

METEOROLOGICAL OFFICE,  
LONDON.

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DAILY WEATHER REPORTS

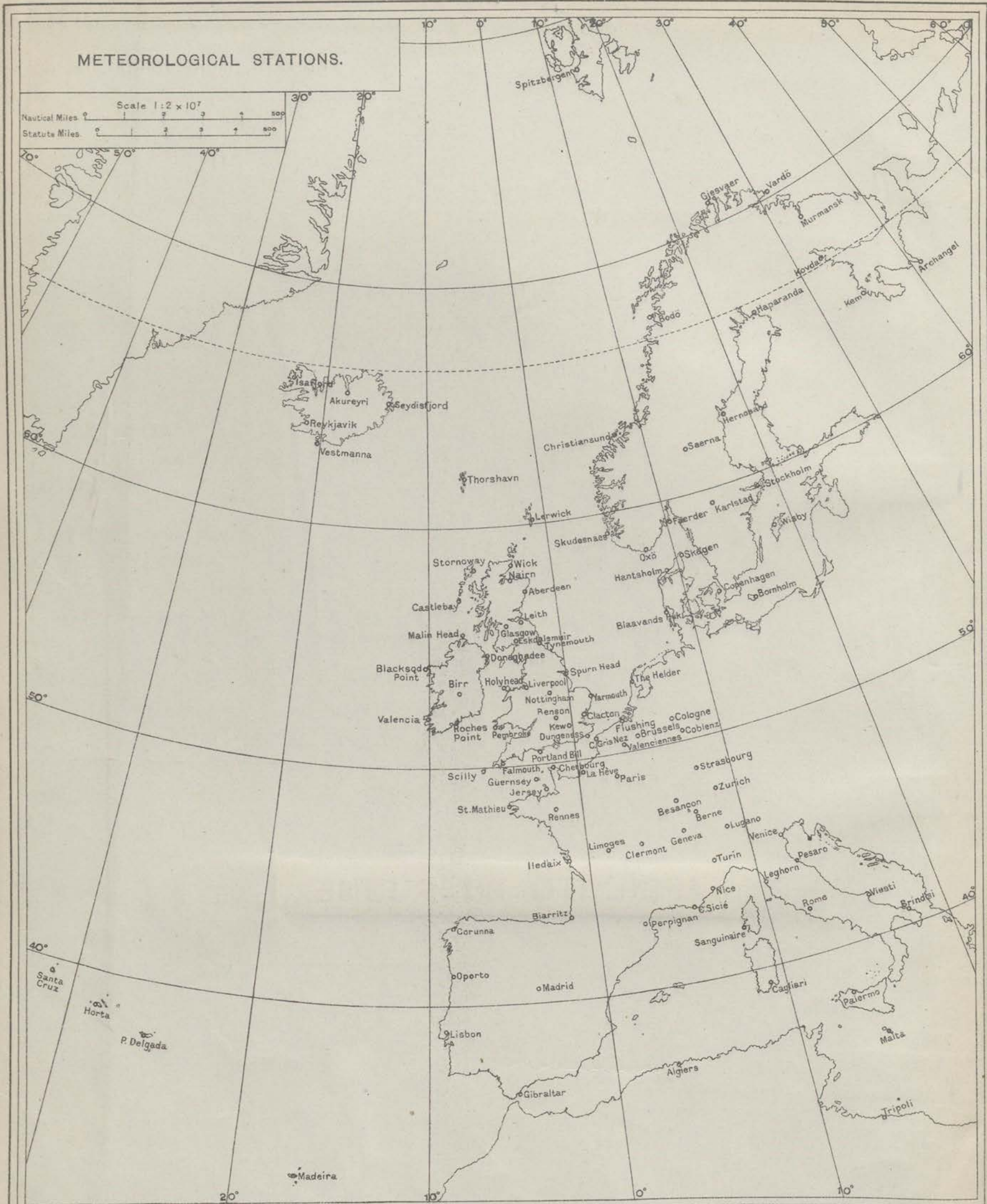
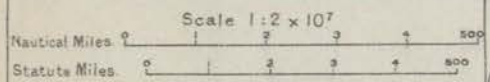
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1<sup>ST</sup> JULY TO 30<sup>TH</sup> SEPTEMBER, 1919.

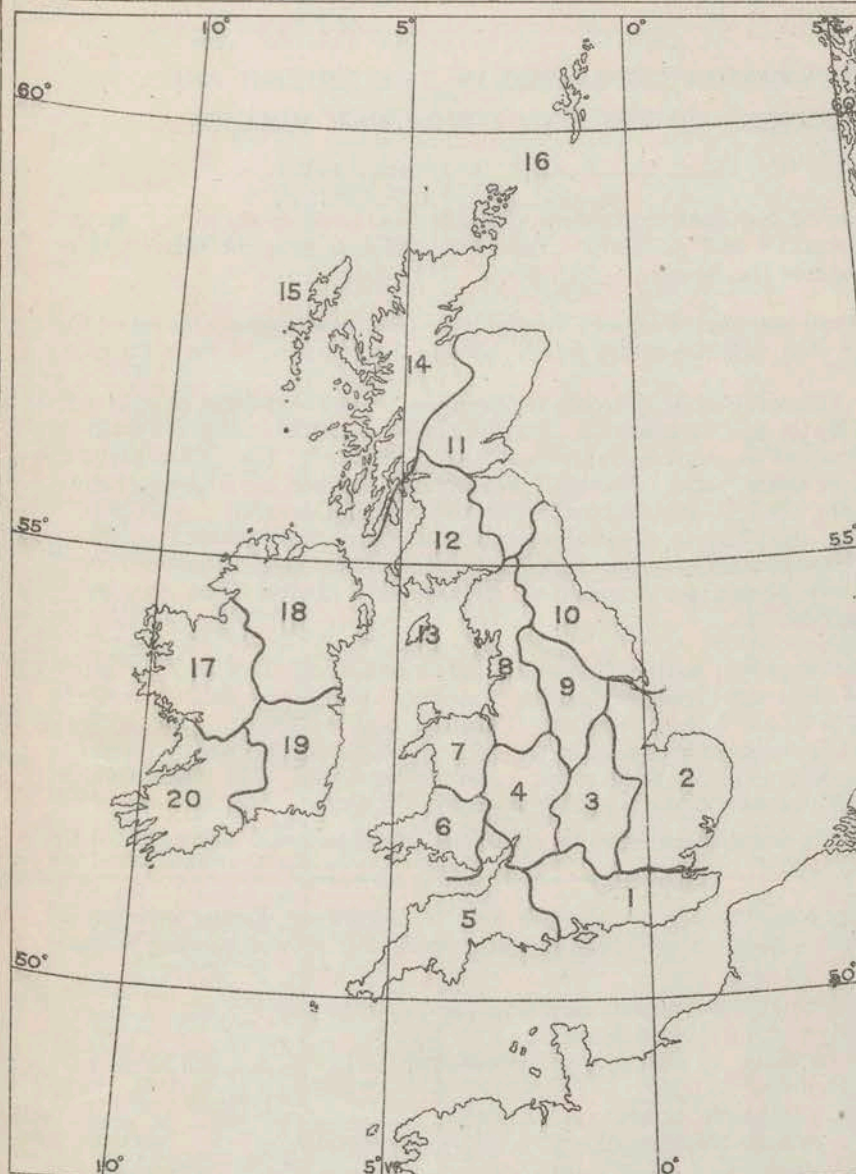


## METEOROLOGICAL STATIONS.

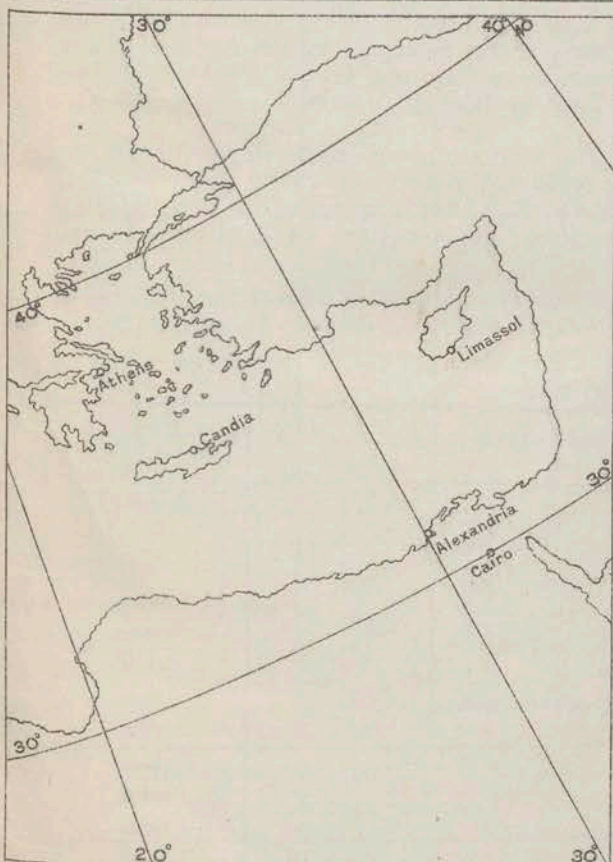




# DISTRICTS.



# STATIONS USED FOR UPPER AIR SUPPLEMENT.



# SCALE OF SURFACE VISIBILITY.

Symbol	Visibility Description	Objects not visible beyond	200 metres (320 yards).
●	0 Very bad	"	500 "
●	1 Bad	"	1,000 "
●	2 Very poor	"	2,000 "
●	3 Poor	"	4,000 "
●	4 Indifferent } Ordinary {	"	7,000 "
●	5 Fair	"	12,000 "
●	6 Good, above ordinary	"	20,000 "
●	7 Very good, unusual	"	30,000 "
●	8 Exceptionally good	"	"
○	10 Objects visible beyond 30,000 metres (18.6 miles).	"	"

# 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.

# BEAUFORT NOTATION.

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.

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 2=heavy. Underlining is used to express continuity.

# WEATHER SYMBOLS.

Clear sky ○ Sky & clouded ○  
Sky & clouded ○ Sky & clouded ○  
Overcast sky ○ Rain falling ○  
Snow × Hail ×  
Fog ≡ Mist ≡  
Thunder T Thunderstorm T  
Lightning ⚡ Gale ⚡  
Aurora ☄ Solar halo ☄  
Rime ☄ Lunar halo ☄  
Glazed frost ☄ Solar corona ☄  
Glazed roads ☄ Lunar corona ☄  
Snow lying ☄

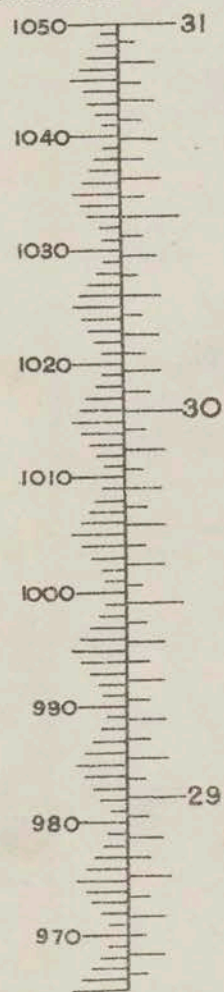
SEA DISTURBANCE.—  
Rough ~~~~~ High ~~~~~



# METEOROLOGICAL OFFICE, LONDON.

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

Millibars. Inches.



**Pressure.**—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 5 millibars. Values in millibars may be converted to mercury inches by the scale given in the margin.

**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.**—Temperature at different levels in the free atmosphere up to 20,000 feet is shown graphically on 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, no reference to precipitation being implied.

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.

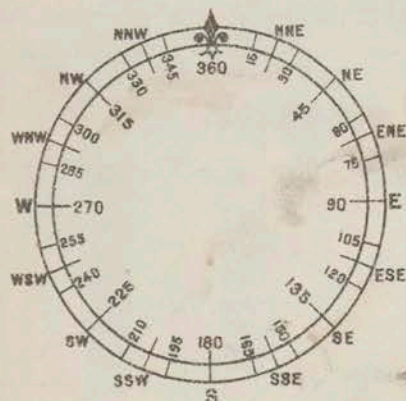
Dull—overcast with low heavy cloud.

Varying or variable cloud—combinations of b, bc, c, and o.

**Wind.**—All wind directions specified in the reports are true, not magnetic compass bearings. 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, 15,000 feet. The data are based on Pilot Balloon ascents made at Stations of the Royal Air Force and of the Meteorological Section, R.E., and also at the Observatories of the Office; supplemented by data from French Stations received by wireless from the Eiffel Tower.

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.)



### 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, but not by wind vanes .. .. .	1-3
2	Slight breeze .. .. .	Wind felt on face; leaves rustle; ordinary vane moved by wind .. .. .	4-7
3	Gentle breeze .. .. .	Leaves and small twigs in constant motion; wind extends light flag .. .. .	8-12
4	Moderate breeze .. .. .	Raises dust and loose paper; small branches are moved .. .. .	13-18
5	Fresh breeze .. .. .	Small trees in leaf begin to sway; crested wavelets form on inland waters .. .. .	19-24
6	Strong breeze .. .. .	Large branches in motion; whistling heard in telegraph wires; umbrellas used with difficulty .. .. .	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; considerable structural damage occurs .. .. .	55-63
11	Storm .. .. .	Very rarely experienced; accompanied by widespread damage .. .. .	64-75
12	Hurricane .. .. .	.. .. .	Above 75



## DAILY WEATHER REPORT. APPENDIX I.

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

## THIRD QUARTER, JULY TO SEPTEMBER.

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

JULY.

AUGUST.

SEPTEMBER.

STATIONS.	PRESSURE 1906-1915.  7 a.m. Observations (reduced to M.S. Level).	AIR TEMPERATURE.						RAINFALL 1881-1915.  Days with Rain.      Total Fall.		BRIGHT SUNSHINE. 1881-1915.  Daily Mean.      Per Centage of Possible Duration.					
		Means of			Absolute Extremes.										
		1906-1915.	1881-1915.		1881-1915.										
			Dry Bulb 7 a.m.	Daily Maximum.	Daily Minimum.	Maximum.		Minimum.							
						Temp.	Year.	Temp.	Year.						
Lerwick	mb. 1012.5	°F. 51.7	°F. 57.0	°F. 48.2	°F. 70	1897, 1911	37	1888	17	58	2.20				
Stornoway	1013.1	53.5	60.2	48.9	76	1894	32	1888	21	77	3.03				
Castlebay (Barra Isd.)	1013.2	54.4	58.7	51.6	73	1914	44	1913	18	69	4.68				
Eskdalemuir	1014.8	53.8	62.8	46.9	83	1911	34	1914	16	90	5.42				
Malin Head	1015.4	54.5	60.6	52.3	79	1911	42	1888, 1902	19	72	5.10				
Blackod Point	1014.8	56.1	62.2	51.2	80	1894	42	1898	21	80	13.15				
Valencia	1016.3	56.9	63.8	53.8	81	1911	40	1907	21	96	3.78				
Roche's Point	1016.5	56.6	64.7	53.7	76	1887, 1912	43	1907	15	73	2.88				
Birr Castle	1015.4	55.2	66.3	51.3	86	1911	37	1889	17	75	2.95				
Donaghadee	1014.6	54.5	61.2	51.8	80	1887	40	1883, 1902	17	71	2.80				
Liverpool (Observatory)	1015.1	56.6	65.7	54.2	88	1901	45	1888, 1907, 13	15	66	2.59				
Holyhead	1015.1	56.9	63.3	53.6	85	1901	43	1888	16	66	2.61				
Pembroke (St. Ann's Hd.)	1015.7	56.4	62.3	54.5	81	1911	43	1910	14	63	2.47				
Seilly (St. Mary's)	1016.7	57.9	64.8	56.2	78	1911	47	1910	15	56	2.12				
Fa mouth	1017.0	58.6	65.8	55.1	80	1885	46	1897	15	72	2.84				
Jersey (St. Aubin's)	1017.4	60.2	68.3	56.4	87	1900, 1901	44	1907, 1909	13	53	2.10				
Portland Bill	1016.2	58.5	64.5	55.8	79	1901, 1912	40	1900, 1907	11	44	1.74				
Dungeness	1015.6	59.1	66.6	55.1	82	1900	40	1890	12	46	1.81				
Dover	1015.5	59.7	66.7	55.8	87	1911	44	1913	14	56	2.19				
Wick	1012.9	52.6	60.6	48.4	80	1899, 1901	36	1886	18	67	2.63				
Nairn	1013.0	53.8	64.3	49.1	85	1901	36	1906	18	68	2.68				
Aberdeen	1013.5	55.1	62.8	50.3	83	1885	38	1898, 1903	17	71	2.81				
Leith	1013.7	55.8	65.8	51.4	83	1901	41	1887, 88, 92, 1903	16	65	2.55				
Tynemouth	1014.2	55.8	64.2	51.3	82	1911	39	1909	14	61	2.40				
Spurn Head	1014.4	57.4	65.0	54.3	86	1911	44	1888	12	45	1.78				
Yarmouth	1014.8	58.1	66.2	54.7	87	1881	42	1890	13	59	2.34				
Clacton-on-Sea	1015.5	58.8	67.7	54.7	93	1911	40	1902	12	49	1.92				
Nottingham	1015.2	57.0	69.7	52.2	92	1881	37	1888	15	61	2.38				
LONDON (Kew Obsy.)	1016.1	58.5	71.0	54.3	90	1881	43	1882, 1884	12	55	2.17				
Lerwick	1010.4	52.4	57.1	48.4	82	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				
Castlebay (Barra Isd.)	1012.1	55.0	59.3	52.2	75	1911	44	1912	18	83	3.27				
Eskdalemuir	1014.0	51.8	61.8	46.5	79	1914	31	1912	18	122	4.75				
Malin Head	1011.8	55.0	61.0	52.8	80	1900	42	1912	21	90	3.52				
Blackod Point	1013.0	56.6	62.1	53.4	78	1899, 1911	42	1887, 88, 1912	22	116	4.58				
Valencia	1014.9	57.1	63.9	53.9	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	1014.1	54.7	65.4	50.8	83	1911	35	1885, 1887	19	97	3.81				
Donaghadee	1013.2	54.5	63.1	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	40	1912	16	80	3.15				
Seilly (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	59.7	65.2	56.5	83	1911	47	1912	12	54	2.12				
Dungeness	1015.4	59.7	67.3	55.3	82	1904	39	1890	11	50	1.98				
Dover	1015.6	59.9	67.1	55.2	89	1911	44	1913	14	58	2.27				
Wick	1011.2	52.6	60.6	48.2	85	1893	30	1886	21	70	2.75				
Nairn	1011.4	53.2	63.7	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	85	1893, 1906	38	1881, 1892	17	75	2.94				
Tynemouth	1013.2	55.5	64.2	51.1	83	1893	38	1912	16	70	2.75				
Spurn Head	1013.8	57.7	65.1	54.4	87	1893	45	1909	14	54	2.11				
Yarmouth	1014.7	58.1	66.3	54.2	85	1893	41	1902	14	63	2.47				
Clacton-on-Sea	1015.3	59.1	67.5	54.9	93	1911	43	1908, 1915	14	47	1.86				
Nottingham	1014.5	55.8	68.4	51.2	94	1911	37	1908	16	63	2.49				
LONDON (Kew Obsy.)	1015.8	58.0	69.7	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				
Castlebay (Barra Isd.)	1016.5	52.8	56.9	50.2	68	1914	39	1913	16	70	3.25				
Eskdalemuir	1017.9	58.1	61.1	47.6	71	1914	27	1910, 11, 14, 15	12	60	2.36				
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	35	1899	18	105	4.14				
Roche's Point	1019.1	54.6	61.8	51.4	73	1895, 1906, 11, 13	39	1893	16	75	2.97				
Birr Castle	1018.5	50.9	62.1	47.0	80	1906	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	2.73				
Seilly (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	36	1881	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	81	1911	42	1915	12	48	1.88				
Dungeness	1018.4	55.5	64.3	52.0	81	1906	32	1885	13	52	2.05				
Dover	1018.5	55.4	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	83	1898	33	1886, 1905	13	45	1.76				
Tynemouth	1018.3	51.2	60.7	47.8	88	1906	34	1885, 89, 93, 1907	13	46	1.80				
Spurn Head	1018.2	54.3	61.4	51.7	79	1899	38	1892, 1909	12	36	1.42				
Yarmouth	1018.4	54.7	62.5	51.5	80	1911	33	1885	13	50	1.96				
Clacton-on-Sea	1018.8	55.2	63.3	51.6	79	1906	33	1904, 1915	9	42	1.64				
Nottingham	1019.0	50.7	64.0	47.4	94	1887	30	1887	14	42	1.65				
LONDON (Kew Obsy.)	1019.4	52.3	64.9	49.3	92	1906	33	1887	12	48	1.87				

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

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

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

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





METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.

