cranwell (Lincs) ...		o. f. o	o	o. o1	bc. c. bc. c	56	45	40	0.8				
Felixstowe ...		c. a. bc. c	c. o	bc. c. bc. c	c. o. w	62	46	40	8.7				
Shoeburyness ...		b. bc. bc. c	bc. c. o	c. o. bc. c	o. o	62	46	40	8.7				
Benson ...		bc. bc. c	b.	bc. c. bc. c	bc. c. bc. c	59	33	32	4.7				
S. Farnborough ...		o. bc. c	bc. c. 15	bc. c. bc. c	bc. c. bc. c	60	41	35	4.7				
London (Kew Obs.) ...		bc. c. a. f.	c. c. o	bc. c. bc. c	bc. c. bc. c	57	46	37	6.4				
Croydon ...		bc. bc. a. f.	c. bc. a. f.	bc. c. bc. c	bc. c. bc. c	58	42	40	4				

LONDON OBSERVATIONS.													
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	
		Morning.	Afternoon.	Night.	Max. F.	Min. F.	Min. on Grass F.	Hours.	15 h. G.M.T.	9 h. G.M.T.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Stations.	Sunrise.
Greenwich (Royal Observatory)		o. c. o	o. c. o	o. c. b. o	60	46	38	7.0	67	84	Total ... 12.8 x 10 <sup>10</sup> Joules.	Yarmouth ...	5.1
City (Bunhill Row)		2	2	o	60	48	42	6.7	63	75	Average Rate. 12.0	Greenwich	5.12
Westminster (St. James's Park)		2	2	o	60	48	42	6.7	63	75	Maximum Rate. 66	Wick	5.11
Camden Sq. (British Rainfall)		bc	bc	2	61	47	44	6.6	66	81		Valencia	5.02
Kensington Palace		c	c	2	59	45	41	6.1 (18h)	69				
Rampstead Observatory		o	bc	o	64	44	4	6.3	70	85			

NOTES ON THE WEATHER OF YESTERDAY.													
Photographic Record of		Weather continued dry and cool. The maximum temperature reached 69° in Ireland and at Weymouth but was below 60° in most parts of England. A ground frost was reported at Manchester and Howden. Sunshine was most abundant along the South Coast, Calshot registering 12.1 hours.											
Pole Star (Polaris) and of 3 Ursae													
Minoris at Greenwich Observatory.													
Exposure from 10.15 a.m. to 11.15 a.m.													
to 11.15 a.m.													
Stars.	Duration of Exposure.	Duration of Record.											
Polaris	8	h.	m.	1	35	20							
3 Ursae	8	h.	m.	1	7	14							
Minoris	8	h.	m.	1	7	14							





## AIR MINISTRY.

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

BRITISH SECTION.

CORRECTIONS AND ADDITIONS, AUGUST. 1920.