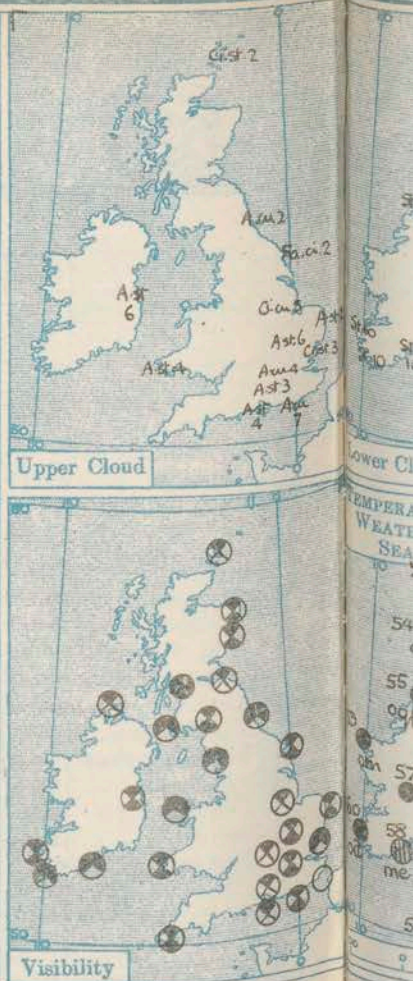
No. 2102.B MONDAY, 1<sup>ST</sup> SEPTEMBER 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																													
STATIONS.	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. m.b.	Change in 3 hours.	Dir.	Force 0-12.		°F.	% 0-10.	0-10.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.	Change in 3 hours.	Dir.		Force 0-12.	°F.	% 0-10.	0-10.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.		
	13H. G.M.T. OF 31 <sup>ST</sup> AUG.													18H. G.M.T. OF 31 <sup>ST</sup> AUG.															
†Houton B. (Orkney)	1008.1	+1	W	6	o	50	82	6	2-3000	CuNb	7	Ascl.	2	5	1004.5	+2	W	6	o	46	87	6	2-3000	CuNb	5	Acu	3	4	
†Eskdalemuir	1013.3	+2	WNW	2	c	53	65	8	-	Cu	7	-	-	*	1014.2	+2	WNW	3	b	51	65	8	-	Stcu	1	Ascl.	2	*	
†Stranraer	1014.7	+3	NNW	3	bc	57	75	8	2-3000	Cu	4	Ascl.	1	*	1014.9	-1	-	o	55	82	8	5-7000	Stcu	4	Ascl.	5	*		
†Lough Foyle	1015.4	-2	W	4	bc	55	75	8	3-4000	Cu	3	Ascl.	2	3	1014.1	o	?	3	o	43	82	6	7-9000	Fr.cu	5	?	?	3	
†Valencia (Cahire'n)	1016.9	o	S	3	o	61	65	10	3-4000	Cu	9	-	-	3	1015.9	-2	S	4	o	58	87	10	14-2000	St.	10	-	-	3	
†Anglesey (Llangefnol)	1015.2	+3	NNW	3	c	56	65	8	2-3000	Cu	5	ci	3	4	1009.3	+1	-	o	a	53	82	8	4-5000	St	9	Ascl.	1	4	
†Falmouth	1016.2	+2	N	4	b,vy	62	55	8	-	Cu	1	-	-	*	1018.1	+2	NNW	2	cv	56	65	8	-	Stcu	5	ci-cu	1	*	
†Calshot (Hants)	1014.1	+2	N	3	o	62	75	8	14-2000	Stcu	6	-	3	4	1015.7	+3	NNW	2	b	61	65	7	5-7000	Cu	3	-	-	4	
†Capel (Folkestone)	1012.2	+3	NNE	2	o	57	82	8	1-1500	CuNb	9	-	-	4	1015.2	+4	NE	2	cv	55	82	8	5-7000	Stcu	5	Ascl.	2	3	
Aberdeen	1011.0	+2	WNW	4	bcv	57	45	8	-	Cu	5	-	-	3	1012.1	+2	S	2	o	52	82	8	-	Stcu	9	-	-	2	
†East Fortune	1011.7	?	W	3	c	58	55	7	2-3000	Stcu	7	ci-cu	1	*	1011.7	-1	W	3	c	56	65	6	2-3000	Stcu	4	ci-cu	2	*	
†Flamborough Head	1012.8	+2	N	3	b	55	75	7	5-7000	Stcu	2	Acu	1	*	1014.9	+1	-	o	o	53	82	8	4-5000	Stcu	8	Acu	1	*	
†Felixstowe	1013.6	+2	ESE	2	b	59	65	6	4-5000	Stcu	7	Ascl.	2	3	1015.6	+3	E	2	cl	56	75	6	4-5000	CuNb	6	Acu	2	3	
†Cranwell (Lines)	1013.6	+2	-	o	c	57	65	8	4-5000	Cu	6	-	-	*	1015.5	+1	-	o	o	55	82	8	5-7000	Stcu	7	Ascl.	3	*	
†Bedford	1013.0	+1	NNW	3	bc	62	40	6	5-7000	Fr.cu	5	-	-	*	1015.5	+5	NW	3	cz	58	55	3	2-3000	Cu	5	ci	2	*	
Benson	1013.3	+1	N	3	bc	61	65	7	*	*	*	*	*	*	1015.4	+2	N	3	b	57	75	7	-	Cu	1	-	-	*	
London (Kew Obs.)	1013.1	+3	N	2	cyz	60	55	6	-	Cu	7	-	-	*	1015.4	+3	NW	1	b,vy	62	55	7	-	Cu	3	ci-st	2	*	
1H. G.M.T. OF 1 <sup>ST</sup> SEPT.													7H. G.M.T. OF 1 <sup>ST</sup> SEPT.																
†Houton B. (Orkney)	1010.6	o	WSW	2	c	45	98	6	1-1500	Nb	5	Ascl.	3	4	1009.1	-1	SE	2	o	47	92	6	1-1500	CuNb	7	ci-st	2	3	
†Eskdalemuir	1014.7	-1	-	o	o	43	92	6	-	Stcu	10	-	-	*	1011.4	-3	SSE	3	odm	48	92	4	1-2000	Nb	10	-	-	*	
†Stranraer	1013.2	-3	S	3	o	54	98	?	4-5000	St	10	-	-	*	1009.0	-5	S	3	t	53	97	2	1-1500	Nb	10	-	-	*	
†Lough Foyle	1011.6	-3	SSW	3	bc	58	*	*	*	*	*	*	*	4	1003.7	-2	SSW	7	o	55	97	6	1-1500	Stcu	10	-	-	*	
†Valencia (Cahire'n)	1011.6	-3	SSW	3	bc	58	*	*	*	*	*	*	*	4	1007.1	-4	SSW	5	od	60	97	4	-	St	10	-	-	4	
†Anglesey (Llangefnol)	1015.4	-3	SW	5	o	53	75	?	4-1000	St.	10	-	-	4	1012.5	-3	SSW	5	t	52	97	2	1-1000	Nb.	10	-	-	4	
†Falmouth	1019.5	-1	NNW	2	b	51	92	7	-	CuNb	3	-	-	*	1016.6	-3	SSW	4	o	57	87	5	-	Stcu	9	-	-	*	
†Calshot (Hants)	1018.7	+2	W	2	bc	48	87	8	2-3000	Stcu	6	-	-	3	1019.9	+1	NW	1	o	54	92	6	2-3000	St.	6	Ascl.	4	3	
†Capel (Folkestone)	1018.5	+1	-	o	bv	53	82	8	-	-	-	-	-	1	1019.5	+1	-	o	bcv	55	82	8	3-4000	Stcu	5	-	-	2	
Aberdeen	1011.5	o	SW	2	b	42	87	8	-	-	Fr.cu	3	*	*	1010.2	-2	SSW	2	om	50	82	4	-	Stcu	10	-	-	2	
†East Fortune	1014.1	?	W	2	o	47	75	?	14-2000	St	10	-	-	*	1010.5	-1	S	2	o	52	87	6	1-2000	St.	10	-	-	*	
†Flamborough Head	1018.6	-1	SW	1	o	49	92	5	14-2000	Stcu	10	-	-	*	1015.4	o	SW	3	z	49	87	4	1-1500	St.	5	Fr.cu	2	*	
†Felixstowe	1018.6	+2	-	o	b	45	92	?	4-5000	Stcu	3	-	-	*	1019.0	+1	NW	2	b	52	87	3	-	-	ci-st	3	3		
†Cranwell (Lines)	1017.5	o	-	o	bcw	45	92	5	2-3000	St	5	-	-	*	1016.7	o	SW	1	c	54	*	7	3-4000	St.	2	ci-cu	5	*	
†Bedford	1017.5	o	-	o	bcw	45	92	5	2-3000	St	5	-	-	*	1017.6	+1	SW	2	om	53	*	4	2-3000	Stcu	3	Ascl.	6	*	
Benson	1017.5	o	-	o	bcw	45	92	5	2-3000	St	5	-	-	*	1017.0	+1	SSW	3	o	51	92	6	-	Stcu	9	-	-	*	
London (Kew Obs.)	1018.8	+1	WNW	1	b	52	*	*	*	*	*	*	*	*	1018.1	o	SW	1	bcw	51	92	4	-	-	-	Acu	4	*	
STATIONS CONTRIBUTING REPORTS AT 7H AND 18H.																													
STATIONS.	BAROM.	TEMP.	WIND.		WEATHER.	BAROMETER.		TEMPERATURE.		WIND.		DIREC. OF UPPER CLOUD.	SEA.	RAINFALL mm.	TEMP.		WEATHER.			SUNSHINE Hours.									
	at M.S.L. m.b.	°F.	Dir.	Force 0-12.		at M.S.L. m.b.	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 31 <sup>ST</sup> AUG.										7H. G.M.T. OF 1 <sup>ST</sup> SEPT.										24 HOURS ENDED 7H. 1 <sup>ST</sup> SEPT.								
Lerwick	1009.3	49	W	3	cm	1009.1	-1	49	o	S	3	-	om	2	53	44	om	cm	om	*									
Stornoway	1011.4	51	W	3	o	1004.0	-4	50	+3	S	3	-	or	2	57	47	o. bc.	bc. o.	o. c. r.	5.8									
Castlebay (Barra Is)	1013.1	52	WSW	3	o	1002.3	-6	54	+5	SSE	5	-	od	5	55	49	bc.	bc. o.	od	9.7									
Glasgow	1014.1	53	W	2	bcz	1009.2	-3	52	+5	S	2	-	r	*	59	46	c. bc. c.	c.	b. bc. or	7.5									
Malin Head	1012.9	54	WSW	2	c	1002.3	-1	55	+4	S	5	S	ogpm	4	66	48	bc.	bc.	ogpm	5.4									
Blacksod Point	1012.4	56	SSW	4	ch	999.7	-3	59	+15	SW	3	-	omr	3	8	60	bc.	bc. ch.	cp. or	*									
Roche's Point	1017.5	57	S	3	o	1010.9	-4	58	+10	SW	4	-	ome	4	3	60	bc. c.	c. o.	odf. om	*									
Birr Castle	1015.4	59	S	1	o	1007.5	*	57	+13	S	1	-	r	*	9	59	bc. c. o.	o	o. r	5.9									
Donaghadee	1014.9	54	SSE	2	cv	1009.1	-3	54	+4	SSW	3	-	omr	3	3	59	bcv.	bcv.	omr	*									
Liverpool (Bidston)	1015.4	58	WNW	3	bc	1013.0	-2	41	-4	S	3	-	oe	2	58	48	bc.	bc.	c. op	5.9									
Holyhead	1016.4	55	SSW	3	cv	1011.2	-2	53	+1	S	6	-	ogrm	5	59	51	bc.	bc.	c. odpr	10.5									
Pembroke (St. Ann's Head)	1017.9	54	N	2	cv	1013.6	-3	57	+8	S	5	W	c	4	62	48	bcv.	bcv. ov.	cv. ovpr	8.0									
Sceilly (St. Mary's)	1019.1	59	NNW	1	bcv	1016.6	-2	59	+4	SSW	3	SW	o	4	62	54	bc.	bcv.	c. o	10.1									
Jersey (St. Aubin)	1016.9	54	WNW	3	b	1019.3	o	57	-1	W	2	-	b	1	62	46	c. o. c. o.	o. c. b.	b	8.4									
Portland Bill	1015.0	60	NNW	4	bc	1017.6	o	57	+3	WNW	4	-	c	4	62	51	o. bc.	bc.	bc. c	*									
Dungeness	1014.4	59	NNE	2																									



# SUMMARY OF CONDITIONS AT 7 A.M. Monday, 1st September, 1919.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Indef. to up	Cool	Variable cloud, local mist	good	slight
2. E. England	W 5-10	"	Fair or fine, local mist	ord.	"
3. E. Midlands	SW 2	R. Cool	Cloudy	v. good	"
4. W. Midlands	SW 10	Cool	Overcast	good	"
5. S.W. England	SSW W 10 15	Moderate	Cloudy to overcast	good	Moderate
6. South Wales	S SSW 20	"	Cloudy to overcast	ord.	"
7. North Wales	S SSW 20 25	Cool	Overcast; rain & mist, squalls at Holyhead.	v. poor	r. rough
8. N.W. England	S 10	"	Overcast	"	smooth
9. N. Midlands	SW 2	"	Cloudy, local mist	"	"
10. N.E. England	SW 5 10	"	Variable cloud, local mist and haze.	ord.	smooth
11. E. Scotland	S-SSW 2 10	R. cool	Overcast; local mist	ord.	smooth
12. S.W. Scotland	S 5 10	"	Overcast, rainy, mist locally	var.	"
13. Isle of Man	S 5-10	"	Overcast	"	"
14. N. & N.W. Scot- land	SSE to 10	"	Overcast, showery	"	"
15. Hebrides	S 10-20	Moderate	Overcast, rainy	"	Moderate
16. Orkneys and Shetlands	S SE 5 10	r. cool	Overcast; mist in Shetlands	var.	smooth
17. N.W. Ireland	SW 10	Moderate	Overcast, rain & mist	"	slight
18. N.E. Ireland	S SW 10-20	"	Overcast; mist & rain, squally in north	v. good	"
19. S.E. Ireland	S SE 2 15	"	Overcast; local rain	ord.	r. rough
20. S.W. Ireland	SW 15 20	"	Overcast; local rain	poor	slight



## GENERAL INFERENCE from observations received up to 10 a.m.

A depression now centred to Northwest of Ireland will cause rain or showers in all districts, the northern and western districts being chiefly affected.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**  
 ○ clear sky. ○ sky & clouded.  
 ⊙ sky & clouded. ⊙ sky & clouded.  
 ⊕ overcast sky. ⊕ rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist.  
 T thunder. T thunderstorm.  
**SEA DISTURBANCE.**— Rough ~~~~~ High ~~~~~

Districts.	Forecasts for the 24 hours commencing 3 p.m. Monday, 1st September, 1919	Further Outlook.
1. S.E. England	Moderate or fresh SW W winds, cloudy to dull, some rain or showers. Temperature moderate.	Conditions are likely to remain unsettled.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales		
7. North Wales	Fresh or strong SW W winds; dull, some rain. Temperature moderate.	
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. E. Scotland	Strong southerly winds veering later. Rainy; temperature moderate.	
12. S.W. Scotland		
13. Isle of Man		
14. N. & N.W. Scot- land	Strong southerly or variable winds, rainy. Temperature moderate.	
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland	Fresh westerly winds; unsettled, some rain, fair inter- vals, temperature moderate.	
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		



# SYNOPTIC CHART FOR MORNING OF Monday, 1st September, 1919.

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



## Scale of Surface Visibility.

Scale of Surface Visibility					
1.	Very Bad	Objects not visible beyond	200 metres.		
2.	Bad	" " "	500 "	(545 yards)	
3.	Very Poor	" " "	1,000 "	(0.6 mile)	
4.	Poor	" " "	2,000 "	(1.2 miles)	
5.	Indif. } Ordinary	" " "	4,000 "	(2.5 " )	
6.	Fair	" " "	7,000 "	(4.3 " )	
7.	Good, above ord.	" " "	12,000 "	(7.5 " )	
8.	Vy. gd., unusual	" " "	20,000 "	(12.4 " )	
9.	Excep. good	" " "	30,000 "	(18.6 " )	
10.	Objects visible beyond 30,000 metres, (18.6 miles)				



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. NO. 244B

MONDAY,  
1<sup>ST</sup> SEPTEMBER.

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 31 <sup>ST</sup> AUGUST.																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night, 17h-9h. 30 <sup>th</sup> .	Day, 9h-17h. 30 <sup>th</sup> .	to 17h. 30 <sup>th</sup> .	Sunrise to Sun-set 30 <sup>th</sup> .			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night, 17h-9h. 30 <sup>th</sup> .	Day, 9h-17h. 30 <sup>th</sup> .	to 17h. 30 <sup>th</sup> .	Sunrise to Sun-set 30 <sup>th</sup> .
Scotland.	Oban ... ..									England, N.W.	Douglas (I.O.M.)								
	Banff ... ..	bc	bc	57	48	2	-	6.2	0.0		Blackpool ... ..								
	Montrose ... ..										Southport ... ..								
	St. Andrews ... ..																		
England, N.E.	Harrogate ... ..	b.bc	c.o.	57	33	-	-	4.7	8.2	Midlands.	Buxton ... ..								
	Skegness ... ..										Leamington Spa ... ..	b	bc	62	42	0.1	-	9.0	9.3
											Malvern ... ..								
											Ross-on-Wye ... ..	b.w.by	by.o	65	42	6	-	9.2	6.4
England, E.	Felixstowe ... ..	c	bc	60	53	1	-	2.3	7.6	Wales.	Rhyl ... ..	c.bc	bc	58	39	1	-	6.8	-
	Walton-on-Naze ... ..										Colwyn Bay ... ..	-	-	57	44	-	-	5.0	-
	Southend-on-Sea ... ..	or.c.	h.bc	63	51	4	-	2.7	8.7		Llandudno ... ..	o.c.b.	bc	58	42	0.3	-	7.5	-
											Aberystwyth ... ..								
England, S.E.	Margate ... ..									England, S.W.	Weymouth ... ..								
	Ramsgate ... ..	bc	bc	61	50	1	-	3.0	8.9		Teignmouth ... ..								
	Folkestone ... ..	rc.	d.cdr	62	51	6	Trace	1.6	9.6		Torquay ... ..	b	b	64	52	1	-	10.6	-
	Hastings ... ..	or.	bc	61	51	16	1	2.0	9.6		Paignton ... ..								
	Eastbourne ... ..	c.bc.	b.	63	53	10	-	5.1	10.0		Penzance ... ..	b.bc.	bc	64	54	2	-	10.0	-
	Brighton ... ..	c.bc.	bc	66	54	19	-	7.1	-		Newquay ... ..	b	b	59	53	3	-	9.7	-
	Worthing ... ..	bc.	bc.b.	63	53	10	-	8.3	9.1		Bude ... ..								
	Littlehampton ... ..	-	-	68	51	8	x	8.0	-		Ilfracombe ... ..								
	Bournemouth ... ..	b	b	63	51	19	-	9.0	7.3		Weston-s-Mare ... ..								

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.		No.	Limits of Velocity.	
	7h-13h 31 <sup>st</sup>	13h-18h 31 <sup>st</sup>	18h 31 <sup>st</sup> -1h. 1 <sup>st</sup>	1h-7h. 1 <sup>st</sup>				Day. 7h-18h	Night. 18h-7h				Statute miles per hour.	Metres per second.
†Houton Bay (Orkney)...	g. h.	h2 b bc	h. v.	p. v.	50	43	*	*	*	*	0	Less than 1	Less than 0.3	
†Eskdalemuir ...	bw. bcc	cy. bcy	o	o. odm	60	41	38	-	1	8.5	1	1-3	0.3-1.5	
†Stranraer ...	bc. v.	v. c. o.	c. o.	om. r.	59	41	*	*	*	*	2	4-7	1.5-3.3	
†Lough Foyle ...	c. ov.	c.		r. g.	57	48	*	*	*	*	3	8-12	3.4-5.4	
†Valencia (Cahiriveen) ...	b. bc. o.	o	opd. on		62	46	55	-	6	5.9	4	13-18	5.5-7.9	
†Anglesey (Llangefni) ...	c. a.	bc. c.	o	od.	58	36	*	*	*	*	5	19-24	8.0-10.7	
†Falmouth ...	b. bvy.	b. bc. v.	o. c. bc	b. bc. o	57	55	45	-	-	8.4	6	25-31	10.8-13.8	
†Calshot (Hants) ...	b. o.	bc. c.	c. o.	b. o	64	48	*	*	*	*	7	32-38	13.9-17.1	
†Capel (Folkestone) ...	h. bc. c.	v. h.	b. v.	b. v	60	50	*	*	*	*	8	39-46	17.2-20.7	
Aberdeen ...	c. bc. v.	bc. v. of.	c. bc. of		58	42	35	0.1	-	4.6	9	47-54	20.8-24.4	
†East Fortune ...	c. o.	bc. c. b.	bc. c. b	c. o	61	45	*	*	*	*	10	55-63	24.5-28.4	
†Flamborough Head ...	b. bc.	bc. c. v.	bc. c. v.	z. c. o	60	39	*	*	*	*	11	64-75	28.5-33.5	
†Felixstowe ...	c. o.	bc. c.	bc. c.	b. up.	61	43	*	*	*	*	12	Above 75	33.6 or above	
†Cranwell (Lincs) ...	b. bc. c.	bc. c. o.	b. bc.	w. bc. c	60	41	*	*	*	*	Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0 = slight, 2 = heavy. Underlining is used to express continually.			
†Bedford ...	b. bc. z.	b. bc. z.	b. bc. z.	b. bc. z.	63	43	*	*	*	*	SYMBOLS—			
Benson ...	bc.	bc.	bc		63	42	35	-	-	*	Aurora	☉	Solar halo	
London (Kew Obsy.) ...	od. cy.	cy. by.	b. bc. mw		61	45	34	0.1	-	10.3	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.		13 <sup>th</sup> SEPTEMBER 1919.						
		24 HOURS ENDED 31 G.M.T. 1 <sup>ST</sup> .....									YESTERDAY. TO-DAY.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.						
Greenwich (Royal Observatory)	c	c.b	b.wm	66	43	31	-	8.3	47	61	Total ... 169.3 ..... Joules.  Milliwatts. Average Rate. 34.6 Maximum Rate. 81	Yarmouth... { Greenwich { Wick ... { Valencia ... {	Stations.	Sunrise.	Noon.	Sunset.			
City (Bunhill Row) ...	*	*	*	*	*	*	*	10.2	*	*							G.M.T.	G.M.T.	G.M.T.
Westminster (St. James's Park)	*	*	*	66	45	-	-	10.0	49	60							5.5	11.53	6.41
" (Admiralty Arch)	bcm	bc	b.bc.c	66	49	*	-	9.3	51	66							5.7	11.53	6.39
Camden Sq. (British Rainfall)	-	-	*	68	44	40	-	8.2	-	62							5.14	12.0	6.46
Kensington Palace ...	o.c.bc	bc.b	*	64	44	35	-	*	60 (9h)	72	5.16	12.0	6.44						

## NOTES ON THE WEATHER OF YESTERDAY.

Small amounts of rain fell in the west and north chiefly during the night. Good sunshine records were obtained in nearly all localities, several stations reporting 10 hours, and at Gorleston 12.8 hrs were enjoyed. Temperature failed to reach 70° during the day and the minimum was below 40° at some stations.





METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.

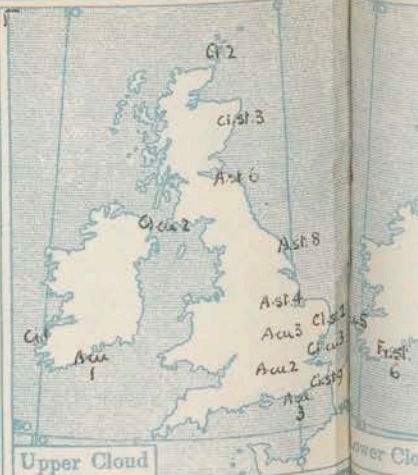
No. 21, 1038 TUESDAY, 2<sup>ND</sup> SEPTEMBER, 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																													
STATION.	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.	Direc.	Force 0-12.		°F.				Form.	Amt. 0-10.	Form.	Amt. 0-10.		at M.S.L.	Change in 3 hours.	Direc.	Force 0-12.		°F.				Form.	Amt. 0-10.	Form.	Amt. 0-10.		
	m.b.																												
13H. G.M.T. OF 1 <sup>ST</sup>														18H. G.M.T. OF 1 <sup>ST</sup>															
Houton B. (Orkney)	1009.2	-4	S	4	d	50	97	3	1-1000	Nb	10	-	-	*	1003.0	-3	SE	1	0	52	97	3	1-1500	M.Cu	10	-	-	1	
Eskdalemuir	1009.2	-4	S	4	d	50	97	3	1-1000	Nb	10	-	-	*	1004.1	-4	SSW	5	rf	56	97	1	1-500	Nb	10	-	-	*	
Stranraer	1005.3	-2	SSW	5	rf	57	97	2	1-500	Nb	10	-	-	*	1002.7	-3	S	3	0	58	98	3	1-500	st.	3	Ast	7	*	
Lough Foyle	1003.0	-1	SW	2	c	61	87	5	3-4000	Cu	2	Ast	5	3	1001.7	0	W	2	0	63	98	4	1-1000	st.	10	-	-	2	
Valencia (Cahire'n)	1006.0	-1	SW	2	0	63	92	6	1-1000	Sr	10	-	-	3	1004.9	-1	WSW	3	0	60	87	7	1-1000	Sr	6	Ast	3	3	
Anglesey (Llangefni)	1009.3	-3	SSW	6	rf	57	97	4	1-1000	Sr	10	-	-	5	1005.6	-6	SW	5	rf	58	92	4	1-1500	Sr	10	-	-	5	
Falmouth	1015.0	-2	SSW	5	c	63	75	6	-	Cu	7	-	-	*	1012.0	-3	SSW	5	0	59	92	5	-	Nb	10	-	-	1	
Calshot (Hants)	1017.8	-2	WSW	3	0	65	55	8	7-9000	Cu	5	Ast	4	4	1015.1	-3	SSW	4	b	62	75	7	3-4000	Cu	3	-	-	*	
Capel (Folkestone)	1018.7	-1	SSW	5	0.v	61	75	4	2-3000	Sr	10	-	-	5	1017.0	-2	SSW	4	bv	58	75	8	4-5000	S.Cu	4	Ast	2	4	
Aberdeen	1007.1	-2	S	5	om	53	92	4	-	Nb	10	-	-	3	1004.4	-2	S	3	r	54	97	4	-	Nb	10	-	-	3	
East Fortune	1006.6	-3	S	4	rf	54	82	4	1-1500	Nb	7	Ast	3	*	1003.1	-3	S	4	0	58	82	5	1-2000	st.	5	Ast	4	*	
Flamboro' Hd.	1013.4	-2	SSW	4	0	57	92	5	5-7000	S.Cu	2	Ast	8	*	1010.5	-3	S	4	0	56	82	5	5-7000	Sr	3	Ast	7	*	
Felixstowe	1018.2	-2	SSW	3	0	64	55	6	3-4000	S.Cu	4	Ast	5	4	1016.3	-2	WSW	4	0	62	65	5	3-4000	S.Cu	6	Ast	4	3	
Cranwell (Lincs)	1015.2	-2	SSW	2	0	63	75	7	2-3000	Sr	5	Ast	5	*	1013.4	-2	S	3	0	60	75	8	3-4000	Sr	6	C.S.	3	*	
Bedford	1013.7	-2	SW	4	0	64	45	5	5-7000	Sr	2	Ast	7	*	1013.6	-3	SW	3	0	?	55	4	5-7000	S.Cu	10	-	-	*	
Benson	1015.2	-2	SSW	4	c	64	65	8	-	-	-	-	-	*	1013.6	-2	S	3	0	59	75	10	-	C.Cu	8	*	*		
London (Kew Obs.)	1016.4	-2	SW	4	bc	65	55	7	-	Cu	3	Ast	2	*	1014.9	-2	SSW	3	bc	62	65	8	-	S.Cu	3	Ast	3	*	
1H. G.M.T. OF 2 <sup>ND</sup>														7H. G.M.T. OF 2 <sup>ND</sup>															
Houton B. (Orkney)	1001.1	0	E	2	of	50	97	0	-	-	-	-	-	*	999.4	0	S	2	bc	52	92	6	1-1500	Cu.Nb	3	C.	2	*	
Eskdalemuir	1002.3	-3	SW	5	om	56	97	1	1-1500	Nb	10	-	-	*	1001.1	-1	SSW	4	atm	55	97	2	1-1000	Nb	10	-	-	*	
Stranraer	1001.5	0	SSW	1	0	55	97	-	1-500	Sr	10	-	-	*	1010.7	-1	-	0	0	54	98	5	3-4000	Sr	7	C.Cu	2	*	
Lough Foyle	1001.5	-2	WSW	2	bc	58	*	*	*	*	*	*	*	*	1001.9	0	SSW	2	bc	55	92	8	1-2000	Cu	5	C.	1	3	
Valencia (Cahire'n)	1001.5	-2	WSW	2	bc	58	*	*	*	*	*	*	*	*	1002.4	0	W	2	d	57	97	3	-	Sr	10	-	-	3	
Anglesey (Llangefni)	1004.3	-2	SW	4	rf	59	97	97	1-1000	Sr	10	-	-	5	1005.2	-1	SSW	6	orq	61	97	5	-	Nb	10	-	-	*	
Falmouth	1007.7	-5	SSW	6	odq	59	97	4	-	Nb	10	-	-	4	1009.6	-2	S	3	0	62	92	8	-	st.	10	-	-	4	
Calshot (Hants)	1011.8	-4	S	3	0	59	75	7	1-2000	S.Cu	10	-	-	3	1012.2	0	SSW	5	0	58	82	7	-	-	-	-	-	9	5
Capel (Folkestone)	1015.1	-2	S	2	b	57	87	7	-	-	-	-	-	*	1000.0	0	S	3	om	57	87	5	-	Nb	7	C.S.	3	3	
Aberdeen	1000.4	-4	S	3	d	52	97	4	1-1000	Nb	10	-	-	*	1000.0	0	S	1	0	59	82	6	2-3000	st.	4	Ast	6	*	
East Fortune	1001.0	-2	S	2	r	58	92	-	1-1500	Nb	10	-	-	*	1000.0	0	S	1	0	59	82	6	2-3000	st.	4	Ast	6	*	
Flamboro' Hd.	1007.8	-4	SSW	5	0	55	87	6	5-7000	S.Cu	6	Ast	3	*	1007.2	-1	S	4	om	55	87	6	5-7000	st.	2	Ast	8	*	
Felixstowe	1015.3	-2	SW	3	b	59	75	-	5-7000	S.Cu	3	-	-	7	1011.9	0	WSW	4	bc	61	75	5	5-7000	st.	5	Cu	3	5	
Cranwell (Lincs)	1010.2	-2	SSW	2	b	52	92	5	2-3000	Sr	3	Ast	1	*	1007.9	-3	SSE	3	0	55	92	6	2-3000	st.	5	Ast	4	*	
Bedford	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.9	-2	S	2	2	56	75	3	2-3000	st.	4	Ast	3	*	
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.2	-2	SSE	3	0	60	92	6	-	Cu	10	-	-	*	
London (Kew Obs.)	1012.1	-3	SE	1	0	58	*	*	*	*	*	*	*	*	1009.5	-2	S	2	c	59	92	5	-	st.	5	Ast	2	*	
STATIONS CONTRIBUTING REPORTS AT 7H AND 18H.																													
STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		DIREC. OF UPPER CLOUD.	Weather.	SEA.	RAINFALL mm.	TEMP.			WEATHER.			SUNSHINE Hours.							
	at M.S.L.	°F.	Direc.	Force 0-12.		at M.S.L.	Change in 8 hours.	Temp. °F.	Change in 24 hours.	Direc.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.									
	m.b.					m.b.																							
18H. G.M.T. OF 1 <sup>ST</sup>														7H. G.M.T. OF 2 <sup>ND</sup>															
Lerwick	1006.8	52	SW	3	omr	999.8	-3	54	+5	SSE	1	-	rf	1	3	55	48	om	omp	rf	*								
Stornoway	1000.2	58	SSW	3	bc	999.7	-1	54	+4	SW	3	-	0	2	5	62	50	cop	obc	c.o	5.8								
Castlebay (Barra)	1000.6	55	SSW	4	of	997.3	0	55	+1	SE	4	-	0	4	0.1	60	54	doc	caf	of.o	3.3								
Glasgow	1002.8	57	SW	2	omd	1000.8	0	56	+4	SSW	2	-	om	*	15	58	51	omr	omdp	opm	0.0								
Malin Head	1000.4	59	SW	2	omp	1000.3	-1	54	-1	S	3	S	bcm	1	trace	63	52	bc	bc	bc	3.7								
Blackod Point	1000.5	60	SW	3	bc	996.8	-3	58	-1	SW	5	-	bc	4	-	63	55	omr bc	bc	c.bc	*								
Roche's Point	1005.8	59	SSW	3	0	1003.3	0	57	-1	WSW	2	W	c	2	14	60	55	fr	from	od.o.c	*								
Birr Castle	1003.2	61	W	1	0	1001.3	*	53	-4	S	1	SW	c	*	5	65	49	or	or.o	or.c	0.5								
Donaghadee	1004.1	60	SSW	3	om	1001.2	-1	53	-1	W	2	SW	bcm	2	3	61	52	omq.p	omp	opm	*								
Liverpool (Bidston)	1007.8	56	SSE	4	0	1002.9	-2	57	+8	SE	3	-	or	2	15	58	49	0	r	or	0.0								
Holyhead	1005.6	58	S	6	odq.m	1001.7	-1	56	+3	WSW	3	-	cg	1	44	59	53	orqm	orqm	orm.c	0.0								
Pembroke (St. Ann's Head)	1008.9	59	SW	6	aq	1004.1	+1	57	0	W	2	-	c	4	7	60	57	cgq.p	cgq.p	og.or	0.0								
Scilly (St. Mary's)	1011.7	60	S	4	md	1006.0	-1	57	-2	W	3	SW	bc	4	3	64	55	cod	ofmd	cp.om	2.7								
Jersey (St. Aubin)	1015.4	64	SSE	2	b	1010.3	-1	62	+5	S	4	-																	



# SUMMARY OF CONDITIONS AT 7 A.M. Tuesday, 2nd September, 1919.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	S SW 5-15	R. warm	Cloudy to overcast	vgood	Moderate
2. E. England	S SW 10-15	"	Fair generally; local haze	ord.	"
3. E. Midlands	S-SSE 5-10	Moderate	Overcast; local haze	var.	"
4. W. Midlands	SSE 10	R. warm	Overcast	good	"
5. S.W. England	S W 10-20	"	O'cast; local mist & light rain	ord.	Moderate
6. South Wales	W 5-10	Moderate	Cloudy to o'cast; local mist & light rain.	"	"
7. North Wales	W 10	"	Cloudy to o'cast; local drizzle	poor	smooth
8. N.W. England	SE 10	"	Overcast; slight rain	ord.	slight
9. N. Midlands	SW 5	R. warm	Overcast	"	"
10. N.E. England	S-SW 10-15	Moderate	Cloudy to o'cast; local mist.	var.	smooth
11. E. Scotland	S SE 2-10	R. warm	Overcast; local mist	var	slight
12. S.W. Scotland	SW 5-15	"	Overcast, misty, local rain	"	smooth
13. Isle of Man	SW 5-15	Moderate	Overcast	"	"
14. N. & N.W. Scotland	SSW 5	"	Cloudy to o'cast; local mist & showers.	"	"
15. Hebrides	SW 10-15	"	Overcast	"	slight
16. Orkneys and Shetlands	S 2-5	"	Fair in Orkneys; rain & fog in Shetlands.	var.	calm
17. N.W. Ireland	SW 20	R. warm	Fair generally	"	Moderate
18. N.E. Ireland	S W 5-10	Moderate	Fair generally, misty	"	smooth
19. S.E. Ireland	S W 2-10	"	Cloudy	"	"
20. S.W. Ireland	SW 5	"	Fair to cloudy	v.good	"



## GENERAL INFERENCE from observations received up to 10 A.M.

A stationary depression off our NW coasts will maintain southwesterly winds and unsettled weather over the United Kingdom generally.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrow flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**  
 ○ clear sky. ○ sky & clouded.  
 ⊙ sky & clouded.  
 ⊕ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog ≡ mist.  
 T thunder. F thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough High

Districts.	Forecasts for the 24 hours commencing 3 p.m. Tuesday, 2nd September, 1919
1. S.E. England	Moderate SW wind; cloudy, some showers. Moderate temperature.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Moderate SW W winds; cloudy, some showers, Moderate temperature.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Moderate S SW winds; unsettled, some rain or showers.
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	Moderate temperature.
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Moderate SW W winds; changeable, some rain or showers, moderate temperature
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

**Further Outlook.**  
 Conditions are likely to remain generally unsettled.

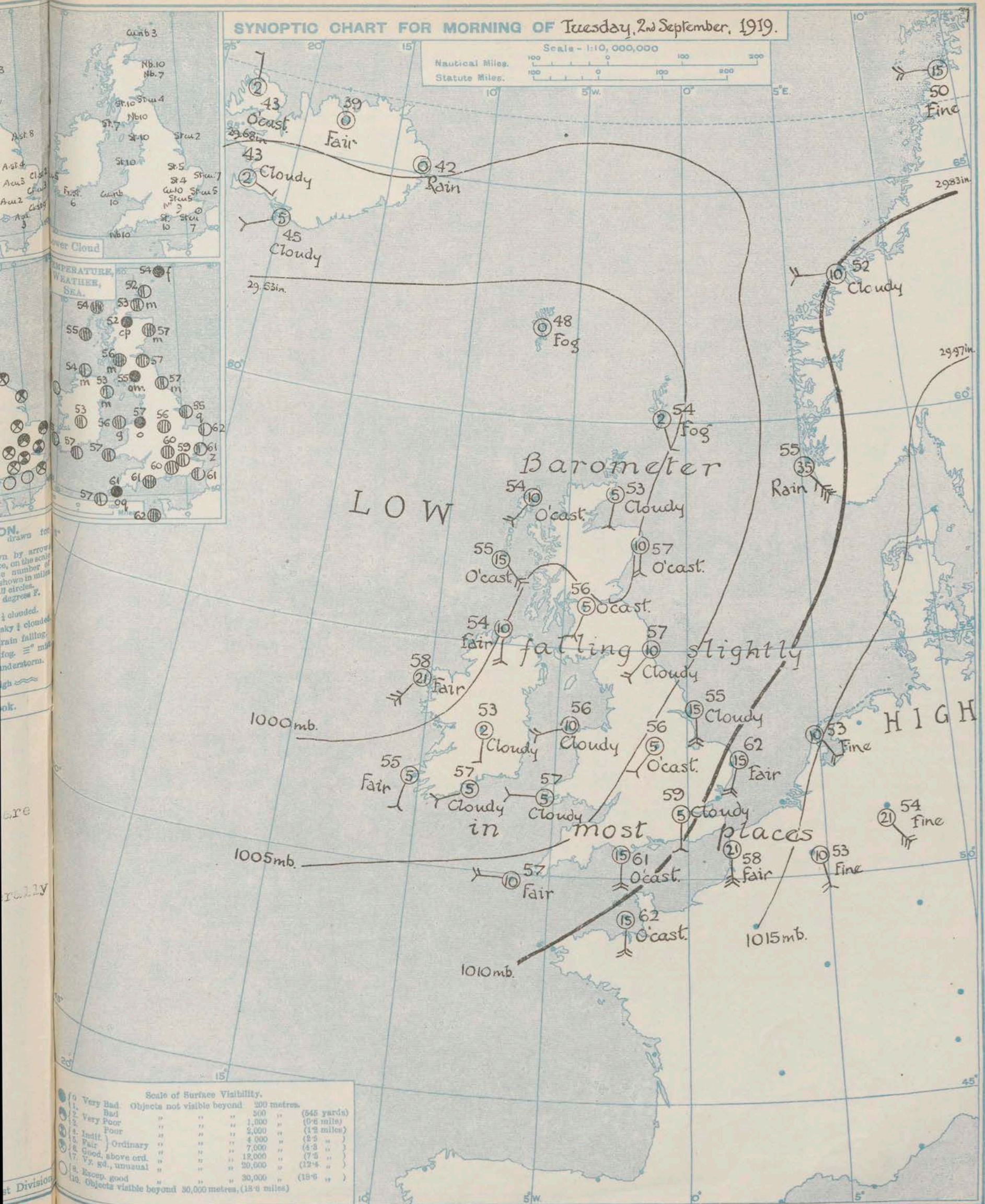


SYNOPTIC CHART FOR MORNING OF Tuesday, 2nd September, 1919.

Scale - 1:10,000,000

Nautical Miles.  
Statute Miles.

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#### Scale of Surface Visibility.

Objects not visible beyond 200 metres.

500	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	9500	10000
1000	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000	14000	15000	16000	17000	18000	19000	20000

11	11	11	1,000	11	(1 1/2 miles)
12	12	12	2,000	12	(1 3/4 miles)

Binary	11	11	4 000	11	(2.5	11	)
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19	12	11	7,000	12	(4.3)	11	
20	13	12	18,000	13	(7.5)	12	

usual	19	22	11	12,000	11	12	11
usual	22	22	22	20,000	12	(12-4)	11

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
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able beyond 30,000 metres, (18·0 miles)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 245 B

Tuesday  
2nd September.

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 1 <sup>ST</sup>																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 31 <sup>st</sup> .	Day. 9h-17h. 1 <sup>st</sup> .	to 17h. 1 <sup>st</sup> .	Sunrise to Sun- set. 31 <sup>st</sup> .			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 31 <sup>st</sup> .	Day. 9h-17h. 1 <sup>st</sup> .	to 17h. 1 <sup>st</sup> .	Sunrise to Sun- set. 1 <sup>st</sup> .
Scotland.	Oban ... ..	o	ro	59	48	1	1	-	1.1	England, N.W.	Douglas (I.O.M.)	-	-	57	51	11	22	-	-
	Banff ... ..	cbe	bc	58	42	-	1	27	6.4		Blackpool ... ..	or	or	57	48	0.3	10	-	-
	Montrose ... ..	or	or	60	44	-	2	-	-		Southport ... ..	r	r	56	47	1	8	-	-
	St. Andrews ... ..	o	r	58	45	-	1	77	-										
England, N.E.	Harrogate ... ..	or	or	54	45	-	7	-	5.4	Midlands.	Buxton ... ..	bcbcb	bcbcb	53	43	-	2	-	9.0
	Skegness ... ..	ombc	bc	63	44	-	-	29	-		Leamington Spa... ..	ocb	o	62	45	-	-	-	9.0
	Scarboro' ... ..	-	-	60	46	-	0.2	-	-		Malvern ... ..	-	-	62	44	-	-	0.1	9.4
											Ross-on-Wye ... ..	o	o	62	44	-	-	-	-
England, E.	Felixstowe ... ..	b	bc	65	46	-	-	59	2.7	Wales.	Rhyl ... ..	of	ofc	61	47	3	2	0.2	7.4
	Walton-on-Naze... ..	-	-	-	-	-	-	-	-		Colwyn Bay ... ..	-	-	61	50	1	0.2	-	5.8
	Southend-on-Sea... ..	bewm	bce	63	48	-	-	5.2	3.1		Llandudno ... ..	cp	op	62	49	2	1	-	7.9
											Aberystwyth ... ..	roc	co	61	56	-	-	-	-
England, S.E.	Margate ... ..	bbe	c	64	49	-	-	5.8	4	England, S.W.	Weymouth ... ..	bc	bc	66	46	-	-	6.6	4
	Ramsgate ... ..	b	b	64	47	-	-	7.0	3.7		Teignmouth ... ..	bc	bc	65	50	-	-	4.0	-
	Folkestone ... ..	bcy	bcbv	65	50	1	-	8.4	1.6		Torquay ... ..	ebe	bcc	63	50	-	-	4.7	11.1
	Hastings ... ..	bcb	bcb	65	49	-	-	9.3	3.3		Paignton ... ..	bc	c	65	46	-	-	5.1	4
	Eastbourne... ..	cbb	bc	66	56	-	-	7.5	5.7		Penzance ... ..	apbc	bccod	65	51	-	-	3.2	10.0
	Brighton ... ..	cbe	bc	64	46	-	-	8.1	8.1		Newquay ... ..	c	c	67	49	-	-	2.0	9.7
	Worthing ... ..	bc	bc	66	46	-	-	8.0	9.0		Bude ... ..	o	o	65	50	-	-	0.5	-
	Littlehampton ... ..	ob	b	63	59	-	-	7.9	11.0		Ilfracombe ... ..	o	oc	65	52	-	-	1.4	4
	Bournemouth ... ..	-	-	64	45	0.1	-	9.0	9.6		Weston-s-Mare ... ..	bcd	c	65	49	-	-	0.6	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.			Sea.			
	7h-13h <sup>1st</sup>	13h-18h <sup>1st</sup>	18h-1st <sup>1st</sup> 1h2 <sup>nd</sup>	1h-7h2 <sup>nd</sup>				Day 7h-13h	Night 13h-7h			Hours.		
†Houton Bay (Orkney)...		c.z	op	op	52	42	*	*	*	*	b blue sky (not more than a quarter covered).	No.	Limits of Velocity.	
Eskdalemuir ... ..	odm	r <sub>2</sub>	feorm	ormofe	56	47	55	22	8	0.0	bc sky partly cloudy (one half covered).		Statute miles per hour.	M-tres per second.
†Stranraer ... ..	omr	opd.	opa	c	59	41	*	*	*	*	c generally cloudy (three quarters covered).	0	Less than 1	Less than 0.3
†Lough Foyle ... ..	bcc	bc					*	*	*	*	d drizzle, or fine rain.	1	1-3	0.3-1.5
Valencia (Cahirciveen) ...	r pa	op	a.c-bcp		64	55	51	3	1	0.2	e wet air without rain falling.	2	4-7	1.6-3.3
†Anglesey (Llangefni) ...	rg	opr	rg	rg	59	56	*	*	*	*	f fog. g gloom.	3	8-12	3.4-5.4
Falmouth ... ..	ocq	co	odq	orq	66	57	57	-	2	5.4	h hail. i lightning.	4	13-18	5.6-7.9
†Calshot (Hants) ... ..	om	bcc	b.o	b.o	65	48	*	*	*	*	m mist.	5	19-24	9.6-19.7
†Capel (Folkestone)...	co.v	bcc.v	b.be	be.c	61	50	*	*	*	*	o overcast sky.	6	25-31	10.8-13.8
Aberdeen ... ..	omr	ofc.p	ae.fcr		57	49	50	1	1	0.5	p passing showers.	7	32-38	13.9-17.1
†East Fortune ... ..	r <sub>2</sub> q	opd.	o.r	op.	61	45	*	*	*	*	q squalls.	8	39-46	17.2-20.7
†Framboro' Md. ... ..	co	rg	rg	rg	59	53	*	*	*	*	r rain.	9	47-54	20.8-24.4
†Felixstowe ... ..	b.bcz	b.bcc	b.bcc	b.c.c	65	45	*	*	*	*	rs sleet, i.e., rain and snow together.	10	55-63	24.5-28.4
†Cranwell (Lines) ... ..	p	p.c	co.be	b.bcco	62	43	*	*	*	*	s snow.	11	64-76	25.5-33.5
†Bedford ... ..	ompd	c	rg.		66	43	*	*	*	*	t thunder.	12	Above 76	33.6 or above
Benson ... ..	c	cv	c.o		65	51	44	-	-	*	u ugly, threatening sky.	Suffices 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 2=heavy. Underlining is used to express continuity.		
London (Kew Obsy.) ... ..	bomp.bcy	bcy	b.d.c	66	55	46	-	-	-	4.6	v unusual visibility.			
											w dew.	SYMBOLS— Aurora ☄ Solar halo ☉ Rime ☃ Lunar halo ☾ Glazed frost ☑ Solar corona ☉ Glazed roads ☑ Lunar corona ☾		
											x hoar frost.			
											y dry air; humidity less than 60 per cent.			
											z dust haze: the turbid atmosphere of dry weather.			

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. 2 <sup>nd</sup> .....								YESTERDAY.			TO-DAY.		2 <sup>nd</sup> & 3 <sup>rd</sup> September 1919.										
												Stations.				Sunrise.	Noon.	Sunset.						
Greenwich (Royal Observ. 47)	omw	c.bcb	c	69	51	41	—	5.2	55	76	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.								
City (Bunhill Row) ...	*	*	*	*	*	*	*	3.1		*														
Westminster (St. James's Park)	*	*	*	65	55	47	—	4.0	55	73														
(Admiralty Arch	o.c.c	bc	bcb.bc	67	56	*	—	3.6	59	82														
Camden Sq. (British Rainfall)	o.c	bcc	*	70	53	47	—	3.4	50	76	Total ... 1428..... Joules.	12.0	11.59	7.9	7.6	7.26								
Kensington Palace ...	bc.	bc	*	70	55	47	—	*	68 (18h)	80														
																	Average Rate. 29.3		Wick ... {		12.12		7.6	
																	Maximum Rate. 80		Valencia ... {		12.41		7.24	

## NOTES ON THE WEATHER OF YESTERDAY.

Rain fell in all districts except the south and east of England, the largest measurements being 44mm at Holyhead and 30mm at Eskdalemuir. At Douglas (Isle of Man) 33mm fell in the 24 hours ended 17h yesterday. Sunshine was deficient except on the south coast where some records of 9hrs were obtained. Temperature reached 70° in London.





METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.

No 21194.B WEDNESDAY 3<sup>rd</sup> September 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																												
STATIONS.	BAROM.	†	WIND.		TEMP.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea.	BAROM.	†	WIND.		TEMP.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea.		
	at M.S.L. m.b.	Change in 3 hours.	Dirac.	Force 0-12.					Weather	°F.	0-10.	Feet.		Form.	Amt. 0-10.	Form.	Amt. 0-10.					0-9.	at M.S.L. m.b.	Change in 3 hours.	Dirac.		Force 0-12.	Weather
13H. G.M.T. OF 2 <sup>nd</sup>														18H. G.M.T. OF 2 <sup>nd</sup>														
†Houton B.(Orkney)	9995	0	ESE	2	bc	57	87	6	3-4000	S.Cu	3	As	3	1	9998	0	ESE	2	bc	58	97	7	3-4000	S.Cu	3	As	2	0
Eskdalemuir ...	10017	+1	SSW	4	bc	60	75	6	-	Cu	6	-	-	*	10032	+2	SSW	4	c	57	82	6	-	S.Cu	8	-	-	*
†Stranraer ...	10014	+2	SSW	4	b	64	87	5	3-4000	Cu	1	-	-	*	10014	0	SW	4	r	58	97	3	2-3000	Nb	7	As	1	*
†Lough Foyle ...	9981	-2	SSW	6	o	61	82	6	1-1500	S.Cu	9	-	-	4	9984	+1	SW	5	c	59	82	6	2-3000	Cu	7	-	-	3
Valencia (Cahire'n)	10027	+1	WSW	4	bc	60	82	8	2-3000	Cu	5	As	1	4	10039	+2	W	3	c	59	82	7	2-3000	Cu	7	-	-	2
†Anglesey (Llangefni)	10037	+1	WSW	3	c	61	82	8	1-1500	S.Cu	7	As	1	4	10037	0	SW	3	c	61	82	8	1-2000	Cu	6	As	2	4
Falmouth ...	10063	0	E	2	c	66	75	5	-	C.Nb	5	As	2	*	10068	+1	SW	3	c	61	82	5	-	S.Cu	5	As	3	*
†Calshot (Hants) ...	10088	-2	WSW	4	o	66	87	7	4-5000	Sr	10	-	-	4	10077	-1	SSW	3	r	64	65	6	1-1000	Sr	10	-	-	4
†Capel (Folkestone)	10112	-2	SSW	4	bvc	62	87	8	4-5000	S.Cu	4	As	2	4	10099	-2	SSW	3	b	62	82	8	-	-	As	4	3	
1H. G.M.T. OF 3 <sup>rd</sup>														7H. G.M.T. OF 3 <sup>rd</sup>														
†Houton B.(Orkney)	9999	+3	S	1	of	53	92	2	1-2000	S.Cu	9	-	-	1	10005	+1	S	2	bc	52	92	6	4-5000	Sr.Cu	2	As	3	3
Eskdalemuir ...	10034	0	SSW	4	orm	55	92	6	-	Nb	10	-	-	*	10055	+4	SW	3	c	53	92	5	1-1500	Sr	8	-	-	*
†Stranraer ...	10030	+2	-	0	b	52	97	-	2-3000	Sr	2	-	-	*	10052	+4	-	0	r.f	52	97	5	-	Sr	10	-	-	*
†Lough Foyle ...	10063	0	WNW	2	bc	56	*	*	*	*	*	*	*	*	10033	+3	S	4	c	52	92	7	1-2000	Sr	8	-	-	3
Valencia (Cahire'n)	10063	0	WNW	2	bc	56	*	*	*	*	*	*	*	*	10047	+1	SSW	3	bcw	55	92	8	2-3000	Sr.Cu	5	-	-	3
†Anglesey (Llangefni)	10049	0	SW	3	bc	58	97	1	2-3000	Sr	5	-	-	4	10059	+2	SW	2	o	56	92	8	1-1500	Sr	6	-	-	3
Falmouth ...	10067	-1	-	0	bfe	55	97	1	-	-	-	-	-	*	10062	+1	SW	1	fe	55	97	0	-	-	-	-	*	
†Calshot (Hants) ...	10077	0	ESE	1	o	62	97	8	Sr	10	-	-	-	2	10063	-1	WNW	3	bf	57	97	6	-	Nb	10	-	-	4
†Capel (Folkestone)	10090	-1	S	1	bv	61	82	8	-	-	-	As	3	3	10073	-1	E	2	v	60	82	8	4-5000	Sr.Cu	4	As	4	3
†Aberdeen ...	10021	0	S	2	b	52	92	7	3-4000	S.Cu	3	-	-	*	10036	+2	SSE	1	me	53	92	4	-	Sr.Cu	1	-	-	2
†East Fortune ...	10022	-2	S	3	bc	58	82	-	2-3000	S.Cu	5	-	-	*	10037	?	?	?	bc	53	92	6	2-3000	Sr.Cu	3	-	-	*
†Falmouth Hd. ...	10055	0	SSE	3	oz	57	97	5	1-2000	Sr	10	-	-	*	10069	+3	S	1	r.f	56	97	1	-	-	-	-	*	
†Felixstowe ...	10094	-1	SW	2	b	62	87	6	-	S.Cu	2	As	3	*	10081	-1	S	2	c	62	87	5	5-7000	Sr.Cu	4	As	2	5
†Cranwell (Lincs)	10068	0	S	2	b	57	97	5	2-3000	Sr	2	-	-	*	10075	+1	NW	1	o	57	97	4	2-3000	Sr	8	As	2	*
†Bedford ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10072	0	N	1	r.f	59	97	0	-	Sr	10	-	-	*
Benson ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10058	0	-	0	r.f	60	97	5	-	Nb	10	-	-	*
London (Kew Ob.)	10072	-1	SE	1	bc	62	*	*	*	*	*	*	*	*	10064	0	ENE	1	of	61	97	1	4-5000	Sr.Cu	10	-	-	*
STATIONS CONTRIBUTING REPORTS AT 7H AND 18H.																												
STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dirac. of Upper Cloud.	Weather.	Sea.	Rainfall.	TEMP.			WEATHER.			Sunshine Hours.						
	at M.S.L. m.b.	°F.	Dirac.	Force 0-12.		at M.S.L. m.b.	† Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dirac.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.								
18H. G.M.T. OF 2 <sup>nd</sup>										7H. G.M.T. OF 3 <sup>rd</sup>										24 HOURS ENDED 7H. 3 <sup>rd</sup>								
Lerwick ...	10008	54	S	1	omd	10019	0	53	-1	S	3	-	om	1	1	59	52	fe	omr	odm	*							
Stornoway ...	9955	52	S	3	cp	9987	+4	54	0	SW	4	-	o	3	1	60	52	oe	cep	p.c.o	4.5							
Castlebay (Barra) ...	9958	56	S	5	o	10008	+4	55	0	WSW	4	-	o	4	trace	58	54	ocom	omteo	op.o	3.0							
Glasgow ...	10012	61	S	3	oz	10048	+4	53	-3	S	2	SW	c	*	0.2	65	52	oebcc	becoz	odp-o.c	5.6							
Malin Head ...	9964	60	S	3	bc	10020	+1	53	-1	S	3	S	c	2	2	64	49	bc	bcp	bc	2.1							
Blacksod Point ...	9984	59	SW	3	bc	10018	+2	53	-5	SW	2	-	bc	3	2	63	52	bcp	bcp	bc.bcp	*							
Roche's Point ...	10038	61	SW	3	b	10060	+1	49	-8	NNW	1	-	f	1	0.2	64	46	cbe	bcb	b.f	*							
Birr Castle ...	10019	60	SW	2	c	10051	*	49	-4	S	1	S	c	*	1	66	48	c	cp	c	9.1							
Donaghadee ...	10011	60	SSW	3	cgm	10049	+2	52	-1	SW	1	-	bcm	1	1	66	48	bcm	bcmp	bcm	*							
Liverpool (Bidston) ...	10039	62	SE	2	c	10061	+2	54	-3	SE	1	S	bc	1	7	65	53	bc	c	c.bc	3.8							
Holyhead ...	10034	60	SSW	4	b	10055	+1	56	0	SW	3	-	ofe	1	trace	62	55	cf.bcf	b.bcf	b.omfe	6.4							
Pembroke (St. Ann's Head) ...	10057	60	SSW	2	c	10065	+1	56	-1	N	1	SW	bew	2	0.2	63	56	ebc	bcc	bc.w	6.7							
Scilly (St. Mary's) ...	10067	63	WSW	2	bc	10069	0	56	-1	WSW	1	-	b	3	-	67	55	om.b	bc	b.bc	5.8							
Jersey (St. Aubin) ...	10081	66	S	3	b	10042	-1	59	-3	N	3	-	orm	3	13	69	56	oco	ocopt	p.b.orm	5.2							
Portland Bill ...	10055	62	S	5	o	10056	-2	60	-1	E	1	-	ot	3	4	65	57	o	o	ar	*							
Dungeness ...	10090	65	SW	3	b	10062	-2	62	+1	SE	2	-	b	2	-	67	59	c	ebc	c.bc	*							
Wick ...	9987	55	SE	2	bcm	10004	+1	55	+2	SSW	3	-	b	2	-	57	52	cmom	ombem	bcm.b	*							
Nairn ...	9980	63	W	1	bc	10012	*	53	+1	-	0	-	bc	0	0.3	69	48	pebc	bc	bew	4.3							
Leith ...	10006	65	SW	2	bc	10038	+1	56	-1	SW	2	-	b	2	-	70	52	o.c.bc	c.bc	bc.aub	*							
Tynemouth ...	10028	64	W	2	cm	10054	+1	52	-5	SW	2	-	cm	2	0.2	66	52	omq.p	omp	cm	*							
Sparn Head ...	10043	64	S	4	c	10076	+1	58	+3	SSW	1	-	omr	2	5	65	55	c	c	c.omr	*							
Yarmouth (Gorleston) ...	10088	64	WSW	4	bc	10075	-1	61	-1	S	2	-	bc	3	-	67	59	bc	bc	bc	6.3							
Clacton-on-Sea ...	10089	64	S	4	bc	10072	0	62	+1	ESE	2	W	c	2	-	66	60	bez	bc	bc.c	6.3							
Nottingham ...	10053	65	S	3	o	10070	*	56	0	S	1	-	ome	*	4	68	54	co	cp.o	op.c	1.2							

† Air Ministry Station. \* Information for these columns not usually received. - The barometric change is expressed in half millibars. § Longside † at 1H.