## I.—CORRECTIONS.

Report for	STATION.	CORRECTION.	Report for	STATION.	CORRECTION.	Report for	STATION.	CORRECTION.
1st	Cranwell.	18h Bar 1007.3.	10th	Lymington.	1h temp. 53.	17th	London.	7h wind force. 2.
2nd	Esksdalemuir.	7h - 1002.3; 13-18h 31/7; ddco.	11th	Sefton.	Rainfall. Nil.		Blackhead.	18h
	Blackhead.	1003.3.		Croydon.	7h cloud. Sc. Cu. 7. ACu. 1.		Pembroke.	Sunshine. 1.0
	Cranwell.	13h - 1007.3; 18h, Upper cloud amount, ACu. 2; 1h, wind force 3; temp. 54.		Esksdalemuir.	Max. 66. 7h Bar 1025.1.		Jersey.	18h temp. 63.
3rd	London.	7h, Upper cloud, "A. Sc."		Valencia.	13h weather. bcy.	18th	Esksdalemuir.	Rainfall night. 4.3.
	Falmouth.	13h, weather, "adm."		Calshot.	Weather 18-1h. "co"		London.	7h weather. 0: Visibility. 8.
	Esksdalemuir.	1h, wind direction, "SW."		Lymington.	18h wind force 3.		Croydon.	7h Bar. 1012.7.
	Malin Head.	18h Bar 1004.8.		Cranwell.	1h weather "b2f": Cloud "Nil."	19th	Lymington.	7h Bar 1010.2: Bar change +2
	Roches Point.	Wind, WNW.		Felixstowe.	7h Bar 1024.0.			Wind direction ENE
	Lymington.	Weather, 13-18h "adrrgq"		Croydon.	1h cloud Nil.		Stornoway.	Sunshine. 7-8 hrs.
4th	Esksdalemuir.	18-1h "or, r, b, 3f"		Lenwick.	Max. 60.		Holyhead.	7h wind. SW 3.
	Cranwell.	18h, Low cloud. "Cu Nb."		Malin Head.	18h temp. 55.	20th	Westminster.	Max. 54.
	London.	Temp. 62. 1h temp. 52.	12th	Esksdalemuir.	Min. 46.		Esksdalemuir.	18h weather "c"
	Donaghadee.	Low cloud. "Cu."		Valencia.	1h Bar. 1018.1.		Cranwell.	Rain night 18-7h "Nil."
	Pembroke.	7h Wind direction, "W"		Shoeburyness.	18h temp. 63.		London.	Min. 37: 13h low cloud. Cu. b.
	Blackhead.	Max. 59.		London.	Min. 55.		Valencia.	7h Bar. 1025.5.
	Esksdalemuir.	18h Bar. 1011.6; Wind W.		Croydon.	Max. 68.		Castlebay.	18h temp. 53.
	Falmouth.	18h Bar 1002.5: 7h Vis. 3.	13th	Lymington.	Min. 43.		Pembroke.	7h Wind NNW 2: Min. 47.
	London.	wind SSW		Falmouth.	13h Bar 1025.7.		Scilly.	7h temp. 58.
	Tynemouth.	13h clouds, Sc. Cu. 8: A. Sc. 2.		S. Farnborough.	7h 1025.0	21st	Esksdalemuir.	1h visibility 2.
	Valencia.	Rainfall. 2.5mm		Holyhead.	18h temp. 62.		Falmouth.	Weather 7-13h, copo
	Falmouth.	18h wind SW: Bar change 1h +15		Stornoway.	Rainfall. 0.3.		Shoeburyness.	Max. 62.
	Cranwell.	13h "WSW"		Pembroke.	18h temp. 59.		London.	Min. 43.
		Cloud height 750		Portland Bill.	Wind force. 4.		Castlebay.	18h temp. 54: Weather. "o"
	Esksdalemuir.	7h	14th	Esksdalemuir.	18h humidity. 75.		Blackhead.	7h Bar change. -1
	Roches Point.	1h temp. 52.		Stornoway.	Rainfall. 0.5		Jersey.	18h Bar. 1022.9.
	Valencia.	7h Bar. 1013.6.		Malin Head.	Trace.	22nd	Valencia.	13h Bar. 1027.2: Cloud Sc. Cu. 4: Cu. 3
	Bar Castle.	Max. 55.	15th	Croydon.	Min. 51.		Cranwell.	18h wind. NNW 3.
	Donaghadee.	18h Bar 1016.6		Kensington Palace.	58		London.	18h wind. WNW: Temp. 59.
	Falmouth.	Max. 59.		Stornoway.	Rainfall 0.2		Calshot.	7h temp. 53.
		13h Bar change -1: 18h, -1.		Nottingham.	18h wind force 2.		Castlebay.	Sunshine. 0.8 hrs.
	London.	7h cloud. ACu. 9.	16th	Valencia.	Grass min. 56.	23rd	Pembroke.	7h Bar. 1021.1
	Ross.	13h cloud. Cu. 7.		London.	13h weather by Cloud Cu. 3		Baldonnell.	Rainfall night. 5mm.
	Nairn.	Rain 7-18h. 0.2		Falmouth.	7h cloud. Sc. 10.		Esksdalemuir.	13h Bar. 1018.1
	Valencia.	7h Bar 1010.4		Lymington.	7h Bar change +1.		Falmouth.	18h temp. 59.
	Esksdalemuir.	Weather 18-1h. "co"		Benson.	7h cloud. Cu. 9.		Baldonnell.	7h Bar. 1021.8.
	London.	7h Bar 1019.0	17th	Kensington Palace.	Min. 58.		Cranwell.	1h. Wind. W.
		Weather "cw"		Lymington.	13h temp. 65.		Donaghadee.	7h temp. 52.
				Valencia.	7h humidity 92.		Dungeness.	Max. 71.
							Spurn Head.	Rainfall. 0.3.