# SUMMARY OF CONDITIONS AT 7 A.M. Wednesday, 3rd September, 1919.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Var. up to 10	v. mild	O'cast, light rain locally; misty.	var.	slight
2. E. England	S E to 5	"	Cloudy	ord.	slight
3. E. Midlands	N NE 2	mild	O'cast, light rain & mist locally	v. poor	
4. W. Midlands	Calm	"	Overcast	ord.	
5. S.W. England	SW under 5	Moderate	Variable cloud, mist locally	var.	slight
6. South Wales	N 2	"	Fair generally		smooth
7. North Wales	SW 5 10	"	Overcast; fog at Holyhead.	var.	v. smooth
8. N.W. England	SE SW 2 10	"	Fair to cloudy	good	" "
9. N. Midlands	S 2	r. mild	Overcast, misty		
10. N.E. England	S SW 2-5	Moderate	Cloudy to o'cast, rain & mist locally	v. poor	smooth
11. E. Scotland	S SW 2-10	"	Fair or fine, misty in north.	ord.	slight
12. S.W. Scotland	S SW <sup>up</sup> to 10	"	Cloudy to overcast	ord.	smooth
13. Isle of Man	S SW <sup>up</sup> to 10	"	Cloudy to overcast	ord.	smooth
14. N. & N.W. Scotland	SSW 10	"	Fair or fine, mist locally		slight
15. Hebrides	SW W 15	"	Overcast		moderate
16. Orkneys and Shetlands	S 5 10	"	Variable cloud, mist in Shetlands.	var.	smooth
17. N.W. Ireland	SW 5	"	Fair generally		slight
18. N.E. Ireland	S SW 2 10	"	Fair to cloudy, local mist	good	smooth
19. S.E. Ireland	S 2 5	"	Variable cloud	good	smooth
20. S.W. Ireland	Var. 2-10	"	Fair generally, fog at Roche's Point.	var.	smooth

## GENERAL INFERENCE from observations received up to 10 A.M.

A depression off the Hebrides is passing away northeastward and a temporary improvement is anticipated in the north. A shallow depression developing over the Channel and Northern France will spread northeastward and influence the Southern districts.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrow flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**  
 ○ clear sky. ○ sky & clouded.  
 ⊙ sky & clouded. ⊙ sky & clouded.  
 ⊕ overcast sky. ● rain falling.  
 \* snow. ▲ hail. = fog. = mist.  
 T thunder. T thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough High

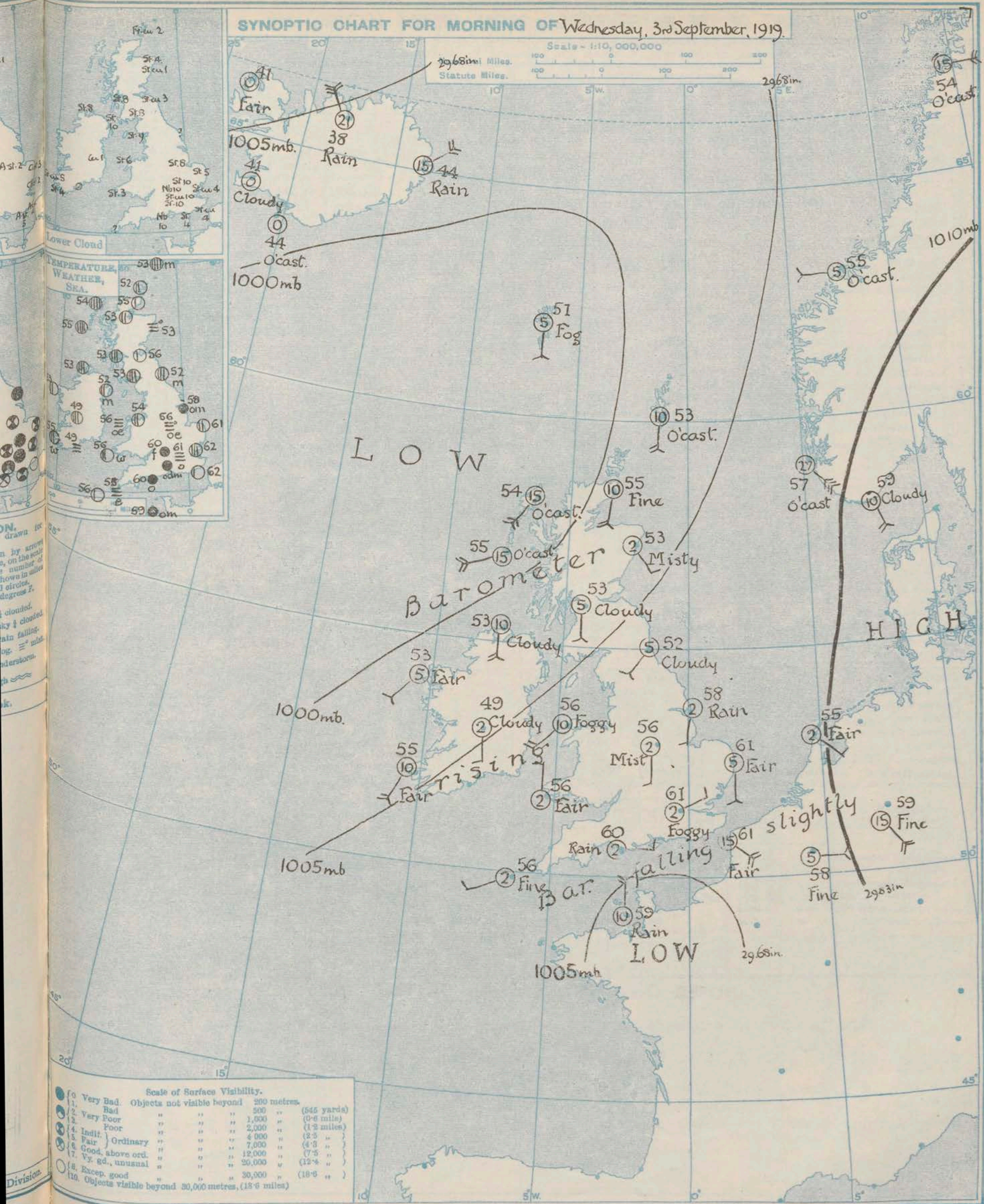
Districts.	Forecasts for the 24 hours commencing 3 p.m. Wednesday, 3rd September, 1919	Further Outlook.
1. S.E. England	Light to moderate easterly to variable breeze. Cloudy or dull, some rain or showers. Local mist or fog. Rather warm.	
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales		
7. North Wales	Light southwesterly or variable breeze. Fair or cloudy, local mist or fog. Rather warm.	Uncertain
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. E. Scotland		
12. S.W. Scotland		
13. Isle of Man	Light or moderate southerly or southwesterly breezes. Fair or cloudy, local showers. Rather warm.	
14. N. & N.W. Scotland		
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland	Same as districts 7 13	
20. S.W. Ireland		



SYNOPTIC CHART FOR MORNING OF Wednesday, 3rd September, 1919.

Scale = 1:10,000,000

2968 mi. Miles  
Statute Miles.



#### Scale of Surface Visibility.

1.	Very Bad.	Objects not visible beyond	300 metres.	
2.	Bad	"	500 "	(545 yards)
3.	Very Poor	"	1,000 "	(0.6 miles)
4.	Poor	"	2,000 "	(1.2 miles)
5.	Indist.	"	4,000 "	(2.5 "
6.	Fair	Ordinary	7,000 "	(4.3 "
7.	Good, above ord.	"	12,000 "	(7.5 "
8.	Yy. gd., unusual	"	20,000 "	(12.4 "
9.	Except. good	"	30,500 "	(18.5 "
10.	Objects visible beyond	30,000 metres, (18.5 miles)		



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 246 B. 3<sup>rd</sup> September

WEDNESDAY

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

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 ...	r.bc	ov	64	49	1	2	3.2	0.1	Douglas (I.O.M.)			61	55	7	-	6.8	-
Banff ...	c.bc	bc	68	51	0.3	-	3.3	2.7	Blackpool ...	or	bec	65	50	11	0.3	4.8	-
Montrose ...	obc	bc	62	54	2	-	2.5	-	Southport ...	r	c.bcb	66	49	7	9	4.5	-
St. Andrews ...	o	b	69	55	2	-	5.0	7.7									
England, N.E.									Midlands.								
Harrogate ...	obc	ocp	65	52	2	-	1.3	?	Buxton ...	rc.brc	bc.beb	62	42	4	4	0.7	-
Skegness ...	bc	bcb	67	55	-	-	3.6	2.9	Leamington Spa...	ocb	or	69	54	-	1.8	1.7	-
Scarborough ...			66	53	1	0.4	-	1.2	Malvern ...								
									Ross-on-Wye ...	r.d.o	op.or	68	56	1	7	0.1	0.1
England, E.									Wales.								
Felixstowe ...	bc	bc	66	57	-	-	7.6	5.9	Rhyl ...	p	bc	68	51	3	1	5.3	0.2
Walton-on-Naze...									Colwyn Bay ...			68	59	3	-	4.6	-
Southend-on-Sea...	c.wbc	bc.v	74	54	-	-	6.0	5.5	Llandudno ...	op	bc	66	58	12	0.2	4.3	-
									Aberystwyth ...	rac	b.bbc	66	59	-	3	6.0	-
England, S.E.									England, S.W.								
Margate ...	c	b	70	55	-	-	5.7	6.3	Weymouth ...	do	odoc	66	60	1	0.2	0.1	6.6
Ramsgate ...	bc	bc	67	55	-	-	5.4	7.0	Teignmouth ...	ort	cpbc	67	55	0.3	1	0.5	4.5
Folkestone ...	coc.v	bcbby	67	58	-	-	5.5	9.2	Torquay ...	op	opc	64	59	0.4	3	0.5	4.7
Hastings ...	bc.b	b	67	59	-	-	3.7	10.3	Paignton ...	orpbc	bc	66	59	0.2	2	0.6	5.1
Eastbourne ...	bc.b	bc	68	56	-	-	6.9	9.7	Penzance ...	corbc	bc	69	59	9	-	3.6	3.2
Brighton ...	oc	ocbc	65	60	-	-	2.6	8.7	Newquay ...			65	58	7	-	4.5	2.9
Worthing ...	o	obc	67	58	-	-	1.0	9.0	Bude ...								
Littlehampton ...	*	*	69	60	-	-	2.1	8.7	Ilfracombe ...	opc	co	64	58	4	1	3.8	1.4
Bournemouth ...	*	*	63	58	-	-	0.3	9.5	Weston-s-Mare ...	cr.bc	rc	67	57	-	1	0.2	0.8
Tunbridge Wells ...	o	bc	68	51	-	-	2.9	?									

## 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-19h.	19h-7h.				Day. 7h-18h.	Night. 18h-7h.	
†Houton Bay (Orkney)...	b.b.c.v	r.p	c.o	cq	58	49	*	*	*	*
Eskdalemuir ...	ormac	becbc	o	orm.om	63	52	51	4	4	4.9
†Stranraer ...	b.b.c	p.bcc	b.b.c	oc	65	42	*	*	*	*
†Lough Foyle ...	p	r.q		?	63	51	*	*	*	*
Valencia (Cahirveen) ...	bccp	bcp		a.b.bcar	63	50	42	-	-	8.7
†Anglesey (Llangefni) ...	o	c.o	b.b.c	o	63	55	*	*	*	*
Falmouth ...	oc	c.o	bwfe	fe	68	55	55	1	-	1.0
†Calshot (Hants) ...	pa	r.	b.o	b.op	69	52	*	*	*	*
†Capel (Folkestone) ...	c.v	b.b.c.v	b.b.c.v	v.b.c.c	64	52	*	*	*	*
Aberdeen ...	ofec	bcz	bcfew		64	51	43	-	-	3.2
†East Fortune ...	co	bcc	b.b.c	bc.ca	69	51	*	*	*	*
†Framboro' H.A. ...	d.v	cp	op	offpa	63	53	*	*	*	*
†Felixstowe ...	b.b.c	bccz	bcc	bc.c3	68	56	*	*	*	*
†Cranwell (Lincs) ...	c	p.	p.b.bcc	bc.c.p.	68	53	*	*	*	*
†Bedford ...	omq	coq		of.r.	68	53	*	*	*	*
Benson ...	o	o	or		67	58	52	-	10	*
London (Kew Obsy.) ...	c.b.bcc	c.o.c	bc.or.of		68	58	51	-	7	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.  
 h hail.  
 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.

## THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
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	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.6
12	Above 75	33.6 or above

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity. 0=slight, 1=heavy. Underlining is used to express continuity.

## SYMBOLS—

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

## LONDON OBSERVATIONS.

OBSERVATIONS.	WEATHER.			TEMPERATURE.				WIND.		MOON.		HOURS.		G. M. T.		G. M.	
	Morning.	Afternoon.	Night.	1.	2.	3.	mm.	Direction.	Force.	Time.	Time.	YESTERDAY.	TO-DAY.				
24 HOURS ENDED 9h G.M.T. 3 <sup>rd</sup> ....																	
Greenwich (Royal Observatory)	o	o	o. d. o. op	70	59	53	0.3					2.3	70	82			
City (Bunhill Row) ... ..	*	*	*	69	61	55	2					2.4	72	79			
Westminster (St. James's Park)	*	*	*	69	61	55	2					2.7	83	88			
Admiralty Arch ... ..	c	bc. o. c	cpl. op of	69	56	55	2					1.5	73	87			
Camden Sq. (British Rainfall)	c. o	bc. o	*	70	60	55	4					*	79 (18)	94			
Kensington Palace ... ..	o	c. bc	*	68	59	54	6					*					

## SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.	86.3 Joules.
Average Rate.	17.8 Milliwatts.
Maximum Rate.	64.

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

Stations.	3 <sup>rd</sup> Sept. 1919.		
	G.M.T.	G.M.T.	G.M.T.
Yarmouth...	5.8	11.52	6.37
Greenwich	5.9	11.52	6.35
Wick	5.17	12.11	7.6
Valencia	5.57	12.40	7.22

## NOTES ON THE WEATHER OF YESTERDAY.

The weather was unsettled in all districts. 18mm of rain fell at Leamington during the day, 10mm fell at Benson during the night. Sunshine amounts were variable. 9.1 hrs were measured at Birr Castle, elsewhere amounts were under 7 hours. Temperature reached 70° at a few stations in the south of England and at Leith.

† Air Ministry Station.

\* Information for these columns not usually received.





METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.

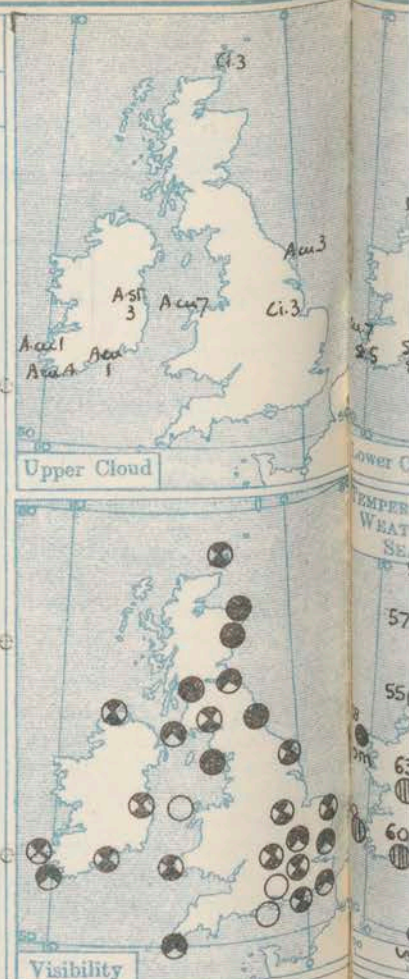
No. 21,105.B THURSDAY, 4<sup>TH</sup> SEPTEMBER, 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																													
STATIONS.	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. m.b.	Change in 3 hours.	Dir.	Force 0-12.		°F.	% 0-10.	0-10.	Feet.	Form.	Amt. 0-10.	0-9.	at M.S.L. m.b.	Change in 3 hours.	Dir.	Force 0-12.		°F.	% 0-10.	0-10.	Feet.	Form.	Amt. 0-10.	0-9.					
13H. G.M.T. OF 3 <sup>RD</sup>															18H. G.M.T. OF 3 <sup>RD</sup>														
Houston B. (Orkney)	1002.6	+3	SW	2	bc	60	65	6	3-4000	S. Cu	5	-	2	1006.0	+2	S	2	bc	56	75	7	4-5000	Sr	3	F. Cu	2	1		
Eskdalemuir	1006.9	0	SW	3	bc	62	65	8	4-5000	Cu	5	Ci. S	1	1007.7	+1	S	1	b	61	65	8	-	Sr	1	-	-	*		
Stranraer	1007.0	+3	SE	2	c	59	92	5	5-1000	S. Cu	7	-	3	1007.4	0	SE	5	cf	53	97	0	-	-	-	-	-	*		
Lough Foyle	1005.8	+1	SSW	4	c	60	82	6	4-5000	Cu	6	Ci	2	1005.5	+1	SSW	3	o	60	82	7	3-4000	S. Cu	7	-	-	2		
Valencia (Cahire'n)	1003.4	-2	S	6	c	65	65	10	2-3000	Cu	5	Ci. C	2	1000.9	-3	SSW	6	bc	61	75	10	2-3000	Cu	3	A. Cu	1	5		
Anglesey (Llangefni)	1006.5	-0	S	2	c	65	65	8	2-3000	F. Cu	6	Ci	1	1006.6	+1	E	1	c	61	82	7	2-3000	Cu	5	A. Sr	2	3		
Falmouth	1007.2	+1	ESE	1	om	62	87	4	-	C. Nb	9	-	-	1008.0	+2	-	0	cg	62	82	6	-	M. Cu	7	-	-	*		
Calshot (Hants)	1005.4	-1	E	1	o	64	87	8	1 1/2-2000	S. Cu	2	A. Sr	8	1006.2	+1	-	0	d	62	92	5	5-1000	Nb.	4	A. Sr	6	3		
Capel (Folkestone)	1006.2	-2	SE	1	o	68	65	5	-	-	-	-	3	1007.7	+4	SSW	2	om	61	87	3	2-3000	Sr	10	-	-	2		
Aberdeen	1005.5	+2	S	4	b. zy	66	85	6	-	Cu	2	-	-	1008.2	+4	S	2	b. z	59	65	6	-	-	-	Ci	1	3		
East Fortune	1006.5	+2	SW	2	bc	68	65	6	3-4000	Cu	4	-	-	1007.4	+1	-	0	bc	60	82	5	2-3000	S. Cu	2	Ci	1	*		
Flamboro' Hd.	1007.8	+1	-	0	c. o	60	87	4	2-3000	Nb	8	A. Sr	2	1008.1	+1	ESE	4	om	59	92	4	2-3000	Sr	7	A. Sr	3	*		
Felixstowe	1007.3	-1	SE	2	d. o	63	92	4	7-9000	S. Cu	4	A. Cu	6	1008.5	+2	ESE	2	o	63	87	6	4-5000	Sr	10	-	-	2		
Cranwell (Lincs)	1008.1	+1	-	0	em	59	97	4	1 1/2-2000	Sr	10	-	-	1007.5	0	ESE	1	o	61	97	6	1 1/2-2000	Sr	8	A. Sr	2	*		
Bedford	1006.4	-1	NNE	3	om	66	75	3	4-5000	Sr	10	-	-	1006.6	+1	NE	2	om	62	75	3	2-3000	Sr	10	-	-	*		
Benson	1005.9	-2	NNE	1	om	60	92	5	-	-	-	-	-	1006.9	0	N	1	o	61	92	3	-	Nb.	10	-	-	*		
London (Kew Obs.)	1005.6	-1	SE	1	o	70	65	7	-	S. Cu	4	A. Sr	6	1006.9	+2	S	1	o	67	75	7	-	S. Cu	1	A. Sr	9	*		
1H. G.M.T. OF 4 <sup>TH</sup>															7H. G.M.T. OF 4 <sup>TH</sup>														
Houston B. (Orkney)	1009.8	+2	NE	2	bc	50	92	6	4-5000	Sr	5	-	-	1009.0	-1	ESE	2	f	50	97	5	1-1000	Cu. Nb	2	Ci	3	3		
Eskdalemuir	1007.9	-1	NE	1	oz	55	92	6	-	Sr	10	-	-	1006.6	-1	-	0	omw	56	92	4	-	Sr	10	-	-	*		
Stranraer	1006.4	-1	-	0	c	50	92	3	2-3000	Sr	8	-	-	1004.0	-1	SE	3	f	57	97	2	1-1000	Sr	8	-	-	*		
Lough Foyle	994.0	-6	SSW	7	or	60	*	*	*	*	*	*	*	998.0	-5	SE	5	r. q	53	97	5	1 1/2-2000	Nb	10	-	-	4		
Valencia (Cahire'n)	994.0	-6	SSW	7	or	60	*	*	*	*	*	*	*	994.8	+3	S	9	c	60	92	6	1 1/2-2000	Cu.	7	A. Cu	1	3		
Anglesey (Llangefni)	1007.1	0	-	0	o	56	97	-	1-1500	Sr	10	-	-	1004.7	-2	SSW	1	ov	57	75	8	4-5000	Sr	2	A. Cu	7	4		
Falmouth	1008.0	-2	S	2	bw	57	92	6	-	Cu	1	-	-	1005.5	-3	S	5	odm	60	97	3	-	Nb.	10	-	-	*		
Calshot (Hants)	1008.6	+4	W	2	o	60	97	7	5-1000	Sr	10	-	-	1011.1	+4	SSW	2	o	61	92	8	1-1500	Sr	10	-	-	4		
Capel (Folkestone)	1008.6	+1	SSW	2	ov	60	97	8	5-1000	Sr	10	-	-	1011.6	+4	WSW	4	me	58	97	2	1-1000	Sr	10	-	-	4		
Aberdeen	1009.7	+3	SSW	2	bw	49	97	6	1-1500	Sr	2	-	-	1009.0	-1	-	0	fe	54	97	0	-	-	-	-	-	2		
East Fortune	1008.5	0	-	0	bc	57	92	-	2-3000	Sr	4	-	-	1006.2	-2	E	2	o	53	92	3	1 1/2-2000	Sr. Cu	10	-	-	*		
Flamboro' Hd.	1008.2	-1	-	0	om	56	97	4	2-3000	Sr	10	-	-	1008.0	0	-	0	om	59	92	4	4-5000	Sr. Cu	7	A. Cu	3	*		
Felixstowe	1008.9	+2	-	0	o	61	92	4	3-4000	S. Cu	10	-	-	1010.1	+2	WNW	2	om	61	92	2	1-1500	Sr	9	-	-	3		
Cranwell (Lincs)	1008.2	0	-	0	o	57	97	4	1 1/2-2000	Sr	10	-	-	1006.3	+1	-	0	2	59	97	4	2-3000	Sr	5	Ci	3	*		
Bedford	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.2	+1	SW	2	of	59	*	3	1 1/2-2000	Sr	7	-	-	*		
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.2	+4	SW	2	bc	56	97	5	-	Cu	5	-	-	*		
London (Kew Obs.)	1007.7	+1	-	0	od	62	*	*	*	*	*	*	*	1010.2	+3	SW	2	om	59	87	5	-	Sr. Cu	10	-	-	*		
STATIONS CONTRIBUTING REPORTS AT 7H AND 13H.																													
STATIONS.	BAROM.	TEMP.	WIND.		WEATHER.	BAROMETER.		TEMPERATURE.		WIND.		Dir.	Force 0-12.	Weather.	Sea.	Rainfall.	TEMP.		WEATHER.			Sunshine.							
	at M.S.L. m.b.	°F.	Dir.	Force 0-12.		at M.S.L. m.b.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.						Max. °F.	Min. °F.	Morning.	Afternoon.	Night.		Hours.						
13H. G.M.T. OF 3 <sup>RD</sup>															7H. G.M.T. OF 4 <sup>TH</sup>														
Lerwick	1009.4	58	WSW	3	bc	1011.0	0	55	+2	SSW	2	-	bcu	1	-	58	49	cm	bc	bcu	bcu	6.1							
Stornoway	1004.9	57	SW	3	bc	1004.7	-4	54	0	S	2	-	bc	1	1	61	54	c	bc	c. bc	c. bc	8.5							
Castlebay (Barra Is)	1005.9	56	SE	3	c	1001.1	-3	57	+2	E	4	-	o	4	-	58	55	obc	obc	o. bc. o	o. bc. o	9.0							
Glasgow	1007.4	62	-	0	bcz	1005.9	-1	53	0	NE	3	-	ogm	*	-	65	49	abcc	bc. bz	bc. bz	bc. bz	6.3							
Malin Head	1004.6	60	E	3	bc	996.2	-4	55	+2	SE	5	SE	og	3	-	64	53	bc	bc	bc	bc	*							
Blacksod Point	1000.7	61	SSW	2	bcv	991.8	-5	58	+5	SE	5	-	omr	4	9	63	53	bcv	bcv	bcv. op	bcv. op	*							
Roche's Point	1005.6	61	SE	2	b	997.9	0	60	+11	S	2	SW	o	4	5	64	49	f. bbc	bcv	od. rm	od. rm	*							
Birr Castle	1004.8	59	S	2	c	995.8	*	63	+14	S	3	-	c	*	2	66	48	c	c	cp. c	cp. c	8.4							
Donaghadee	1007.6	58	SSW	2	bc	1004.0	-3	56	+4	SSW	3	SE	bcu	3	trace	60	50	bcu	bcv	bcu	bcu	*							
Liverpool (Bidston)	1007.1	63	SE	1	o	1006.2	-1	58	+4	SE	2	-	bm	1	-	66	54	om	om	c. bm	c. bm	1.9							
Holyhead	1007.0	61	NE	2	b	1003.8	-2	57	+1	SE	4	SW	bcgv	3	trace	63	53	of. bc. b	bc. b	bc. b	bc. b	7.2							
Pembroke (St. Ann's Head)	1007.5	61	W	1	b	1003.6	-4	60	+4	SSW	5	-	og	4	-	63	55	bcv	bcv	bc. o	bc. o	10.3							
Scilly (St. Mary's)	1008.1	62	S	2	bcv	1003.4	-1	63	+7	S	5	SW	opm	5	1	65	54	bcv	bcv	cp. opm	cp. opm	10.4							
Jersey (St. Aubin)	1008.2	60	W	3	og	1011.4	0	61	+2	S	4	-	og	4	18	61	57	omr	omr	ogv. og	ogv. og	0.0							
Portland Bill	1006.2	59	WNW	3	or. m	1008.9	+1	61	+1	S	4	-	o	4	10	61	56	or	or	bc. c	bc. c	*							
Dunagness	1007.5	62	S	2	r	1011.0	+4	61	-1	WSW	4	-	c	4	1	67	59	b. bc	czor	r. c. cz	r. c. cz	*							
Wick	1006.8	59	SW	2	bc	1007.7	-1	54	-1	SE	3	-	cm	3	-	63	44	bc	bc	bc.									



# SUMMARY OF CONDITIONS AT 7 A.M. Thursday, 4th September, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW WSW 5-15	v.mild	Fair to cloudy, mist	var.	Moderate
2. E. England	WSW WNW 5	"	Variable cloud; locally misty	v.poor	slight
3. E. Midlands	Calm	"	Fair generally, hazy	ord.	
4. W. Midlands	SW 5	mild	Fair generally	ord.	
5. S.W. England	S SW 20	v.mild	O'cast; mist & drizzle	v.poor	r.rough
6. South Wales	SSE 20	mild	Overcast	ord.	Moderate
7. North Wales	SE SSE 5 15	r.mild	Fair generally	ex.good	"
8. N.W. England	SE E 5 10	" "	Variable cloud; local mist	v.poor	slight
9. N. Midlands	SW 2	mild	Fine; misty		
10. N.E. England	S SW under 5	"	Cloudy to o'cast; local mist & fog	v.poor	smooth
11. E. Scotland	E up to 5	Moderate	Cloudy to o'cast; misty	bad	slight
12. S.W. Scotland	SE ENE up to 15	r.mild	O'cast; mist & fog locally	"	Moderate
13. Isle of Man	SE 5 10	"	Fair generally		slight
14. N. & N.W. Scotland	SE 10	Moderate	Cloudy; local mist		slight
15. Hebrides	S E 5 15	"	Variable cloud		slight
16. Orkneys and Shetlands	SSE ENE 5	"	Fair generally, misty	ord.	smooth
17. N.W. Ireland	SE 20	R.Moderate	Overcast, mist & rain		Moderate
18. N.E. Ireland	SE 10 25	Moderate	Var.cloud, rain & squalls in north	ord.	"
19. S.E. Ireland	S E 10 20	v.mild	Cloudy to o'cast, light rain locally	ord.	slight
20. S.W. Ireland	S 10 20	mild	Cloudy to overcast	ord.	Moderate



**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**  
 ○ clear sky. ○ sky & clouded.  
 ○ sky & clouded. ○ sky & clouded.  
 ○ overcast sky. ● rain falling.  
 \* snow. ▲ hail. = fog. = mist.  
 T thunder. E thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough High

GENERAL INFERENCE from observations received up to 10 a.m.

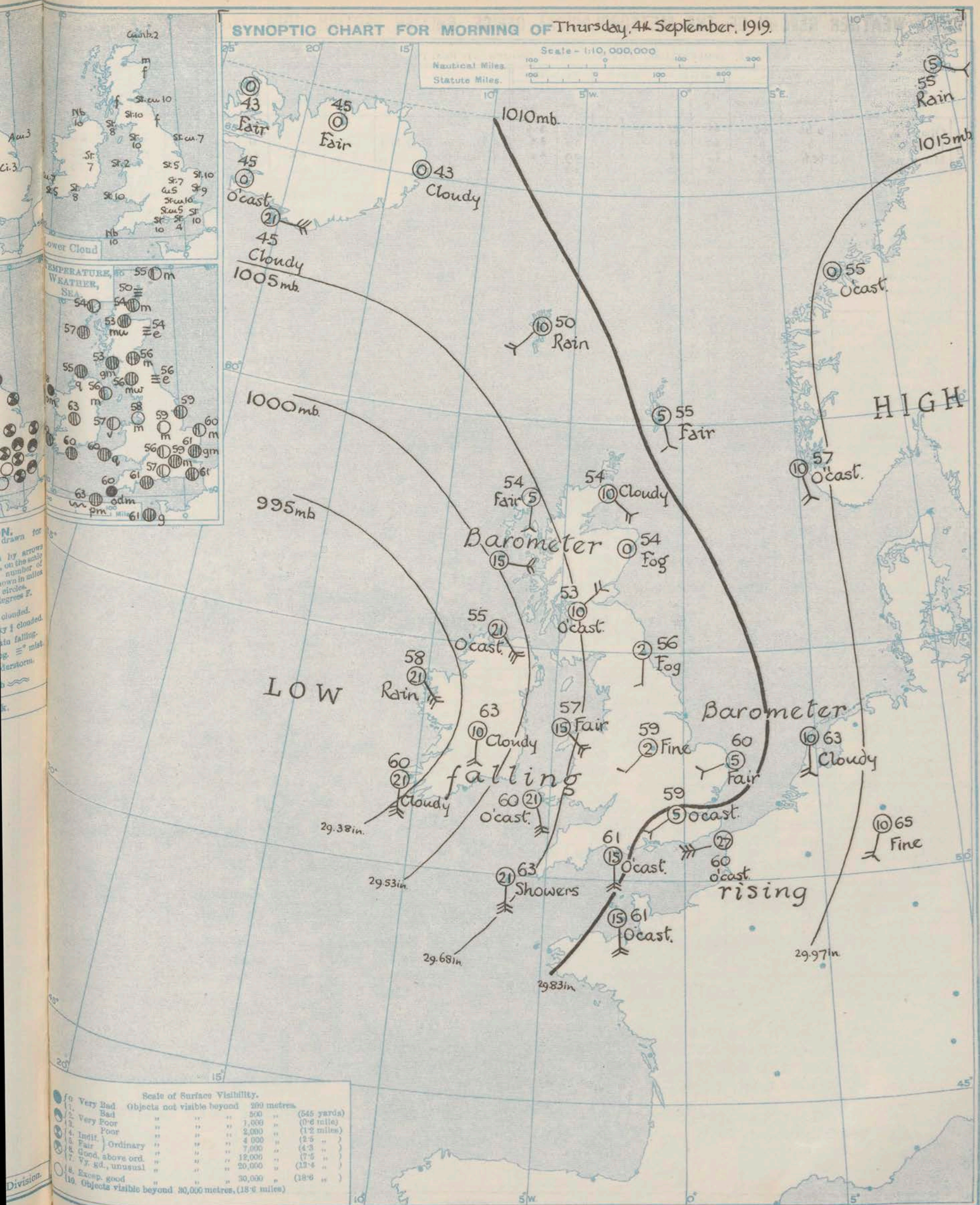
A depression off the west of Ireland is moving northeast.  
 Strong winds and unsettled weather will therefore become general.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Thursday, 4th September, 1919	Further Outlook.
1. S.E. England	Wind between S and SW increasing to fresh or strong, veering later. Fair becoming cloudy to dull with rain or showers perhaps thunder. Warm today, cooler tomorrow.	
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England	Fresh or strong southerly winds veering to west. Cloudy or dull with some rain, perhaps thunder. Warm becoming cooler	
6. South Wales		
7. North Wales		
8. N.W. England		
9. N. Midlands	Moderate winds from between S and SE becoming fresh or strong from between S and SW. Cloudy to dull with some rain. Moderate temperature.	Unsettled.
10. N.E. England		
11. E. Scotland		
12. S.W. Scotland		
13. Isle of Man	Strong to high southerly winds veering to W or NW. Cloudy to dull with some rain. Squally, moderate temperature.	
14. N. & N.W. Scotland		
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		



# SYNOPTIC CHART FOR MORNING OF Thursday, 4th September, 1919.

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





# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 247 B

Thursday  
4th September

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 3 <sup>rd</sup>																			
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-19h. 2 <sup>nd</sup> .	Day. 9h-17h. 3 <sup>rd</sup> .	to 17h. 3 <sup>rd</sup> .	Sunrise to Sunset. 2 <sup>nd</sup> .			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-19h. 2 <sup>nd</sup> .	Day. 9h-17h. 3 <sup>rd</sup> .	to 17h. 3 <sup>rd</sup> .	Sunrise to Sunset. 2 <sup>nd</sup> .
Scotland.	Oban ... ..	o.b.c	b.c	64	55	1	-	77	3.4	England, N.W.	Douglas (I.O.M.)			61	51	-	-	10.8	6.6
	Banff ... ..	b	b	69	51	-	-	9.5	3.5		Blackpool ... ..	c	c.z	64	50	-	-	3.2	5.5
	Montrose ... ..	b.c.b	b.b.c	66	48	-	-	9.9	4.0		Southport ... ..	o.c.o	o.c.o	61	50	-	-	5.6	5.5
	St. Andrews ... ..	b	b	68	52	-	-	10.4	6.3										
England, N.E.	Harrogate ... ..	c	c.o	63	52	0.2	-	1.0	1.3	Midlands.	Buxton ... ..	b.c.r	c.b.c	62	49	-	0.2	0.7	1.0
	Skegness ... ..	or	o.p.o	63	57	3	1	0.6	3.9		Leamington Spa... ..	or	or	62	55	5	4	-	1.7
	Scarboro' ... ..			66	52	-	0.2	0.7	0.6		Malvern ... ..			64	51	2	0.3	0.3	0.1
											Ross-on-Wye ... ..	feomp	om	64	51	2	0.3	0.3	0.1
England, E.	Felixstowe ... ..	b.c	c.m	67	59	-	-	2.0	7.6	Wales.	Rhyl ... ..	c.b.c	b.c	64	53	-	-	3.6	5.5
	Walton-on-Naze... ..										Colwyn Bay ... ..			62	56	-	-	4.0	5.3
	Southend-on-Sea... ..	o.c.o	o.p.m	69	59	-	-	1.8	6.0		Llandudno ... ..	c.b	c.b	63	53	-	-	5.5	5.8
											Aberystwyth ... ..	roc	b.c.c	62	59	0.1	-	2.5	6.0
England, S.E.	Margate ... ..	c	o	69	60	-	-	1.3	6.6	England, S.W.	Weymouth ... ..	r	r	61	57	5	5	-	0.2
	Ramsgate ... ..	b.c	b.c	66	59	-	-	1.1	6.4		Teignmouth ... ..	or	o.r.o	64	55	-	1	-	1.0
	Folkestone ... ..	c.o.b.c.c	o.d.r	70	65	-	-	1.6	6.3		Torquay ... ..	or	o.r.o	62	56	0.2	3	-	0.9
	Hastings ... ..	o.b.c	o	68	60	0.3	-	0.6	4.7		Paignton ... ..	or	o	63	55	-	1	-	1.0
	Eastbourne ... ..	o.c.o	o	65	63	-	-	1.5	7.2		Penzance ... ..	b.c	b	68	56	-	-	6.6	3.9
	Brighton ... ..	o	o	68	61	0.3	-	1.6	2.9		Newquay ... ..	c.b	b	63	54	0.1	-	6.7	4.5
	Worthing ... ..	c	c.o	67	62	1	-	0.8	1.3		Bude ... ..	w.b.c	b	67	52	-	-	7.1	3.4
	Littlehampton ... ..	o	o	69	61	-	-	0.6	2.1		Ilfracombe ... ..	o	o.c.b.c	64	57	-	-	1.2	3.4
	Bournemouth ... ..			60	57	8	1	-	0.4		Weston-s-Mare ... ..	o.c	roc	63	54	0.2	0.2	-	0.2
	Tunbridge Wells ... ..	o	o	70	53	-	-	0.3	2.9										

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.			THE BEAUFORT SCALE OF WIND FORCE.		
STATIONS.		WEATHER				Max. Temp. °F.		Min. Temp. °F.		Rainfall.		Sun. Hours.	No.	Limits of Velocity.	
		7h-13h 3rd.	13h-18h 3rd.	18h-24h 3rd.	1h-7h 4th.	°F.	°F.	°F.	°F.	Day. 7h-18h.	Night. 18h-7h.			Statute miles per hour.	Metres per second.
†Houton Bay (Orkney)...	b.b.c.q	b.c.c.q	b.b.c	r.v.	65	49	*	*	*	*	*	9.5	0	Less than 1	Less than 0.3
Eskdalemuir ...	c.b.c	b.c.b.y.b	b.c.o.z	o.m.w	65	46	41	-	-	-	-		1	1-3	0.3-1.5
†Stranraer ...	b.c.c	c.o.z	b.c.c.e	c.3	65	41	*	*	*	*	*		2	4-7	1.8-3.3
†Lough Foyle ...	b.c.c	c.o	c.o.q	c.o.q	64	51	*	*	*	*	*		3	8-12	3.4-5.4
Valencia (Cahirciveen) ...	b.c.c	c.b.c	c.r.o.c		65	54	56	-	-	3.6		10.4	4	13-18	5.5-7.0
†Anglesey (Llangefni) ...	c.b.c.c	c.o	c.o	b.b.c.c	64	52	48	*	*	*	*		5	19-24	8.0-10.7
Falmouth ...	fe	arc	c.b.c.w	b.c.c.or	63	54	48	6	2	2.0			6	25-31	10.8-13.8
†Calshot (Hants) ...	r.	d.o	b.o.p	b.o	69	56	*	*	*	*	*		7	32-38	13.9-17.1
†Capel (Folkestone)...	r.	r.o.m.	o.p	o.f.	69	56	*	*	*	*	*		8	39-46	17.2-20.7
Aberdeen ...	em.	b.z	b.few		64	46	40	-	-	10.3			9	47-54	20.8-24.4
†East Fortune ...	b.b.c	b.b.c	b.b.c	o.m.e	64	52	*	*	*	*	*		10	55-63	24.5-28.5
†Flamboro' ...	o.f.p.d	c.o.z	c.m.p.d	c.w	65	53	*	*	*	*	*		11	64-75	28.5-33.5
†Felixstowe ...	c.o	c.p	c	o.m.p.d	64	54	*	*	*	*	*		12	Above 75	33.6 or above
†Cranwell (Lines) ...	c.p	c.p	p.d	o.w	61	55	*	*	*	*	*				
†Bedford ...	o.m.p.d	o.m.p.d	o.m.p.d	o.m.p.d	64	54	*	*	*	*	*				
Benson ...	r.o	or			61	55	44	9	3	*	*				
London (Kew Obs.) ...	o.f.p.o	o.c.o	c.o.r.o		73	58	55	-	-	1	0.6				

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.		Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
	24 HOURS ENDED 9h G.M.T. 4 <sup>th</sup> .....								YESTERDAY.	TO-DAY.					
Greenwich (Royal Observatory)	0	0	od	74	59	57	1	1.2	55	71	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Yarmouth... { 5.9 5.11	11.52 11.52	6.35 6.32	
City (Bunhill Row) ... ..	*	*	*	72	59	56	0.4		54	67					Total ..... 6.37 ..... Joules.
Westminster (St. James's Park)	*	*	*	72	59	56	0.1	0.1	69	72	Average Rate. 13.2	Wick ... { 5.19 5.21	12.11 12.11	7.3 7.0	
" (Admiralty Arch)	of u.c.m	c.o.p	od. a.c.b.c	74	59	58	1	0.2	61	73					Maximum Rate. 53
Camden Sq. (British Rainfall)	c.o	c.b.c	*	74	59	58	1		65 (64)	74					
Kensington Palace ... ..	c	0	*	72	59	58	1	*							

## NOTES ON THE WEATHER OF YESTERDAY.

Much cloud and some rain accompanied the shallow depression in the south and southeast of England. 18mm of rain were measured at Jersey. In Scotland and Ireland the day was brighter 11 hrs of sunshine were recorded at Nairn and more than 10hrs of sunshine at Aberdeen, Valencia, Pembroke and Scilly.

Temperature reached 74°F at Greenwich and was over 65°F at most stations in the Kingdom

† Air Ministry Station.

\* Information for these columns not usually received.





METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.

No. 21,106 B ... Friday, 5<sup>th</sup> September ... 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																												
STATIONS.	Barom.	Change	WIND.		Weather.	TEMP.	Humidity.	Visibility.	Height	Low Cloud.		Upper Cloud.		Sea.	Barom.	Change	WIND.		Weather.	TEMP.	Humidity.	Visibility.	Height	Low Cloud.		Upper Cloud.		Sea.
	at	in 3	Dir.	Force		°F.	%	0-10.	Feet.	Form.	Amt.	Form.	Amt.		M.S.L.	in 3	Dir.	Force		°F.	%	0-10.	Feet.	Form.	Amt.	Form.	Amt.	
	M.S.L.	hours.		0-12.								0-10.			0-10.	0-9.	m.b.	hours.			0-12.							
13H. G.M.T. OF ...													18H. G.M.T. OF ...															
Houton B. (Orkney)	1006.8	-2	E	5	of	54	97	3	1-1500	S.Cu	8	A.Sr	2	4	1005.5	0	ESE	5	rf	53	97	2	1-1500	Sr	10	-	-	5
Eskdalemuir	1003.9	-2	SSE	4	om	63	75	5	3-4000	Sr	10	-	-	*	1005.5	+1	SW	5	o	62	75	5	1-2000	Sr	9	-	-	*
Stranraer	1002.2	-2	SE	4	rf	57	97	1	1-1500	Nb.	10	-	-	*	1003.6	+3	S	2	b	61	97	4	3-4000	Sr	1	Ci	2	*
Lough Foyle	997.6	+1	SSE	5	o	57	97	6	2-3000	Cu	8	-	-	5	999.9	+1	S	4	rf	64	92	6	1-1500	C.Nb.	8	-	-	4
Valencia (Cahire'n)	998.0	+2	S	5	bc	67	75	6	2-3000	Cu	4	-	-	4	998.4	0	S	6	bc	63	82	7	2-3000	Cu	4	A.Cu	2	5
Anglesey (Llangefni)	1003.8	+1	SSW	5	c	65	92	7	2-3000	Cu	7	Ci.C.	1	4	1005.8	+3	SSW	3	b	64	87	6	1-1500	Cu	2	Ci.S.	2	4
Falmouth	1007.5	+3	SW	3	or	63	92	4	-	Nb.	10	-	-	*	1008.6	+1	SSW	3	om	62	92	5	-	Sr	10	-	-	*
Calshot (Hants)	1012.0	0	SW	5	o	64	92	6	1-1500	Sr	10	-	-	4	1013.1	+1	S	5	o	64	87	8	3-4000	Sr	6	A.Sr	4	5
Capel (Folkestone)	1014.7	+1	SSW	5	CV	61	87	8	1-1500	Sr	7	A.Sr	1	5	1016.4	+2	SW	5	cm	60	97	6	1-1000	Sr	10	-	-	4
7H. G.M.T. OF ...													7H. G.M.T. OF ...															
Houton B. (Orkney)	1005.3	0	SE	2	o	53	92	1	1-1500	?	?	-	-	2	1005.3	0	SE	1	bc	53	92	5	4-5000	Cu	6	Faci	2	2
Eskdalemuir	1004.3	0	S	4	o	58	92	6	-	Sr	9	-	-	*	1008.6	0	SSE	4	o	57	92	6	1-2000	Nb	9	A.Cu	1	*
Stranraer	1005.9	0	S	3	bc	58	97	8	2-3000	Sr	5	-	-	*	1005.9	+1	S	5	o	59	97	3	1-1000	Sr	10	-	-	*
Lough Foyle	999.2	-3	SSE	5	bc	60	*	*	*	*	*	*	*	6	1000.0	-1	S	7	c	60	87	0	3-4000	Sr	8	-	-	4
Valencia (Cahire'n)	999.2	-3	SSE	5	bc	60	*	*	*	*	*	*	*	6	1000.5	+2	S	6	or	60	92	6	1-1500	Sr	10	-	-	4
Anglesey (Llangefni)	1007.8	+1	SSW	4	c	61	87	-	1-1500	Sr	8	-	-	3	1008.1	+2	SSW	5	o	61	92	6	1-1000	Sr	1	Ci	2	4
Falmouth	1011.1	+2	SSW	4	o	61	92	5	-	Sr	10	-	-	*	1012.4	+3	SSW	4	ome	60	92	5	-	Nb.	9	A.Cu	1	*
Calshot (Hants)	1015.9	+1	S	4	o	66	87	7	1-1500	Sr	10	-	-	4	1015.9	5	2	o	65	87	7	1-1500	SE	10	-	-	4	
Capel (Folkestone)	1018.1	+2	WSW	4	bcv	61	92	8	3-4000	S.Cu	5	-	-	4	1018.9	+2	SW	3	2	61	92	8	-	Sr	2	A.Cu	1	4
Aberdeen	1006.6	+2	S	3	bw	51	97	8	-	-	-	-	-	*	1007.8	+1	S	2	me	57	92	4	-	Sr	4	-	-	2
East Fortune	1007.6	+4	S	3	b	60	82	-	-	-	-	-	-	*	1008.2	+2	NE	3	c	58	82	5	1-2000	Sr	5	A.Cu	2	*
Flamborough Hd.	1013.0	+2	S	4	o	61	92	7	1-1000	Sr	8	A.Sr	1	*	1013.8	+2	S	6	ou	61	87	7	1-1000	Sr	10	-	-	*
Felixstowe	1017.2	+1	SW	4	o	63	87	-	2-3000	Sr	10	-	-	4	1018.5	+2	WSW	3	c	64	75	5	4-5000	Sr	5	A.Cu	3	4
Cranwell (Lincs)	1012.9	+1	S	3	o	64	92	5	2-3000	Sr	7	A.Sr	3	*	1014.0	+2	SSW	1	r	62	97	6	1-2000	Cu	10	-	-	*
Bedford	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.0	*	SSW	5	r	65	*	2	5-7000	St	10	-	-	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1014.4	+3	S	4	o	63	87	5	-	Cu	10	-	-	*
London	1015.3	+1	S	1	o	66	*	*	*	*	*	*	*	*	1016.1	+3	S	2	bcz	65	82	6	-	Sr	2	A.Cu	3	*
STATIONS CONTRIBUTING REPORTS AT 7H AND 18H.																												
STATIONS.	Barom.	TEMP.	WIND.		Weather.	Barometer.	TEMPERATURE.	WIND.		Weather.	Sea.	TEMP.		WEATHER.		Sunshine												
	at	°F.	Dir.	Force		at	Change	Temp.	Change			Dir.	Force	Max.	Min.		Morning.	Afternoon.	Night.									
	M.S.L.			0-12.		M.S.L.	in 3 hours.	°F.	in 24 hours.				0-12.		°F.		°F.											
18H. G.M.T. OF ...													7H. G.M.T. OF ...															
Lerwick	1008.8	56	ESE	4	om	1008.0	0	54	-1	S	2	-	57	51	f.p	f.p	*											
Stornoway	1000.9	55	SSE	2	cm	1002.6	0	56	+2	S	3	-	62	54	bec	cormc	3.3											
Castlebay (Barra Is)	1000.0	58	SSE	5	cf	1000.8	0	59	+2	SE	5	-	59	57	afopo	ocpcf	1.0											
Glasgow	1004.6	61	S	2	cm	1006.8	0	59	+6	S	3	-	64	53	ocodp	orop	1.7											
Malin Head	998.0	65	S	4	bcq	998.1	0	61	+6	SW	4	SW	66	55	oqp	bcq	3.5											
Blacksod Point	996.6	63	S	5	bcm	995.1	0	60	+2	S	8	-	65	57	bcm	bcm	*											
Roche's Point	1002.4	61	SSW	4	c	1004.7	+1	60	0	S	5	-	65	59	ombm	bcm	*											
Birr Castle	1000.9	63	SE	3	c	1002.5	*	60	-3	SSE	2	S	70	59	cp	cp	7.4											
Donaghadee	1002.6	62	S	4	bcm	1005.1	-1	59	+3	SSW	4	-	64	55	bcomr	omrbo	*											
Liverpool (Bidston)	1006.7	65	SSE	2	b	1009.9	+1	61	+3	SSE	3	W	69	57	bc	b	6.5											
Holyhead	1005.7	62	SSW	5	bcz	1007.9	+2	60	+3	S	5	SW	64	56	egpam	cbbo	5.6											
Pembroke (St. Ann's Head)	1007.3	60	SW	4	c	1009.4	+1	60	0	S	5	S	63	59	ogrcq	bbe	5.0											
Scilly (St. Mary's)	1007.3	62	S	3	cm	1010.5	0	61	-2	S	4	S	65	55	ompbc	bcm	5.4											
Jersey (St. Aubin)	1014.1	67	S	4	og	1016.2	0	64	+3	SSE	4	-	68	60	ogro	ocog	0.2											
Portland Bill	1011.7	63	S	5	ogp	1014.2	+1	61	0	SSW	4	-	64	58	ogp	ogp	*											
Dungeness	1014.9	63	SW	5	c	1017.6	+2	64	+3	SSW	4	SW	67	60	cbe	cbe	*											
Wick	1003.7	55	SE	4	omr	1005.4	+1	57	+3	SSE	2	-	58	53	cm	cmomp	*											
Nairn	1002.2	62	-	0	o	1004.4	*	62	+9	-	0	-	71	53	beg	gepus	1.9											
Leith	1004.1	65	SSW	2	b	1006.7	0	60	+4	SSW	2	S	68	55	omcbe	c.or.be	*											
Tynemouth	1006.1	66	SW	3	bcm	1009.5	+1	62	+8	SSW	2	-	69	55	cm	bcm	*											
Spurn Head	1009.9	65	SSW	3	c	1013.4	+1	62	+3	S	4	-	69	58	c	c	*											
Farmouth (Gos. station)	1014.7	64	SSW	4	o	1015.9	+1	64	+4	S	5	-	72	58	bcm	bcmo	6.7											
Clacton-on-Sea	1014.8	63	SSW	5	o	1017.3	+2	64	+3	S	4	SW	68	60	ogmbe	bcog	5.4											
Nottingham	1009.9	65	S	2	o	1012.8	*	64	+5	SW	3	SW	68	59	bcc	op	3.0											



# SUMMARY OF CONDITIONS AT 7 A.M. Friday, 5th September, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	S-SW 10-15	v.mild.	Var. cloud; drizzle inland local mist.	v.good	r.rough
2. E. England	S-W 15-20	"	Fair to cloudy	good	Moderate
3. E. Midlands	S 5-15	"	Light rain & mist locally	var.	-----
4. W. Midlands	S 15	"	Overcast	ord.	-----
5. S.W. England	S-SW 15-20	r.mild	Cloudy to o'cast; mist locally	var.	Moderate
6. South Wales	S 20	"	Cloudy	-----	r.rough
7. North Wales	S-SW 20	"	Cloudy to overcast	good	Moderate
8. N.W. England	S-SE 10	"	Fair to cloudy	ord.	slight
9. N. Midlands	SW 10	v.mild	Overcast	"	-----
10. N.E. England	S-SSW 5-15	"	Fair to cloudy; local mist	var.	slight
11. E. Scotland	S-SE 5-10	mild	Cloudy, mist & haze in north	var.	smooth
12. S.W. Scotland	S-SSE 10-20	"	Cloudy to o'cast; mist locally	"	slight
13. Isle of Man	S-SSE 10-20	"	" " " " " "	"	slight
14. N. & N.W. Scot- land	SSE 5	"	Fair generally, local mist	-----	slight
15. Hebrides	S-SE 10-20	r.mild	Overcast	-----	Moderate
16. Orkneys and Shetlands	S-ESE 5	"	Fair in Orkneys, fog in Shetlands	var.	slight
17. N.W. Ireland	S 35-40	mild	Overcast, mist & rain	-----	rough
18. N.E. Ireland	S-SW 15-25	"	Variable cloud, mist locally	var.	slight
19. S.E. Ireland	S-SSE 5-10	"	Variable cloud	good	Moderate
20. S.W. Ireland	S 20-25	"	Variable cloud, light rain at Valencia.	ord.	rough



GENERAL INFERENCE from observations received up to 10 a.m.