## II.—ADDITIONS.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 13h AND 18h.

STATION.	Barom. at M.S.L.	Change in 3 hours.	WIND.	Temp.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.	Upper Cloud.	Sea.	SUMMARIES FOR PAST 24 HOURS.						
											WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.
											7h-13h.	13h-18h.	18h-1h.	1h-7h.			
	mb.		Force 0-12.	°F.	%	0-9	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.	7h-13h.	13h-18h.	18h-1h.	1h-7h.	Rainfall. mm.
Valencia 13h 2/8	1011.6	+2	WNW 4	68	75	8	2000	Sc. Cu. 3	-	-	-	4	c.o.				
Donaghadee	1006.3		W 2	57	65	7	1400	Cu. 2	-	-	-	*					
Cranwell 18h 6/8	1001.8	+5	W 5	57	65	7	1400	Cu. 2	-	-	-	*					
Calshot 1h 7/8	1018.4		WNW 2	53	92	8	750	Sc. Cu. 10	-	-	-	*					
Baldonnell 7h	1022.9	+3	W 3	52	92	8	750	Sc. Cu. 10	-	-	-	*					
	1025.2	+1	ENE 1	54	92	4	500	Sc. 3	Asc. 6	-	-	*					
	1024.1	0	WNW 4	58	92	5	750	Sc. 10	-	-	-	*					
Cranwell 7h	1023.7	0	WSW 4	58	85	7	750	Sc. 7	Asc. 2	-	-	*					
	1012.9	+1	NNW 4	58	92	5	5700	Cu. 1	-	-	-	*					
	1019.9	+2	NNE 1	51	97	5	750	Sc. 10	-	-	-	*					

† The barometric change is expressed in half millibars.

No. 5783/232, 0.9120, No. 20414. 0.25, 1/21



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON: BRITISH SECTION. CORRECTIONS AND ADDITIONS, AUGUST 1920.

### II.—ADDITIONS (continued).

Report for	STATIONS CONTRIBUTING REPORTS AT 7H. AND 13H.																							Sunshine Hours.
	STATION.	BAROM. at M.S.L. mb.	TEMP.		WIND.		Weather	BAROMETER. At M.S.L. mb.	TEMPERATURE		WIND.		Direc. of Upper Cloud.	Weather	Sea 0-9.	RAIN- FALL. mm.	TEMP.		WEATHER.					
			° F.	Direc.	Force 0-12.	Change in 3 hours.			Temp. ° F.	Change in 24 hours.	Direc.	Force 0-12.					Max. ° F.	Min. ° F.	Morning.	Afternoon.	Night.			
13H. G.M.T.							7H. G.M.T.							24 HOURS ENDED 7H.										
3 <sup>rd</sup>	Donaghadee	1006.3	57	W	2	bcomp	1001.2	-6	55	+2	S	2	-	o fr	2	4	58	50	bc	bc pt.	cm	*		
4 <sup>th</sup>	Blackhead Point						1005.4	-3	54	+2	E	4	-	or	4	3	56	52			or	1.2		
8 <sup>th</sup>	Castlebay						1006.1	-1	57	+2	SSW	2	-	o	2	3	58	54	omp	comp	of dom	*		
	Blackhead Point	1004.2	57	SSE	5	omrqr	1006.5	+5	55	-2	NW	3	-	bcp	2	9	61	53	omr	bomp	bcomp	*		
9 <sup>th</sup>		1007.4	57	SW	3	omr																		
17 <sup>th</sup>	Castlebay.	1012.6	57	W	4	r																		

† The barometric change is expressed in half millibars.