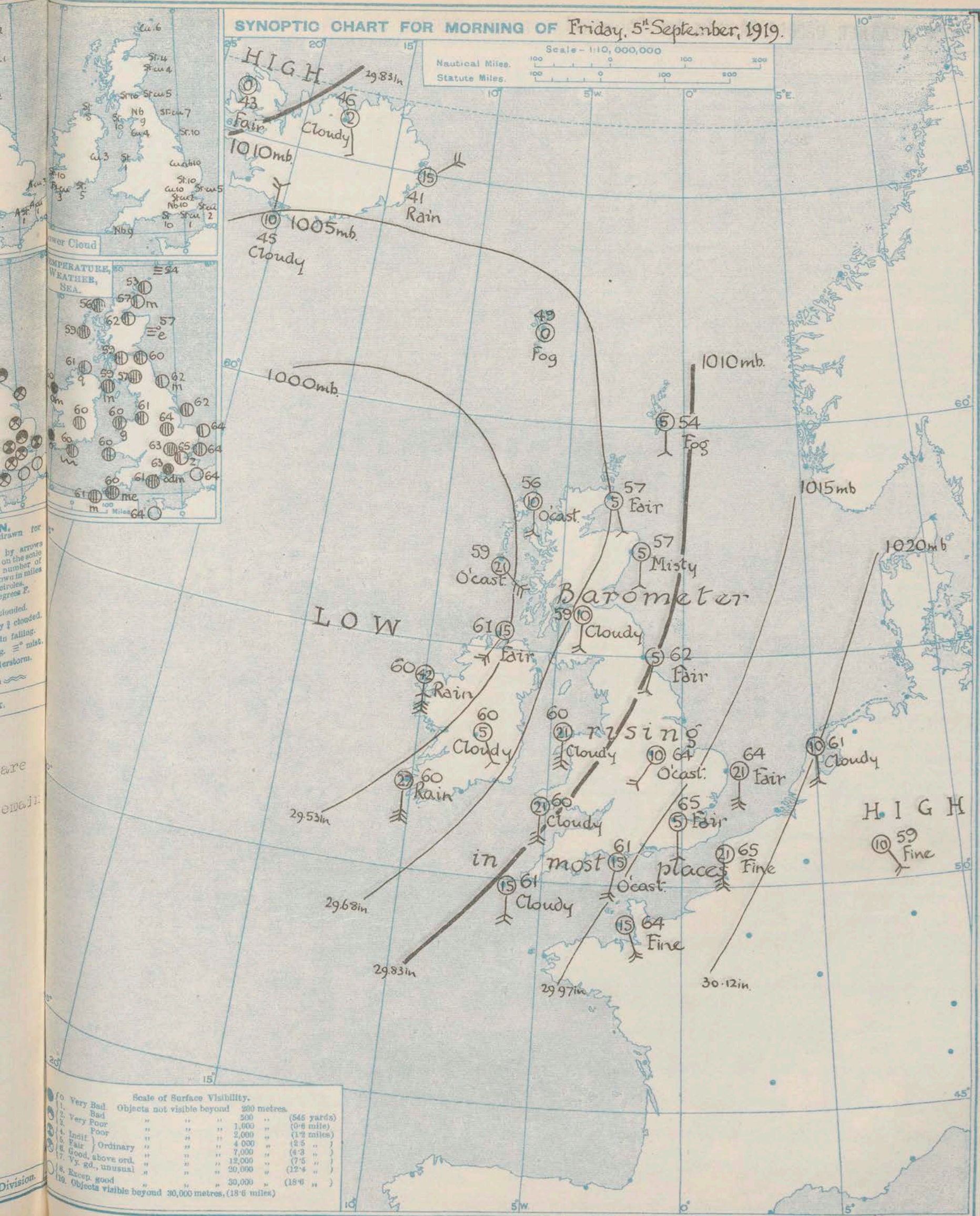
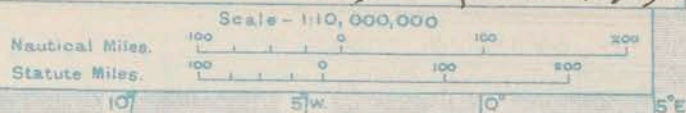
The depression off our western coasts is almost stationary and will continue to maintain southerly to southwesterly winds, moderate temperature, and changeable weather over these Islands generally.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**  
 ○ clear sky. ○ sky & clouded.  
 ⊙ sky & clouded. ⊙ sky & clouded.  
 ⊕ overcast sky. ● rain falling.  
 \* snow. ▲ hail. = fog. = mist.  
 T thunder. R thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough High

Districts.	Forecasts for the 24 hours commencing 3 p.m.	Friday, 5th September, 1919
1. S.E. England	Moderate or fresh S - SW winds. Changeable, some showers or drizzle. 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	Moderate southerly winds. Changeable, some showers or drizzle. Moderate temperature.	
11. E. Scotland		
12. S.W. Scotland		
13. Isle of Man		
14. N. & N.W. Scotland		
15. Hebrides	Strong S-SW wind. Changeable, some rain. Moderate temperature.	
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland	As for district 17.	



SYNOPTIC CHART FOR MORNING OF Friday, 5<sup>th</sup> September, 1919.



Scale of Surface Visibility.				
1.	Very Bad	Objects not visible beyond	200 metres.	
2.	Bad	"	500 "	(545 yards)
3.	Very Poor	"	1,000 "	(0.6 mile)
4.	Poor	"	2,000 "	(1.2 miles)
5.	Indif.	Ordinary	4,000 "	(3.5 "
6.	Fair	"	7,000 "	(4.3 "
7.	Good, above ord.	"	12,000 "	(7.5 "
8.	Vx. gd., unusual	"	20,000 "	(12.4 "
9.	Except. good	"	30,000 "	(18.6 "
10.	Objects visible beyond	30,000 metres.	(18.6 miles)	



Friday  
5<sup>th</sup> September 1919

STATIONS.	SUMMARY FOR PAST 24 HOURS.									Sun. Hours.	BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.		
	WEATHER				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	RAINFALL.			No.	Limits of Velocity.			
	7h-13h. <sup>A</sup>	13h-18h. <sup>A</sup>	18h-1h. <sup>A</sup>	1h-7h. <sup>A</sup>				Day. 7h-18h	Night. 18h-7h			Statute miles per hour.	Metres per second.		
†Houton Bay (Orkney)...	omq	eq	ef.p.	bc.ez	57	47	*	*	*	*	b	blue sky (not more than a quarter covered).	0	Less than 1	Less than 0.9
Eskdalemuir ...	omwom	ogmopom	og	ormo	64	55	55	6	0.4	0.3	bc	sky partly cloudy (one half covered).	1	1-8	0.3-1.5
†Stranraer ...	omr	b.b.c	b.b.c	o	64	41	*	*	*	*	c	generally cloudy (three quarters covered).	2	4-7	1.6-3.5
†Lough Foyle ...	p <sub>2</sub>	p <sub>2</sub>		bc.c	64	52	*	*	*	*	d	drizzle, or fine rain.	3	5-12	5.4-5.4
Valencia (Cahirciveen) ...	bc.c	bcc			67	59	58	-	2	8.8	e	wet air without rain falling.	4	13-18	5.5-7.9
†Anglesey (Llangafni) ...	ov	bccq	b.b.c	po	67	52	*	*	*	*	f	fog, g gloom.	5	19-24	8.0-10.7
Falmouth ...	orm	ordod <sub>2</sub>	o	o.or	66	60	53	10	1	0.0	h	hail, l lightning.	6	25-31	10.8-13.8
†Calshot (Hants) ...	or	o	b.o	3	67	55	*	*	*	*	m	mist.	7	32-38	13.9-17.1
†Capel (Folkestone)...	bccv	ecv	bccv	bc.cv	69	58	*	*	*	*	p	passing showers.	8	39-46	17.2-20.7
Aberdeen ...	efcm	orfc	c.b.fe		61	54	45	1	-	0.5	q	squalls.	9	47-54	20.8-24.4
†East Fortune ...	co	omef	b.bcz	bc.e	71	52	*	*	*	*	r	rain.	10	55-63	24.5-28.6
†Flamborough Head...	b.bcz	cou	cu	a <sub>2</sub>	65	54	*	*	*	*	rs	sleet, i.e., rain and snow together.	11	64-75	28.5-33.5
†Felixstowe ...	bccz	eq	op	-	69	57	*	*	*	*	s	snow.	12	Above 75	33.6 or above
†Cranwell (Lincs)	bccz	cop		cpo	70	61	*	*	*	*	t	thunder.			
†Bedford ...	eq	omq		ompo	70	57	*	*	*	*	u	ugly, threatening sky.			
Benson ...	o	od			67	56	53	0.3	-	*	v	unusual visibility.			
London (Kew Obsy.) ...	om.bco	ood		abc	68	58	58	0.1	trace	3.6	w	dew.			
											x	hoar frost.			
											y	dry air; humidity less than 50 per cent.			
											z	dust haze; the turbid atmosphere of dry weather.			

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 2=heavy. Underlining is used to express continuity.

**SYMBOLS—**

Aurora      ↗ Solar halo      ☉  
Rime        ↖ Lunar halo      ☾  
Glazed frost      ☼ Solar corona      ☼  
Glazed roads      ☾ Lunar corona      ☾

NOTES ON THE WEATHER OF YESTERDAY.

Some rain fell in all districts except the east of England, the heaviest falls occurring at Donaghadee (18mm) and Glasgow (13mm). Cloudiness was very variable and sunshine was nowhere very abundant, the best record 8.8hrs being obtained at Valencia. Temperature rose to 70° in many parts of the Kingdom and reached 72° at Yarmouth and Westminster.

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METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.

No. 24107B SATURDAY 6<sup>th</sup> SEPTEMBER 1919.

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

STATIONS	13H. G.M.T. OF														18H. G.M.T. OF													
	BAROM. at M.S.L. m.b.	Change in 3 hours.	WIND. Direc.	Force 0-12.	Weather	TEMP. °F.	Humidity %	Visibility 0-10.	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. m.b.	Change in 3 hours.	WIND. Direc.	Force 0-12.	Weather	TEMP. °F.	Humidity %	Visibility 0-10.	Height of Low Cloud Feet.	Low Cloud Form.	Amt. 0-10.	Upper Cloud Form.	Amt. 0-10.	Sea 0-9.
Houton B. (Orkney)	1007.1	+2	SE	5	f	59	82	2	7-9000	S.Cu	5	-	3	+	1006.9	0	SE	4	f	55	92	2	7-9000	S.Cu	5	C.Sr	3	3
Eskdalemuir ...	1009.4	+2	S	6	cq	64	75	6	2-3000	Cu	8	-	-	*	1010.1	+1	S	5	o	61	82	6	2-3000	Sr	10	-	-	*
Stranraer ...	1007.0	0	S	5	o	62	97	3	1-1000	Sr	8	C.S.	1	*	1007.9	0	S	5	c	60	65	4	1-1500	Sr	6	A.Cu	1	*
Lough Foyle ...	1000.6	-1	S	7	q	64	75	8	1 1/2-2000	C.Nb	9	-	-	+	1002.5	+1	SSW	6	c	62	82	7	1 1/2-2000	Cu	7	-	-	+
Valencia (Cahire'n)	1004.1	+4	SW	4	cp	63	82	7	1-1500	S.Cu	7	-	-	+	1008.5	+5	WSW	3	c	62	87	7	1 1/2-2000	Cu	7	-	-	+
Anglesey (Llangefn)	1009.7	+1	SSW	4	q	65	82	7	5-7000	Nb	10	-	-	5	1010.3	+1	SSW	5	q	63	82	6	1-1000	Nb	9	-	-	5
Falmouth ...	1012.6	+1	SSW	3	o	65	82	6	-	C.Nb	10	-	-	*	1014.5	+1	SSW	3	o	63	92	5	-	Sr.C	9	-	-	*
Calshot (Hants) ...	1017.0	0	S	3	b	73	75	7	-	-	-	Cim	4	4	1016.6	0	SW	1	o	68	82	6	5-7000	Cu	5	A.Sr	5	2
Capel (Folkestone)	1019.0	-1	S	4	by	68	75	8	-	-	-	A.Sr	1	+	1018.4	-1	SSE	1	by	70	65	8	-	-	-	A.Cu	2	2
Aberdeen ...	1008.8	0	SSE	4	bf	66	65	6	-	-	-	-	-	2	1009.1	+1	SSE	3	bc	64	65	7	-	S.Cu	4	-	-	2
East Fortune ...	1008.7	+1	S	4	bc	70	55	6	3-4000	S.Cu	3	-	-	*	1009.4	+1	S	5	bc	66	65	6	4-5000	Cu	2	C.E	2	*
Flamborough ...	1014.1	+2	SSW	5	c	65	75	6	2-3000	S.Cu	5	A.Sr	3	*	1014.5	0	SSE	3	c	60	92	6	3-4000	S.Cu	5	A.Sr	3	*
Felixstowe ...	1018.8	-1	SW	3	b	69	75	8	-	-	-	C.C.	2	+	1018.3	-1	S	3	b	65	82	8	-	-	-	A.Cu	3	+
Cranwell (Lincs)	1015.6	+1	S	4	cv	67	82	8	2-3000	Sr	7	A.Sr	2	*	1015.5	+1	SSW	2	bc	68	75	8	4-5000	S.Cu	4	A.Cu	2	*
Bedford ...	1015.8	+1	SSW	5	q	76	45	-	5-7000	F.Cu	3	A.Cu	3	*	1015.8	0	SSW	3	c	71	55	5	-	-	-	-	-	*
Benson ...	1015.0	0	SSW	5	bc	75	65	8	-	-	-	-	-	*	1015.8	+1	S	2	cv	68	75	10	-	-	-	C.C	5	*
London (Kew Ob.)	1016.6	-1	SSW	5	by	76	45	8	-	-	-	Cu	1	A.Cu	1	+	SW	1	bc	73	65	8	-	S.Cu	3	C.C	2	*

	1H. G.M.T. OF ...6...														7H. G.M.T. OF ...6...													
	Barom. at M.S.L. m.b.	Change in 3 hours.	WIND. Direc.	Force 0-12.	Weather	TEMP. °F.	Humidity %	Visibility 0-10.	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. m.b.	Change in 3 hours.	WIND. Direc.	Force 0-12.	Weather	TEMP. °F.	Humidity %	Visibility 0-10.	Height of Low Cloud Feet.	Low Cloud Form.	Amt. 0-10.	Upper Cloud Form.	Amt. 0-10.	Sea 0-9.
†Houton R. (Orkney)	1005.9	-1	SSE	4	of	55	92	3	1-1500	C.Nb.	6	A.Sr	3	5	1006.5	+1	S	2	bc	53	97	6	1-1000	Sr.Cu	3	A.Sr.	2	1
Esksdalemuir ...	1010.4	-1	SSW	5	cdq	58	92	6	-	Sr	9	-	-	*	1012.6	+3	SW	4	o	56	92	6	1-1500	Nb	9	A.Cu	1	*
†Stranraer ...	1009.7	0	SSW	3	bc	57	97	3	1-1500	Sr.	6	-	-	*	1013.3	+4	SW	3	c	56	97	5	2-3000	Sr	6	A.Cu	2	-
†Lough Foyle ...	1016.4	+5	SSW	2	bc	57	*	*	*	*	*	*	*	*	1009.6	+4	SW	6	o	55	97	7	1-1000	Sr	10	-	-	*
Valencia (Cahire'n)	1016.4	+5	SSW	2	bc	57	*	*	*	*	*	*	*	*	1018.2	+5	NW	2	c	56	87	8	1-2000	Sr.Cu	8	-	-	4
†Anglesey (Llangefn)	1012.1	0	SSW	4	q	60	97	-	1-1500	Sr	4	-	-	5	1014.9	+4	SW	3	o	58	97	6	-	-	-	-	-	4
Falmouth ...	1016.5	+1	SW	4	ow	60	92	5	-	C.Nb.	9	-	-	*	1019.0	+5	-	0	6	58	97	7	-	-	-	-	-	*
†Calshot (Hants)...	1016.9	0	W	1	o	62	97	6	5-5000	Sr	10	-	-	+	1019.5	+3	WSW	2	o	61	92	7	2-3000	Sr	10	-	-	4
†Capel (Folkestone)	1016.5	-2	SSE	5	by	67	65	8	-	-	-	A.Sr	3	5	1017.5	0	NNE	2	2	61	92	5	3-4000	Sr.Cu	5	A.Sr.	2	2
†Aberdeen ...	1007.9	0	S	5	bc	56	97	4	3-4000	S.Cu	4	-	-	*	1009.3	+1	S	4	6	59	87	6	-	-	-	-	-	2
†East Fortune ...	1009.8	0	S	2	b.	61	82	-	2-3000	C.Nb.	3	-	-	*	1010.6	+1	SSW	2	c	58	82	6	3-4000	Sr.Cu	7	-	-	*
†Flamborough ...	1014.3	-1	SSW	3	rg	60	92	5	1-1500	Sr	10	-	-	*	1015.0	+1	SW	3	o	59	97	4	2-3000	Sr.	10	-	-	*
†Felixstowe ...	1016.5	-2	SW	3	bc	65	87	-	4-5000	-	-	A.Cu	4	5	1017.5	0	NNE	2	c	64	87	4	4-5000	Sr.Cu	5	Cim	4	3
†Cranwell (Lincs)	1016.6	+1	-	0	r	61	97	4	1-2000	Nb.	10	-	-	*	1017.5	+1	SW	1	o	59	97	6	2-3000	Sr.	5	Cim	4	*
†Bedford ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1017.3	+2	WSW	2	2	61	*	3	2-3000	Sr.	3	A.Cu.	6	*
Benson ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1017.2	+4	-	0	c	59	97	6	-	-	-	-	-	*
London ...	1015.8	0	NW	1	o	64	*	*	*	*	*	*	*	*	1018.1	+3	SW	2	om	61	97	3	-	-	-	-	-	*

STATIONS CONTRIBUTING REPORTS AT 7h AND 13h.

STATIONS.	STATIONS CONTINUED.																						
	BAROM. at M.S.L. m b.	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.		M.S.L. m b.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Direc.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.			
18h. G.M.T. of .....						7h. G.M.T. of .....						24 HOURS ENDED 7h. ....											
Lerwick ...	1009.4	55	S	3	bm	1008.8	-1	55	+1	S	2	-	bcm	1	-	59	54	f	f	bcm	*		
Stornoway ...	1001.2	58	SSE	3	op	1005.6	+4	55	-1	SW	3	-	bc	2	4	62	55	crc	cop	o.c	1.9		
Castlebay (Barra Is)	1000.4	57	SE	4	op	1006.9	+4	56	-3	W	3	-	o	3	2	61	55	ocopo	ocop.	op.o	4.3		
Glasgow ...	1008.1	63	S	4	c	1011.3	+2	56	-3	SSW	3	-	o	*	3	67	56	cacp	cq	c.op.om	6.4		
Malin Head ...	1001.2	62	S	4	bcq	1008.8	+2	56	-5	SW	4	SW	cpm	2	1	65	56	cq	bcq	cq	5.0		
Blacksod Point	1002.8	59	SW	3	cm	1013.1	+4	56	-4	W	4	-	om	3	3	64	55	bcq	om	cm.bc	*		
Roche's Point...	1009.4	61	SW	3	bc	1017.4	+5	56	-4	W	2	W	o	3	1	63	55	cad.pc	cbc	b.o	*		
Birr Castle ...	1008.2	60	SW	2	c	1015.4	*	57	-3	SW	1	-	o	*	7	69	54	c	cb	cp.op	9.0		
Donaghadee ...	1006.6	61	S	5	byqm	1012.0	+1	56	-3	SW	2	W	cm	2	1	66	52	bcmq	bcqz	bcqpm	*		
Liverpool (Bidston)	1011.6	66	SSE	3	bc	1015.1	+2	59	-2	SSW	2	SW	bcv	2	-	71	58	b	c	bc	3.4		
Holyhead ...	1010.1	61	SSW	5	b	1014.7	+2	58	-2	SW	4	SW	cf	3	2	65	56	c.op	gp.bcb	bc.f.b	5.4		
Pembroke (St. Ann's Head)	1012.6	61	SSW	5	cq	1017.3	+3	58	-3	W	3	W	c	4	2	62	58	coq	og.cq	og.cpd	1.0		
Scilly (St. Mary's)	1013.7	64	SSW	3	b	1019.2	+2	58	-3	WNW	2	NW	bc	4	1	66	57	cma	bcm	b.bcp	7.5		
Jersey (St. Aubin)	1015.4	74	SE	1	c	1019.4	+1	63	-1	W	2	-	og	2	-	76	60	b	bc	cl.og	8.7		
Portland Bill ...	1015.3	63	W	1	o	1017.7	+2	60	-1	W	4	-	o	4	0.4	68	58	oc	cop	alt.dfm	*		
Dungeness ...	1016.7	67	S	1	b	1016.6	+1	62	-2	NW	2	W	b	2	-	71	60	cb	b	bc	*		
Wick ...	1004.9	59	SSE	3	bcm	1005.8	+1	56	-1	SSW	3	-	bcm	2	-	60	54	bcm	bcm	bcpm	*		
Nairn ...	1003.8	66	S	3	bc	1007.3	*	58	-4	SSW	2	-	bcq	2	-	72	55	bcq	bcqg	bc	5.5		
Leith ...	1008.3	66	SW	3	c	1010.6	+1	58	-2	SW	2	SW	bc	1	0.3	70	57	c.bc.c	c.bc.c	c.p.bc	*		
Tynemouth ...	1011.1	67	SSW	4	o	1012.4	+2	60	-2	WSW	2	-	bc	2	-	72	58	bcm	bcm	bcm.cm	*		
Spurn Head ...	1014.9	64	S	2	c	1015.4	o	60	-2	SW	2	-	c	2	32	68	58	c	c	o.tr.c	*		
Yarmouth (Gor. lagoon)	1017.3	70	SSW	4	bc	1014.8	o	61	-3	N	3	-	c	3	-	70	61	bc	bc	bc.bc	9.3		
Clacton-on-Sea	1017.5	66	SE	3	bc	1016.3	+1	62	-2	NW	3	SW	bc	2	-	70	61	cbc	bc	bc.c.bc	8.7		
Nottingham ...	1015.0	65	S	1	o	1016.1	*	58	-6	S	1	S	bcm	*	6	69	58	op	oop	or	0.1		



# SUMMARY OF CONDITIONS AT 7 A.M. Saturday, 6th September, 1919.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW Nupto 5	v.mild	Variable cloud; local mist	ord.	smooth
2. E. England	WNW-NNE 5 10	"	Fair to cloudy & haze	poor	slight
3. E. Midlands	WSW 2 5	"	Cloudy; local haze	var.	"
4. W. Midlands	Calm	"	Cloudy	good	"
5. S.W. England	W up to 5	r.mild	Fine or fair	good	slight
6. South Wales	W 2-10	"	Fair to cloudy	poor	Moderate
7. North Wales	SW 10-15	"	Cloudy to o'cast; fog at Holyhead.	var.	"
8. N.W. England	SSW WSW 5 15	"	Fair to cloudy	ord.	slight
9. N. Midlands	S 2	"	Fair generally	"	"
10. N.E. England	SSW-W 5 10	v.mild	Variable cloud; local mist	ord.	smooth.
11. E. Scotland	S-SW 5-15	r.mild	Fair or fine	good	smooth
12. S.W. Scotland	SW 10-15	"	Cloudy to overcast	ord.	slight
13. Isle of Man	SW 5-15	"	Cloudy to overcast	ord.	slight
14. N.&N.W.Scot-land	SW 10	"	Fine	"	smooth
15. Hebrides	SW-W 10	"	Variable cloud	"	slight
16. Orkneys and Shetlands	S 5	"	Fair generally, local mist	var.	smooth
17. N.W. Ireland	W 15	Moderate	Overcast, misty	"	slight
18. N.E. Ireland	SW 5-15	r.mild	Cloudy, local mist, showers at Londonderry.	var.	slight
19. S.E. Ireland	SW 2-10	Moderate	Variable cloud	ord.	slight
20. S.W. Ireland	W-NW 5	"	Cloudy to overcast	good	slight

## GENERAL INFERENCE from observations received up to 10 A.M.

A depression off the north of Scotland is moving away to north eastward. Westerly winds and more settled weather are probable.

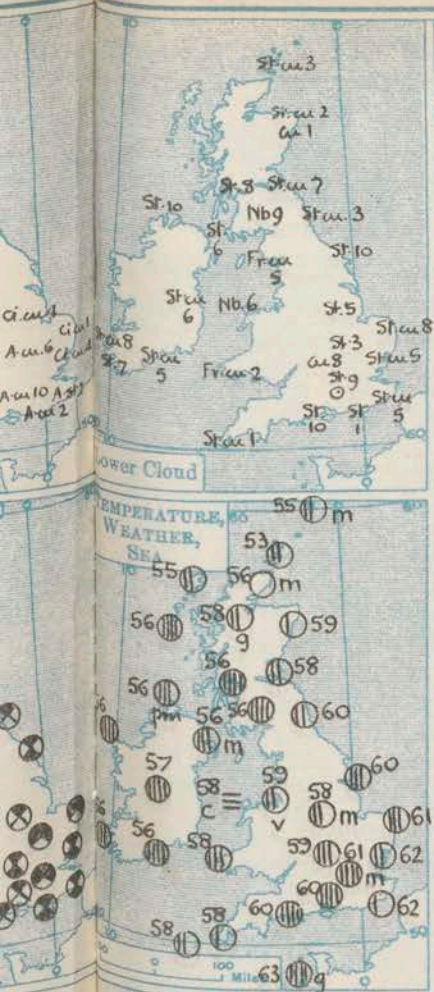
**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**—  
 ○ clear sky. ○ sky & clouded.  
 ⊙ sky & clouded. ⊙ sky & clouded.  
 ⊕ overcast sky. ⊕ rain falling.  
 \* snow. ▲ hail. = fog. = mist.  
 T thunder. T thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough High

Districts.	Forecasts for the 24 hours commencing 3 p.m. Saturday, 6th September, 1919	Further Outlook.
1. S.E. England	Light or moderate westerly winds; weather fair, some morning mist. Temperature moderate to rather warm.	A tendency towards more settled conditions is indicated.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales		
7. North Wales	Moderate SW W winds; fair or cloudy, some showers. Temperature moderate to rather warm.	
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. E. Scotland		
12. S.W. Scotland		
13. Isle of Man	Moderate W NW winds, fair or cloudy, some showers, moderate temperature	
14. N.&N.W.Scot-land		
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland	As for districts 14 15.	
20. S.W. Ireland		

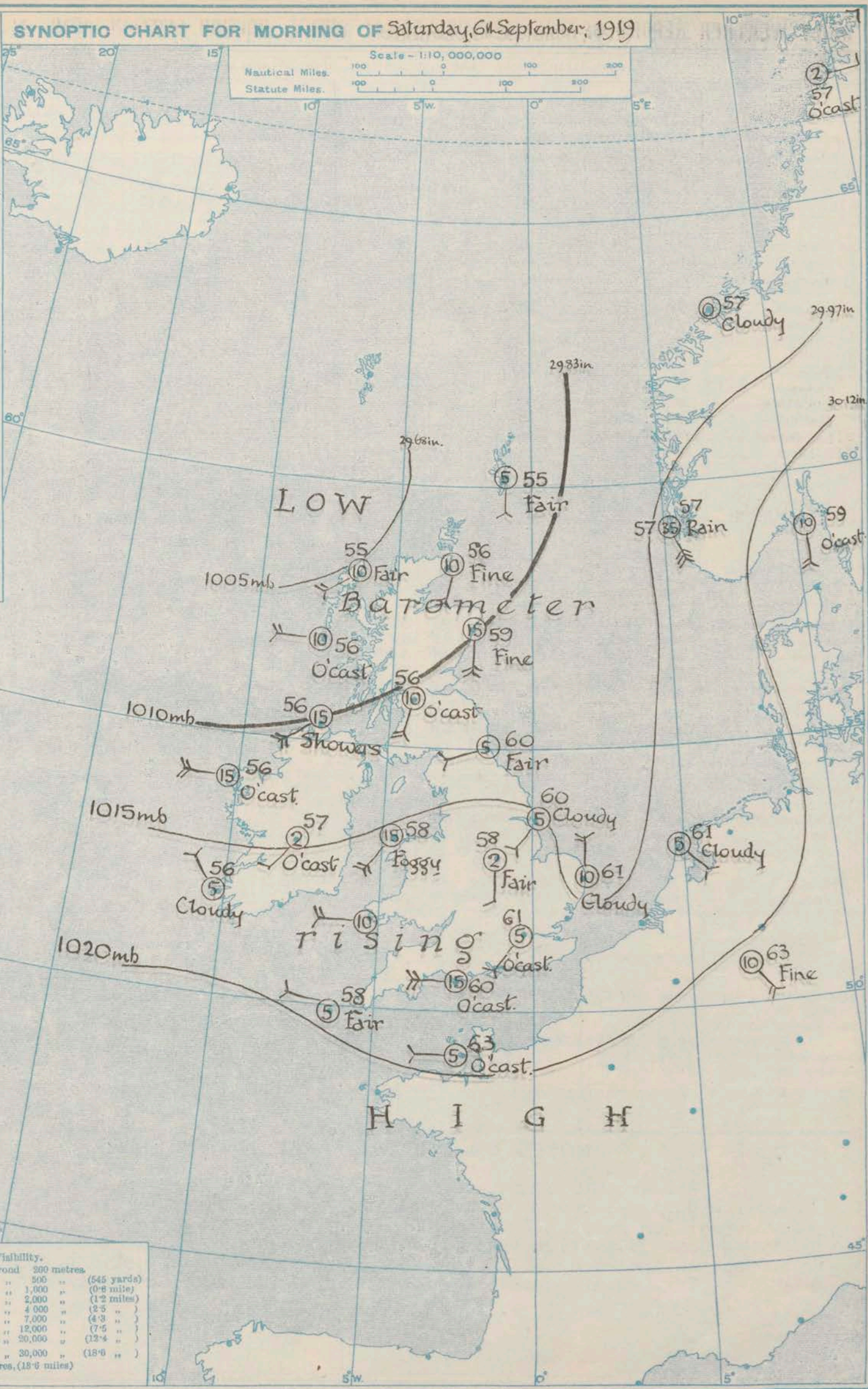


# SYNOPTIC CHART FOR MORNING OF Saturday, 6th September, 1919

Scale - 1:10,000,000  
Nautical Miles. 100 0 100 200  
Statute Miles. 100 0 100 200  
10° 5°W 0° 5°E



ON, drawn for  
n by arrows  
s, on the scale  
a number of  
shown in miles  
of circles.  
degrees F.  
clouded.  
y & clouded.  
rain falling.  
fog. = mist.  
under storm.  
gh  
ok.



Scale of Surface Visibility.

0	Very Bad.	Objects not visible beyond	200 metres	(220 yards)
1	Bad	"	500 "	(545 yards)
2	Very Poor	"	1,000 "	(1,090 yards)
3	Poor	"	2,000 "	(2,180 yards)
4	Indif.	"	4,000 "	(4,370 yards)
5	Fair	"	7,000 "	(7,660 yards)
6	Good, above ord.	"	12,000 "	(13,120 yards)
7	Vy. gd., unusual	"	20,000 "	(21,600 yards)
8	Except. good	"	30,000 "	(32,800 yards)
9	Objects visible beyond	30,000 metres	(32,800 yards)	



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 242. B { 6<sup>th</sup> September 1919. SATURDAY

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 5 <sup>th</sup> Sept.																			
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 17h-24h.	Day, 9h-12h.	to 17h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 17h-24h.	Day, 9h-12h.	to 17h.	Sunrise to Sunset.
Scotland.	Oban ... ..	orc	bco	66	58	0.1	-	6.1	2.1	England, N.W.	Douglas (I.O.M.)			64	57	5	-	1.4	1.8
	Banff ... ..	b	b	72	51	-	-	9.1	3.1		Blackpool ... ..	bc	opo	69	56	-	1	2.3	5.5
	Montrose ... ..	cbe	bc	68	49	-	-	6.7	1.0		Southport ... ..	bbee	co	70	57	-	-	2.5	4.9
	St. Andrews ... ..	c	c	71	53	-	-	6.7	2.8										
England, N.E.	Harrogate ... ..	bco	bcc	69	60	4	-	2.8	2.8	Midlands.	Buxton ... ..	rcbbe	ber	65	59	5	0.2	2.6	3.1
	Skegness ... ..	oebe	bcc	74	61	-	-	3.8	6.1		Leamington Spa. ... ..	op	op	69	62	3	1	-	2.6
	Scarboro' ... ..			73	60	0.4	-	2.0	8.3		Malvern ... ..			65	61	4	2	-	0.7
											Ross-on-Wye ... ..	copr	ro	65	61	4	2	-	0.7
England, E.	Felixstowe ... ..	bc	bc	70	61	-	-	8.8	4.1	Wales.	Rhyl ... ..	bc	bcc	70	55	0.3	-	5.4	7.3
	Walton-on-Naze ... ..										Colwyn Bay ... ..			72	59	0.3	-	6.6	7.6
	Southend-on-Sea ... ..	ebcb	b.	79	61	-	-	8.0	4.9		Llandudno ... ..	bc	cb	70	58	-	-	3.9	6.7
											Aberystwyth ... ..	roc	bbo	67	65	-	-	4.5	5.0
England, S.E.	Margate ... ..	b	b	78	62	-	-	10.5	4.6	England, S.W.	Weymouth ... ..	rc	cpc	69	61	6	0.2	0.4	0.3
	Ramsgate ... ..	b	b	74	60	-	-	10.8	4.8		Teignmouth ... ..	or	oco	67	59	4	1	0.1	0.0
	Folkestone ... ..	b	bv	75	61	-	-	10.2	4.2		Torquay ... ..	op	oeq	65	60	6	3	0.2	0.0
	Hastings ... ..	bcb	bbe	72	62	-	-	8.0	3.9		Paignton ... ..	op	op	65	60	3	1	0.0	0.0
	Eastbourne ... ..	bcb	b	71	65	-	-	9.5	0.7		Penzance ... ..	oc	coc	64	61	-	-	3.0	2.0
	Brighton ... ..	cb	b	71	61	-	-	9.4	4.0		Newquay ... ..	c	c	69	60	-	-	2.5	2.1
	Werthing ... ..	bc	bc	72	61	-	-	6.9	4.0		Bude ... ..	bc	bc	69	61	0.2	-	4.5	1.6
	Littlehampton ... ..	abc	b	70	59	0.4	-	?	?		Ilfracombe ... ..	oebe	bcc	69	62	1	-	6.9	0.1
	Bournemouth ... ..			68	60	-	1	3.0	0.1		Weston-s-Mare ... ..	r	oc	66	59	1	1	-	-
	Tunbridge Wells ... ..	b	b	75	61	-	-	9.9	3.1										

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.			THE BEAUFORT SCALE OF WIND FORCE.		
STATIONS.		WEATHER.				Max. Temp. °F.		Min. Temp. °F.		Rainfall.		Sun. Hours.	No.	Limits of Velocity.	
		7h-13h.	13h-18h.	18h-24h.	1h-7h.	°F.	°F.	°F.	°F.	Day. 7h-18h.	Night. 18h-7h.			Statute miles per hour.	Metres per second.
†Houton Bay (Orkney)...		bcc.g	bcc.g	pg	bc.cq	65	52	*	*	*	*	*	1	1-3	0.8-1.5
†Eskdalemuir ...		opq.cq	opq.o	opq	op.o	65	53	54	2	3	5.1	2	4-7	1.6-2.3	
†Stranraer ...		og	coq	c.o	c.o	65	54	*	*	*	*	3	8-12	2.4-5.4	
†Lough Foyle ...		q.z	p		q.p.	64	58	*	*	*	*	4	13-18	5.4-7.9	
Valencia (Cahiriveen) ...		opc	cp	bc.cq	bc.cq	65	54	53	1	1	4.6	5	19-24	8.0-10.7	
†Anglesey (Llangefni) ...		op	og	co	c.oq	64	53	*	*	*	*	6	25-31	10.8-13.8	
Falmouth ...		co	om	bm.w.	c.b.w.	66	57	54	-	-	0.7	7	32-38	12.9-17.1	
†Calshot (Hants) ...			bbe	p.k.	batl.	75	59	*	*	*	*	8	39-46	17.2-20.7	
†Capel (Folkestone) ...		bbe.v	b.be.v	b.be.v	bc.cz	74	59	*	*	*	*	9	47-54	20.8-24.4	
Aberdeen ...		bm	bmbc	bc.bf	bc.bf	66	57	52	-	-	7.7	10	55-63	24.5-28.4	
†East Fortune ...		bccq	bccq	bccq	c.or	71	58	*	*	*	*	11	64-75	28.6-33.5	
†Framborough ...		cop	cop	bbe.k	om.r	69	58	*	*	*	*	12	Above 75	33.6 or above	
†Felixstowe ...		b.bcc	b.be.v	bbe.p	bc.cq	72	59	*	*	*	*				
†Cranwell (Lines) ...		r	co.bcc	p.r.	p.c.o	71	56	*	*	*	*				
†Bedford ...		bccq	bcc		z.l.	78	59	*	*	*	*				
Benson ...		bc	bey	bc.o.tlr.o	bc.o.tlr.o	75	57	51	-	20	*				
London (Kew Obsy.) ...		bcbcy	btyc	c.or.o.tlr.om	c.or.o.tlr.om	77	60	54	-	4	7.3				

LONDON. OBSERVATIONS.		WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. inches.	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.	9 h.						
		24 HOURS ENDED 9H G.M.T. 6 <sup>th</sup> .....				YESTERDAY.		TO-DAY.									
Greenwich (Royal Observatory)	bc.b	bc.c.o	o.l.d.m	80	59	50	1	8.7	52	79	Vertical Component of Solar Radiation per Square Centimetre during yesterday.		Stations.	Sunrise.	Noon.	Sunset.	
City (Bunhill Row) ...	*	*	*	*	*	*	*	7.8	*	74			G.M.T.	G.M.T.	G.M.T.	G.M.T.	
Westminster (St. James's Park)	*	*	*	80	60	54	1	8.0	50	74			Yarmouth ... {	5.12	11.57	6.30	
" (Admiralty Arch)	og.bc	bc.bbc	c.tlr.pbc	80	62	*	1	8.0	50	73			Greenwich {	5.14	11.51	6.28	
Camden Sq. (British Rainfall)	c.bc	b.bc	*	81	60	57	1	6.3	44	77			" {	5.21	11.58	6.35	
Kensington Palace ...	bc.b	b.bc	*	79	60	53	1	*	-	82			" {	5.23	11.58	6.38	
											Total ... 1298 ..... Joules.						
											Milliwatts.						
											Average Rate. 27.						
											Maximum Rate. 71.						
													Wick ... {	5.23	12.10	6.57	
													" {	5.26	12.10	6.57	
													Valencia ... {	6.1	12.39	7.17	
													" {	6.3	12.39	7.15	

## NOTES ON THE WEATHER OF YESTERDAY.

The weather continued of a changeable type and small amounts of rain occurred during the day in the west and north. Thunderstorms during the night caused rain in many parts of southern and eastern England, the precipitation being heavy in some localities (32mm at Spurn Head, 20mm at Benson). Sunshine was most abundant on the SE coast, Ramsgate enjoying as much as 10.8hrs up to 17h. Temperature showed a marked rise and reached 80° in London.

† Air Ministry Station.

\* Information for these columns not usually received.





METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.

No. 21,104 B SUNDAY, 7 SEPTEMBER 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 15H.																																												
STATIONS.	BAROM. at M.S.L. m.b.	↑ Change in 3 hours.	WIND. Direc. Force 0-12.	Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.	Upper Cloud.	Sea	BAROM. at M.S.L. m.b.	↑ Change in 3 hours.	WIND. Direc. Force 0-12.	Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.	Upper Cloud.	Sea	BAROM. at M.S.L. m.b.	↑ Change in 3 hours.	WIND. Direc. Force 0-12.	Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.	Upper Cloud.	Sea											
									Form.	Form.	0-9.									Form.	Form.	0-9.									Form.	Form.	0-9.											
13H. G.M.T. OF 6 <sup>h</sup>														18H. G.M.T. OF 6 <sup>h</sup>																														
Houton B. (Orkney)	1008.5	+4	WSW	2	0	56	91	7	1-3000	S.Cu	8	-	-	2	1009.2	+2	WSW	4	of	53	97	1	1-1500	M.Cu	8	-	-	2	1009.2	+2	WSW	4	of	53	97	1	1-1500	M.Cu	8	-	-	2		
Eskdalemuir	1014.9	+3	SW	4	op	57	87	7	1-2000	Nb.	10	-	-	*	1016.6	+2	W	3	odm	55	92	5	1-2000	Nb.	10	-	-	*	1016.6	+2	W	3	odm	55	92	5	1-2000	Nb.	10	-	-	*		
Stranraer	1015.6	+3	WSW	3	r	61	92	6	3-4000	S.Cu	10	-	-	*	1016.9	+2	WNW	3	v	59	92	8	3-4000	S.Cu	8	-	-	*	1016.9	+2	WNW	3	v	59	92	8	3-4000	S.Cu	8	-	-	*		
Lough Foyle	1014.2	+4	W	6	o	56	87	-	1-2000	S.Cu	10	-	-	4	1015.4	+1	WSW	5	o	57	97	5	3-4000	S.Cu	10	-	-	4	1015.4	+1	WSW	5	o	57	97	5	3-4000	S.Cu	10	-	-	4		
Valencia (Cabo'n)	1021.0	+2	WSW	4	o	61	75	8	3-4000	Cu	4	ASr	5	4	1020.7	o	S	4	o	59	87	7	1-2000	Sr	6	ASr	4	3	1020.7	o	S	4	o	59	87	7	1-2000	Sr	6	ASr	4	3		
Anglesey (Llangefni)	1018.1	+3	WSW	3	c	60	78	7	1-1500	S.Cu	7	-	-	4	1019.3	+1	WSW	2	o	59	87	8	2-3000	S.Cu	10	-	-	4	1019.3	+1	WSW	2	o	59	87	8	2-3000	S.Cu	10	-	-	4		
Falmouth	1021.5	+3	NW	4	b	68	65	6	-	S.Cu	3	F.Cu	1	*	1023.4	+2	WNW	3	b	61	75	6	-	Cu	2	-	-	*	1023.4	+2	WNW	3	b	61	75	6	-	Cu	2	-	-	*		
Calshot (Hants)	1020.5	+2	SW	3	bc	69	75	7	2-3000	S.Cu	3	A.Cu	3	4	1021.1	+1	SW	2	b	65	92	7	-	-	ACu	1	2	*	1021.1	+1	SW	2	b	65	92	7	-	-	ACu	1	2	*		
Capel (Folkestone)	1019.3	+1	SSW	3	bcz	69	75	6	2-3000	Cu	2	ALu	2	3	1020.5	+1	W	2	bcv	65	82	5	-	S.Cu	3	ALu	3	2	1020.5	+1	W	2	bcv	65	82	5	-	S.Cu	3	ALu	3	2	*	
Aberdeen	1010.5	o	SW	4	bqy	69	45	7	-	Cu	2	-	-	3	1011.9	+2	SW	2	bc	65	55	7	-	S.Cu	5	-	-	3	1011.9	+2	SW	2	bc	65	55	7	-	S.Cu	5	-	-	3		
East Fortune	1012.5	+2	SSW	4	bc	66	75	6	1-2000	S.Cu	7	-	-	*	1014.5	+4	WSW	3	c	61	75	6	2-3000	C.Nb.	8	-	-	*	1014.5	+4	WSW	3	c	61	75	6	2-3000	C.Nb.	8	-	-	*		
Flamboro Hd.	1015.9	o	S	3	u	69	65	8	4-5000	C.Nb.	6	-	-	*	1020.0	+1	WNW	2	bc	69	65	-	-	-	Ci.S.	5	-	-	*	1020.0	+1	WNW	2	bc	69	65	-	-	-	Ci.S.	5	-	-	*
Felixstowe	1019.1	o	NNW	3	bc	70	65	5	4-5000	Sr.	3	Ci.S	3	1	1018.8	+1	W	1	bc	65	75	7	3-4000	Cu	3	Ci.Sr	1	*	1018.8	+1	W	1	bc	65	75	7	3-4000	Cu	3	Ci.Sr	1	*		
Cranwell (Lines)	1017.6	o	W	2	bvc	70	65	8	3-4000	S.Cu	3	Ci	1	-	1019.0	+1	W	2	bc	67	55	5	4-5000	F.Cu	5	-	-	*	1019.0	+1	W	2	bc	67	55	5	4-5000	F.Cu	5	-	-	*		
Bedford	1018.5	o	SW	3	cZ	70	55	3	5-7000	F.Cu	6	Ci.C	1	-	1019.6	+2	-	o	b	65	75	10	-	-	-	-	-	*	1019.6	+2	-	o	b	65	75	10	-	-	-	-	*			
Benson	1018.7	o	WSW	1	c	70	75	7	-	-	-	-	-	-	1020.0	o	WSW	1	bc	69	55	7	-	S.Cu	6	-	-	*	1020.0	o	WSW	1	bc	69	55	7	-	S.Cu	6	-	-	*		
London (Kew Obs.)	1019.4	o	W	2	c	68	65	7	-	Cu	7	-	-	-																														
1H. G.M.T. OF 7 <sup>h</sup>														7H. G.M.T. OF 7 <sup>h</sup>																														
Houton B. (Orkney)	1010.5	-1	W	4	p	?	92	3	1-1000	Cu.N	7	A.Sr.	3	3	1010.0	+1	W	7	cq	51	97	4	1-1500	Cu.Nb	5	Ci.Cu	2	5	1010.0	+1	W	7	cq	51	97	4	1-1500	Cu.Nb	5	Ci.Cu	2	5		
Eskdalemuir	1017.8	o	S	2	o	52	97	6	-	Sr	10	-	-	*	1017.8	+1	SW	4	ome	54	97	4	1-1000	Sr	10	-	-	*	1017.8	+1	SW	4	ome	54	97	4	1-1000	Sr	10	-	-	*		
Stranraer	1017.1	-1	SSW	2	o	57	97	-	2-3000	Sr	10	-	-	*	1019.0	+4	NW	4	o	57	97	5	1-1500	Sr	9	-	-	*	1019.0	+4	NW	4	o	57	97	5	1-1500	Sr	9	-	-	*		
Lough Foyle	1017.1	-1	SSW	2	o	57	97	-	2-3000	Sr	10	-	-	*	1020.9	+4	NW	6	bc	54	87	6	2-3000	Cu	5	-	-	*	1020.9	+4	NW	6	bc	54	87	6	2-3000	Cu	5	-	-	*		
Valencia (Cabo'n)	1020.7	+5	WSW	2	o	59	*	*	*	*	*	*	*	*	1025.3	+5	N	3	b	56	75	10	2-3000	Cu	2	-	-	3	1025.3	+5	N	3	b	56	75	10	2-3000	Cu	2	-	-	3		
Anglesey (Llangefni)	1019.7	+2	SW	3	o	58	87	-	1-2000	Sr	8	-	-	4	1020.9	+2	WSW	3	od	57	97	5	1-1500	Sr	9	-	-	4	1020.9	+2	WSW	3	od	57	97	5	1-1500	Sr	9	-	-	4		
Falmouth	1024.9	+1	WNW	2	bw	53	92	7	-	-	-	-	-	*	1024.8	o	WSW	1	ow	58	97	6	-	Sr	9	-	-	*	1024.8	o	WSW	1	ow	58	97	6	-	Sr	9	-	-	*		
Calshot (Hants)	1023.4	+2	WNW	1	b	56	92	8	-	-	-	-	-	6	1024.9	+1	W	1	b	54	92	7	-	-	-	-	2	1024.9	+1	W	1	b	54	92	7	-	-	-	-	2				
Capel (Folkestone)	1022.9	+2	NNW	2	bv	56	92	8	-	-	-	-	-	3	1023.9	+1	-	o	57	87	3	-	-	-	-	-	2	1023.9	+1	-	o	57	87	3	-	-	-	-	2					
Aberdeen	1012.3	o	SW	1	o	57	92	8	4-5000	S.Cu	10	-	-	*	1013.2	+1	SSW	2	c	58	87	7	-	Sr	6	Ci.Cu	1	2	1013.2	+1	SSW	2	c	58	87	7	-	Sr	6	Ci.Cu	1	2		
East Fortune	1016.3	*	W	2	c	56	82	-	1-2000	S.Cu	8	-	-	*	1015.8	+1	SW	4	o	59	82	5	1-2000	Cu.Nb	9	-	-	*	1015.8	+1	SW	4	o	59	82	5	1-2000	Cu.Nb	9	-	-	*		
Flamboro Hd.	1019.5	o	SSW	3	b	52	92	4	-	-	-	-	-	*	1023.7	+2	NW	2	b	57	82	4	-	-	-	-	2	1023.7	+2	NW	2	b	57	82	4	-	-	-	-	2				
Felixstowe	1022.1	+1	NNW	2	b	59	87	6	-	-	-	-	-	3	1011.9	+1	WSW	1	c	56	92	7	2-3000	Sr	4	Ci.Cu	3	*	1011.9	+1	WSW	1	c	56	92	7	2-3000	Sr	4	Ci.Cu	3	*		
Cranwell (Lines)	1021.7	+1	-	o	bw	52	97	5	3-4000	Sr.	1	Ci.C	1	-	1023.0	+1	SW	2	cZ	57	75	?	4-5000	-	-	ACu	7	*	1023.0	+1	SW	2	cZ	57	75	?	4-5000	-	-	ACu	7	*		
Bedford	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.7	+2	N	4	z	55	97	7	-	Sr	3	-	-	*	1023.7	+2	N	4	z	55	97	7	-	Sr	3	-	-	*		
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.9	+2	WSW	1	omw	54	97	4	-	Sr	9	-	-	*	1023.9	+2	WSW	1	omw	54	97	4	-	Sr	9	-	-	*		
London (Kew Obs.)	1022.5	+1	W	1	b	58	*	*	*	*	*	*	*	*																														

\* Air Ministry Station.

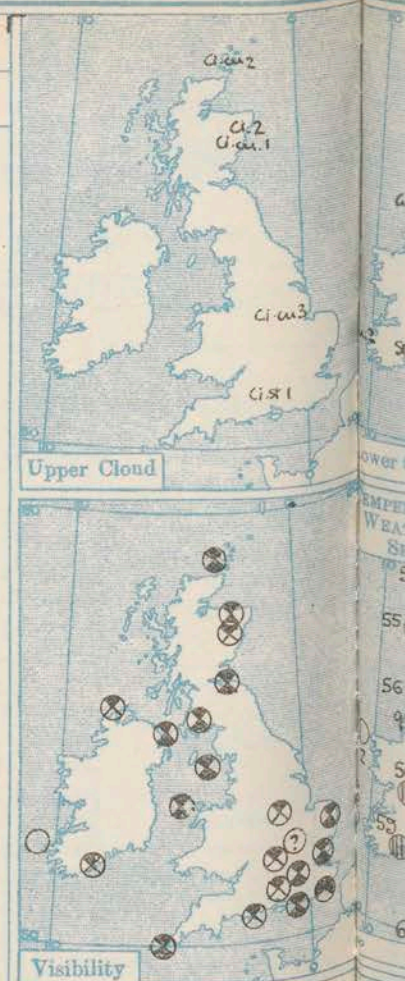
\* Information for these columns not usually received.

\* The barometric change is expressed in half millibars. § Longside + at 1H.