Report for	STATION
24 <sup>th</sup>	Cranford
25 <sup>th</sup>	Feltham
	London
	Blackhead
	Lympne
	Howden
	Calshot
	Cranwell
	Scilly
	Yarmouth
26 <sup>th</sup>	Lympne
	Shoebur
	London
	Cranwell
	Bur Cas
	Spinn H
27 <sup>th</sup>	Yarmouth
28 <sup>th</sup>	S. Farnbo
	Castibea
	London
	Valencia
29 <sup>th</sup>	Lympne
	London
	Cranwell
	Roches F
	Lympne
	Shoebury
30 <sup>th</sup>	Valencia
	Calshot
	Jersey
	London
31 <sup>st</sup>	Lympne
	Valencia
	Blackhead
	Jersey

Report for  
STATION





## AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON  
BRITISH SECTION. CORRECTIONS AND ADDITIONS, AUGUST. 1920.

## I.—CORRECTIONS.

Report for	STATION.	CORRECTION.	Report for	STATION.	CORRECTION.	Report for	STATION.	CORRECTION.
24th	Cranwell.	18h. Cloud "Ci. 2": 1h. Bar. 1019.3.						
	Felixstowe.	13h. Weather "bc 2".						
	London.	7h. Wind N. 2: Weather "02fw".						
	Blackad.	18h. Wind "W. 1".						
25th	Lymington.	Rainfall night "trace".						
	Howden.	18h. Bar. 1019.3.						
	Calshot.	Min. 50.						
	Cranwell.	1h. Bar change "0": Wind "WNW 2".						
	Scilly.	7h. Bar. 1020.1.						
	Yarmouth.	18h. Bar. 1022.0.						
26th	Lymington.	1019.0.						
	Shoeburyness.	Grass min. 35.						
	London.	Rain day 2mm.						
	Cranwell.	18h. weather "c".						
	Bar Castle.	1h. Wind NNE 2, temp. 48.						
27th	Spurn Head.	18h. temp. 60.						
	Yarmouth.	Min. 49.						
28th	S. Farnborough.	48.						
	Castnebay.	7h. Bar. 1030.8.						
	London.	18h. Wind NW 2.						
	Valencia.	7h. Cloud "Sc. 10".						
29th	Lymington.	Max. 68.						
	London.	Min. 51.						
	Cranwell.	13h. Cloud "Cu. 8".						
	Roches Point.	7h. "Sc. Cu. 10".						
	Lymington.	Rainfall. 0.4 mm.						
30th	Shoeburyness.	Weather 7h-13h "0.5/52.00".						
	Valencia.	Min. 46.						
	Calshot.	18h. cloud "Sc. b. 2. Cu. 4".						
	Jersey.	13h. Temp. 65.						
	London.	18h. Wind E.						
	Lymington.	7h. Cloud "Sc. 2".						
31st	Valencia.	Weather 7-13h "0.0/0.0/0.0/0.0".						
	Blackad. Point.	18h. Sea 2.						
	Jersey.	Max. 65. Min. 56.						
		7h. temp. 57.						

## II.—ADDITIONS.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 13h AND 19h.

Report for

11.—ADDITIONS.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 13h AND 19h.																								
STATION.	BAROM. at M.S.L. mb.	± Change in 3 hours.	WIND.		Weather	TEMP. °F.	% Humidity.	Visibility. 0-9	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.	SUMMARIES FOR PAST 24 HOURS.									
			Direc.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.		WEATHER				Max Temp. °F.	Min. Temp. °F.	Min. on Grass, °F.	RAINFALL.		Sun. Hours.
															7h-13h.	13h-19h.	19h-1h.	1h-7h.				Day. 7h-19h.	Night. 19h-7h.	
															mm.	mm.	mm.	mm.				mm.	mm.	

‡ The barometric change is expressed in half millibars.