# SUMMARY OF CONDITIONS AT 7 A.M. Sunday, 7th September, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	W NW 0-5	Moderate	Fine to dull; local haze & mist	Var.	Smooth
2. E. England	W 5	"	Fair to fine	"	"
3. E. Midlands	N W 0-5	R. mild	Fair to cloudy	Good	"
4. W. Midlands	SW W 2-5	"	Fair to cloudy	"	"
5. S.W. England	SW NW 5-10	"	Fair to dull; local mist	"	Slight
6. South Wales	SW 10	"	Dull; drizzle	Ord.	"
7. North Wales	WSW 10-15	"	Dull; local drizzle & fog	Poor	Smooth
8. N.W. England	SW W 5-15	Moderate	Dull; local drizzle	Ord.	Slight
9. N. Midlands	SW W 5-10	Mild	Cloudy to dull	"	"
10. N.E. England	W 10-15	"	Fair, loc. mist	Ord.	Slight
11. E. Scotland	S-SW 5-15	V. mild	Cloudy to dull	"	"
12. S.W. Scotland	SW NW 10-15	"	Cloudy to dull	Fair	"
13. Isle of Man	WNW 10	Mild	Cloudy to dull	"	"
14. N. & N.W. Scotland	W 5-15	R. mild	Fair to cloudy	Ord	"
15. Hebrides	SW NW 15-20	Moderate	Fair to cloudy; squally	"	Moderate
16. Orkneys and Shetlands	SW W 15-20	R. mild	Cloudy to dull, some rain & mist	Poor	"
17. N.W. Ireland	W NW 10-15	Moderate	Fair; mist or haze	"	Slight
18. N.E. Ireland	W NW 10-15	R. mild	Fair to cloudy	Ord	"
19. S.E. Ireland	NW 5-10	"	Cloudy to dull	"	"
20. S.W. Ireland	N NW 10	"	Fair to dull	Good	"



## GENERAL INFERENCE from observations received up to 10 A.M.

A depression lying over Iceland will cause local rain or showers in the North. An anticyclone which is spreading from South west will maintain mainly fair weather in the South, but local showers or slight rain will perhaps be caused by small disturbances moving Eastward.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**—  
 ○ clear sky. ○ sky & clouded.  
 ⊙ sky & clouded. ⊙ sky & clouded.  
 ⊕ overcast sky. ⊕ rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist.  
 T thunder. R thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough. High.

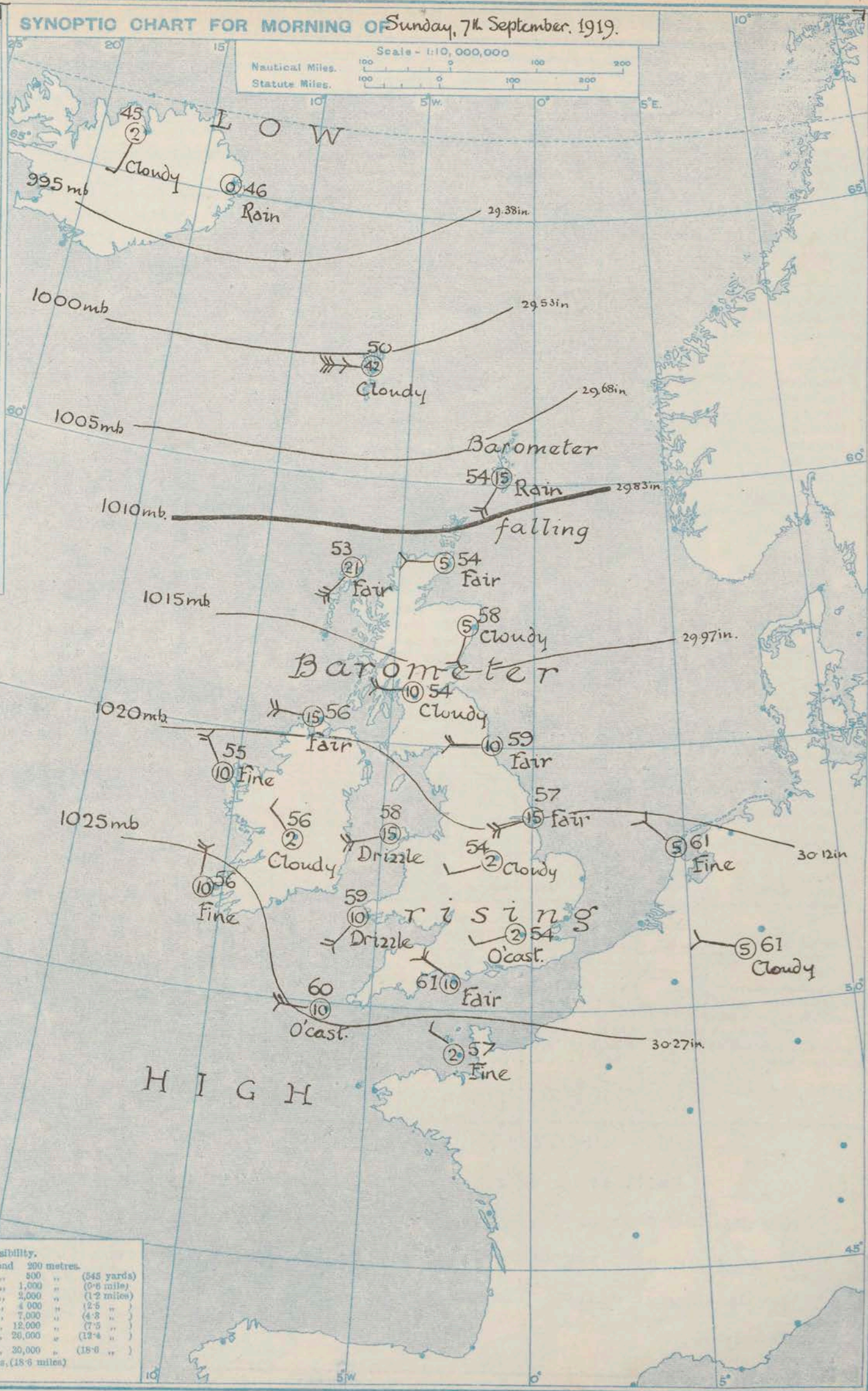
Districts.	Forecasts for the 24 hours commencing 3 p.m. Sunday, 7th September, 1919	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Light or moderate winds mainly between West and North west. Fair or cloudy, perhaps local showers. Morning mist. Temperature moderate.	Weather is likely to continue mainly fair.
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	Moderate or fresh Westerly winds. Fair but local showers. Moderate temperature.	Outlook with held.
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Westerly winds, strong at times. Changeable, some rain. Moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate West to North west winds. Fair to cloudy. Local showers; morning mist. Moderate temperature.	



SYNOPTIC CHART FOR MORNING OF Sunday, 7th September, 1919.

Scale - 1:10,000,000

Nautical Miles.  
Statute Miles.



Scale of Surface Visibility.

Objects not visible beyond 200 metres.

"	"	"	800	"	(545 yards)
"	"	"	1,000	"	(676 miles)

10	11	12	1,000	13	(0.6 mile)
14	15	16	2,000	17	(1.2 miles)

Binary	"	"	"	4 000	"	(2.5 " )
"	"	"	"	7 000	"	(4.8 " )

Ord	"	"	7,000	"	(4.8	"	)
Ord	"	"	12,000	"	(7.5	"	)

1994	"	"	20,000	"	(13.4	"	)
			20,000		(13.4		

ible beyond 30,000 metres (18·6 miles)

beyond 30,000 metres, (18.6 miles)



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. °	Day. 18h. °	to 17h. 6	Sunrise to Sun- set. 5			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h. °	Day. 18h. °	to 17h. 6	Sunrise to Sun- set. 5
Scotland.	Oban ... ..	o	ro	58	55	5	0.4	0.6	6.1	England, N.W.	Douglas (I.O.M.)								
	Banff ... ..	b	bcp	71	58	-	0.3	6.3	10.0		Blackpool ... ..								
	Montrose ... ..	bbe	bc	68	56	-	-	8.2	7.6		Southport ... ..	bccbe	bcco	64	57	-	-	5.5	2.5
	St. Andrews ... ..																		
England, N.E.	Harrogate ... ..	bc	bbe	68	56	-	-	6.8	2.8	Midlands.	Buxton ... ..	r.d.cbc	bcb	65	56	1	-	2.4	2.6
	Skegness ... ..										Leamington Spa ... ..	bccb	gbbe	71	55	5	-	6.6	0.0
											Malvern ... ..								
											Ross-on-Wye ... ..	bcw.p	bc.bcy	73	56	5	0.1	9.1	0.0
England, E.	Felixstowe ... ..	bc	bc	73	61	-	-	6.2	9.6	Wales.	Rhyl ... ..								
	Walton-on-Naze ... ..										Colwyn Bay ... ..								
	Southend-on-Sea ... ..										Llandudno ... ..								
											Aberystwyth ... ..	r.c.c	c	62	59	-	-	7.0	5.2
England, S.E.	Margate ... ..	b	bbe	71	63	-	-	7.8	11.5	England, S.W.	Weymouth ... ..								
	Ramsgate ... ..	bc	bc	70	61	-	-	7.5	11.6		Teignmouth ... ..								
	Folkestone ... ..	bc	bc	72	63	-	-	8.0	10.4		Torquay ... ..								
	Hastings ... ..	b	bbe	72	62	-	-	6.4	9.5		Paignton ... ..	bc	b	71	57	5	-	9.6	0.0
	Eastbourne ... ..	bbebc	bc	70	63	-	-	6.3	9.6		Penzance ... ..								
	Brighton ... ..										Newquay ... ..								
	Worthing ... ..	bc	bcb	68	59	0.2	-	6.2	7.1		Bude ... ..								
	Littlehampton ... ..			70	58	-	-	6.2	-		Ilfracombe ... ..								
	Bournemouth ... ..			70	59	0.1	-	7.5	3.0		Weston-s-Mare ... ..								
	Twbridge Wells ... ..			71	57	0.3	-	3.1	10.4										

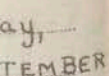
SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.		
STATIONS.		WEATHER.				Max. Temp. °F.		Min. Temp. °F.		Rainfall.		No.	Limits of Velocity.	
		7h-13h.	13h-18h.	18h-19h.	19h-7h.	°F.	°F.	°F.	°F.	Day. 7h-13h.	Night. 13h-19h.		Statute miles per hour.	Metres per second.
†Houton Bay (Orkney)		cop	op	b.0	q. r.	61	52	*	*	*	*	0	Less than 1	Less than 0.3
Eskdalemuir		bccop	opodm	oc.bcc	o. or.	61	51	4.9	2	2	2.2	1	1-3	0.3-1.5
†Stranraer		cp	cov	o	h. g.	65	54	*	*	*	*	2	4-7	1.5-3.5
†Lough Foyle		h. g.	co	bc. h.	bc. h.	62	53	*	*	*	*	3	8-12	3.5-5.4
Valencia (Cahirveen)		bbe.co	o	or. o. c.	or. o. c.	62	55	5.2	-	3	4.0	4	13-18	5.5-7.0
†Anglesey (Llangefni)		b. o	o	c. o	o	64	56	*	*	*	*	5	19-24	8.0-10.7
Falmouth		bbe	b	bv	bc. w.	69	53	4.6	-	-	11.2	6	25-31	10.8-13.8
†Calshot (Hants)		c	bbe	b	b	75	50	*	*	*	*	7	32-38	13.9-17.1
†Capel (Folkestone)		bbe.z	bccv	bv	v. b	71	52	*	*	*	*	8	39-46	17.2-20.7
Aberdeen		bcbqy	bey	bc. b. bc	bc. b. bc	70	54	4.8	-	-	9.4	9	47-54	20.8-24.4
†East Fortune		bbe	bccg	bcc	c. g.	71	52	*	*	*	*	10	55-63	24.5-28.4
Flamboro Yd.		bccp	bccw.	bccw.	bz	70	58	*	*	*	*	11	64-75	28.5-33.5
†Felixstowe		bbe	bcc	bc. bcc	bz	70	56	*	*	*	*	12	Above 75	33.6 or above
†Cranwell (Lincs)		co.bcc	bccbc	bbcw	w. bc. c.	70	49	*	*	*	*	Suffixes 0.1 and 2 attached to Beaufort letters signify intensity. 0 = slight, 2 = heavy. Underlining is used to express continuity.		
†Bedford		co.z	bccz	c. o. w.	c. o. w.	72	3	*	*	*	*			
Benson		bc	b	b	b	72	47	4.4	-	-	-	SYMBOLS: Aurora ☀ Solar halo ☼ Rime ☁ Lunar halo ☾ Glazed frost ☁ Solar corona ☼ Glazed roads ☁ Lunar corona ☼		
London (Kew Obsy.)		omc	obe	bcc. omw.	bcc. omw.	72	51	4.0	-	-	-			

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.		7 <sup>th</sup> & 8 <sup>th</sup> Sept. 1919.			
	24 HOURS ENDED 2H G.M.T. 7 <sup>th</sup>							YESTERDAY.		To-day.					
Greenwich (Royal Observatory)	o	o.c.	bc. b. om. b.	75	50	36	-	5.2	57	72	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Stations.	Sunrise.	Noon.	Sunset.
City (Bunhill Row) ... ..	*	*	*	*	*	*	*	*	*	*		G.M.T.	G.M.T.	G.M.T.	
Westminster (St. James's Park)	*	*	*	*	*	*	*	*	*	*		Yarmouth...	5.14	11.51	6.28
(Admiralty Arch)	om. bc. b. m.	bc. b	bc. w. m.	75	54	*	-	5.0	56	69		Greenwich	5.16	11.51	6.26
Camden Sq. (British Rainfall)	c	c. bc. b	*	76	51	49	-	3.9	69	80		Wick	5.23	11.58	6.33
Kensington Palace ... ..	bc	bc	*	73	52	41	-	*	65 (ish)	88	Total .....	Joules.			
											Milliwatts.				
											Average Rate.				
											Maximum Rate.				
												Valencia ...	6.3	12.39	7.13
													6.5	12.39	

## NOTES ON THE WEATHER OF YESTERDAY.

Small falls of rain occurred at Northern and Western stations but the day was fair or fine over the greater part of the Kingdom. Eleven hours of sunshine were registered at Pembroke and Scilly and seven to eight hours on the South-east coast. Temperature rose to 70° in the South and reached 75° in London.





No. 21109.B MONDAY 8<sup>th</sup> SEPTEMBER 1919

No. 21109.B MONDAY 8<sup>th</sup> SEPTEMBER 1919

† Air Ministry Station      \* Information for these columns not usually received.      ‡ The barometric change is expressed in half millibars.      § Longside † at 1st



# SUMMARY OF CONDITIONS AT 7 A.M. Monday, 8th September, 1919.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Var. 0-2	r. warm	Cloudy or dull, local mist	fair	smooth
2. E. England	Var. 0-5	Moderate	Fair to dull, local mist	ord.	smooth
3. E. Midlands	W'ly 0-2	"	Variable sky, local mist	poor	-----
4. W. Midlands	Var. 0-2	r. cool	Variable sky, local mist	ord.	-----
5. S.W. England	W. NNW 2-5	Moderate	Variable sky, mist at Portland Bill	good	smooth
6. South Wales	Var 0-2	r. cool	Fair to fine	poor	smooth
7. North Wales	S-W 0-5	Moderate	Variable sky	good	smooth
8. N.W. England	SW-W 0-5	Moderate	Fair to fine, local mist	good	smooth
9. N. Midlands	W 0-5	r. cool.	Cloudy to fine, local mist	ord.	-----
10. N.E. England	SW-W 2-10	Moderate	Fair to dull, misty	poor	smooth
11. E. Scotland	S-NW 2-10	Moderate	Cloudy to dull	good	smooth
12. S.W. Scotland	S-SW 2-5	r. warm	Dull, local mist	fair	smooth
13. Isle of Man	SW 0-5	r. warm	Fair to dull	fair	smooth
14. N. & N.W. Scot- land	SW-W 2-10	Moderate	Cloudy or dull		slight
15. Hebrides	SW 10-15	r. warm	Fair to dull, rain at Castletown		slight
16. Orkneys and Shetlands	SW 28-42	Moderate	Fair, local mist & squalls	fair	rough
17. N.W. Ireland	SSW 10	r. warm	Dull, rainy, misty.	"	slight
18. N.E. Ireland	S-SW 5-10	Moderate	Cloudy or dull, misty, local drizzle.		smooth
19. S.E. Ireland	S-SW 2-5	Moderate	Cloudy	good	smooth
20. S.W. Ireland	SE-SW 0-10	Variable	Variable sky	good	slight

GENERAL INFERENCE from observations received up to 10 a.m.

A secondary depression off NW Ireland will move NE causing some showers over Scotland and the north of England and Ireland. Elsewhere the weather will be fair or fine.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Monday, 8th September, 1919
1. S.E. England	Light indefinite to westerly breezes; fair generally, some mist; rather warm.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	Light or moderate SW or W breezes; cloudy, local showers, some mist, rather warm.
8. N.W. England	
9. N. Midlands	Moderate SW or W breeze; fair or dull, some mist, moderate temperature.
10. N.E. England	
11. E. Scotland	Moderate SW to W breeze; mainly dull, some rain, misty; moderate temperature.
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scot- land	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	Light SW or W breezes; fair or dull, some mist, rather warm.
20. S.W. Ireland	

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrow flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**  
 ○ clear sky. ○ sky & clouded.  
 ⊙ sky & clouded. ⊙ sky & clouded  
 ⊕ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist  
 T thunder. T thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough High

Further Outlook.

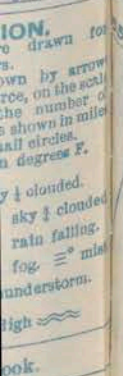
Uncertain



Scale - 1:10,000,000

Nautical Miles. 100 0 100 200

Statute Miles. 100 0 100 200



Scale of Surface Visibility.					
	Objects not visible beyond	200 metres.			
1. Very Bad		500			(545 yards)
2. Bad		1,000			(0.6 mile)
3. Very Poor	"	2,000	"		(1.2 miles)
4. Poor	"	4,000	"		(2.5 " )
5. Indif. } Ordinary	"	7,000	"		(4.3 " )
6. Fair	"	12,000	"		(7.5 " )
7. Good, above ord.	"	30,000	"		(22.4 " )
8. Vy. gd., unusual	"	30,000	"		(18.0 " )
9. Excep. good	"	30,000	"		
10. Objects visible beyond	30,000 metres,				(18.6 miles)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 251. B

MONDAY

8<sup>th</sup> SEPTEMBER 1919

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. 12h-1h.	Day. 9h-12h.	to 17h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-1h.	Day. 9h-12h.	to 17h.	Sunrise to Sunset.
Scotland.									England, N.W.								
Oban ...	b.	b.	64	49	0.3	-	8.7	6.3	Douglas (I.O.M.)								
Banff ...									Blackpool ...								
Montrose ...									Southport ...								
St. Andrews ...																	
England, N.E.									Midlands.								
Harrogate ...	odc	cb.	67	51	-	0.4	4.9	7.1	Buxton ...	cbop	cb.	66	49	-	-	1.0	7.6
Skegness ...									Leamington Spa ...	cbop	cb.	67	51	-	-	1.7	9.6
									Malvern ...	cbop	cb.	67	51	-	-	1.7	9.6
									Ross-on-Wye ...	cbop	cb.	67	51	-	-	1.7	9.6
England, E.									Wales.								
Felixstowe ...	bc	bc	73	53	-	-	9.7	6.9	Rhyl ...	p.	bc	62	54	0.3	0.2	4.1	-
Walton-on-Naze ...	bwm	bcc	74	51	-	-	8.2	-	Colwyn Bay ...	p.	bc	63	57	-	-	3.6	-
Southend-on-Sea ...									Llandudno ...	op	bc	63	57	1	1	4.0	-
									Aberystwyth ...								
England, S.E.									England, S.W.								
Margate ...	b.	b.	68	51	-	-	10.7	7.5	Weymouth ...								
Ramsgate ...	bcbz	bz	68	57	-	-	10.5	8.0	Teignmouth ...								
Folkestone ...	b.	b.	70	52	-	-	11.4	7.0	Torquay ...	oc	cbcc	66	53	-	-	1.7	-
Hastings ...	b.	b.	71	61	-	-	6.6	6.3	Paignton ...								
Eastbourne ...	b.	b.	67	53	-	-	10.4	-	Penzance ...	adm.	omcbe	66	54	-	0.4	1.8	-
Brighton ...	bcb.	bcb.	68	50	-	-	10.5	6.8	Newquay ...	d	cbc	64	53	-	0.4	1.3	-
Worthing ...			69	50	-	-	9.2	-	Bude ...								
Littlehampton ...			68	49	-	-	7.5	7.7	Ilfracombe ...								
Bournemouth ...	b.	b.	72	47	-	-	9.2	3.6	Weston-s-Mare ...								
Tunbridge Wells ...																	

## SUMMARIES FOR THE 24 HOURS.

STATIONS.	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	RAINFALL.		Sun. Hours.
	7h-12h.	12h-18h.	18h-7h.	7h-12h.				Day. 7h-18h.	Night. 18h-7h.	
†Houton Bay (Orkney)...	c.o.	bc.co	b.	z	56	49	*	*	*	*
Eskdalemuir ...	ormcbq	by.bc	bcq.bcn	owom	61	44	4.0	1	-	9.2
†Stranraer ...	bcb.g.	b. bc.	c	o	64	45	*	*	*	*
†Lough Foyle ...	bccz	b. bcz.	b. bc.	h. q	62	52	*	*	*	*
Valencia (Cahirveen) ...	bcc	b	b. bc.	h. q	62	47	4.4	-	-	11.4
†Anglesey (Llangefni) ...	c.o. fd.	bcbz	bcc	bc.c.v.	63	39	*	*	*	*
Falmouth ...	adsem	om.bcc	c.o	o.c.bcn	67	34	4.5	-	-	1.2
†Calshot (Hants) ...	bcc	bcc	b.	b.o.	69	50	*	*	*	*
†Capel (Folkestone)...	bba.z	bba.z	c.o	b. bcz.	70	52	*	*	*	*
Aberdeen ...	bcq.vy	bcq.vy	bc.c.o.	bc.c.o.	66	52	4.5	-	-	10.1
†East Fortune ...	b. bc.	bz	coz	c.o	68	52	*	*	*	*
†Flamboro Head ...	bc.c. h.	bbc	bw	bc.c.	70	47	*	*	*	*
†Felixstowe ...	b. bc. z.	bcc	c.o	bc.c. om.	72	55	*	*	*	*
†Cranwell (Lincs) ...	bc.c.	cbbc	bw	v. b. bc.	64	40	*	*	*	*
†Bedford ...	oz	c	o	om. w.	72	47	*	*	*	*
Benson ...	bc	c	o	o.	67	53	4.8	-	-	*
London (Kew Obsv.) ...	om.w. bc	bc.co	om.o.	om.o.	68	53	-	-	-	5.7

## 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.

## THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
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	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.5
12	Above 75	33.6 or above

Suffixes 0.1 and 2 attached to Beaufort letters signify intensity, 0=slight, 2=heavy. Underlining is used to express continuity.

## SYMBOLS—

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

## LONDON OBSERVATIONS.

	WEATHER.			T.	T.	T.	WIND.	HOURS.		
	Morning.	Afternoon.	Night.					G.M.T.	G.M.T.	G.M.T.
	24 HOURS ENDED 9h G.M.T. ... 8 <sup>th</sup>							YESTERDAY.	TODAY.	
Greenwich (Royal Observatory)	b	bc.co	c.	74	57	51	-	6.6	65	74
City (Bunhill Row) ...	*	*	*	*	*	*	-	6.8	65	74
Westminster (St. James's Park)	*	*	*	72	59	54	-	6.3	65	74
" (Admiralty Arch)	bm. bc.	c. oz.	om. u. cz.	73	59	56	-	6.5	66	71
Camden Sq. (British Rainfall)	*	*	*	75	57	56	-	6.3	66	71
Kensington Palace ...	b.	bc. o	*	71	57	53	-	*	75 (8h)	70

## SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.	YESTERDAY.		To-day.
	YESTERDAY.	TO-DAY.	
Total ...	1347	Joules.	
Average Rate.	28.4	Milliwatts.	
Maximum Rate.	67		

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

8 <sup>th</sup> & 9 <sup>th</sup> Sept. 1919.			
Stations.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	5.16	11.51	6.26
	5.17	11.50	6.23
Greenwich ...	5.25	11.58	6.31
	5.26	11.57	6.28
Wick ...	5.28	12.10	6.51
	5.30	12.9	6.48
Valencia ...	6.5	12.39	7.13
	6.6	12.38	7.10

## NOTES ON THE WEATHER OF YESTERDAY.

The temperature slightly exceeded 70° locally in the south and east of England. At Lerwick the total fall of rain amounted to 7mm, and was 4mm at Blackpool Point, but elsewhere there was little or none. The records of bright sunshine were good in almost all districts, the total reaching or even exceeding 10 hrs. at a number of stations. There was some coastal fog.





METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.

No. 21,119.B ... TUESDAY, 9<sup>TH</sup> SEPTEMBER 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																												
STATIONS.	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.	Amt. 0-10.	Upper Cloud. Form.	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.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.
	m.b.	hours.													m.b.	hours.												
13H. G.M.T. OF 8 <sup>TH</sup>															18H. G.M.T. OF 8 <sup>TH</sup>													
†Houton B. (Orkney)	1015.5	0	SW	5	of <sub>1</sub>	54	92	4	3-4000	St. Cu	0	A. St	3	5	1014.6	-2	SE	2	of <sub>1</sub>	52	98	2	1-1500	Cu. Nb	10	-	-	1
Esksdalemuir	1022.8	0	SSW	4	om.	55	82	5	1-2000	Nb	10	-	-	*	1022.0	-1	S	2	odm	56	98	3	1-1000	Nb	10	-	-	*
†Stranraer	1022.5	-1	SSE	1	C	56	92	5	2-3000	St	8	-	-	*	1021.9	-1	SSW	7	3.	60	98	6	3-4000	St. Cu	9	-	-	*
†Lough Foyle	1019.2	-1	WSW	8	0	60	98	5	1-1000	St	10	-	-	5	1019.3	0	WSW	7	3.	60	98	6	1-1500	Cu. Nb	10	-	-	5
Valencia (Cahire'n)	1026.3	0	SW	3	0	64	87	5	1-1000	St	10	-	-	4	1026.4	0	SSW	3	om.	62	98	6	1-1000	St	10	-	-	4
†Anglesey (Llangefni)	1026.2	+1	SW	4	0	62	65	8	3-4000	St	10	-	-	5	1025.4	-1	WSW	4	0	59	87	6	3-4000	St	10	-	-	5
Falmouth	1027.8	-1	SE	2	b. y	60	55	7	-	Cu	1	-	-	*	1027.8	0	NNW	2	b. y	62	55	10	-	-	-	-	*	
†Calshot (Hants)	1027.3	-1	SSW	3	0	65	82	7	5-7000	Cu	3	-	-	4	1027.3	0	SSW	3	b.	63	92	6	4-5000	St. Cu	5	-	-	3
†Capel (Folkestone)	1027.6	-1	SSW	2	0	64	87	5	3-4000	Cu	4	A. St	4	2	1027.2	0	SSW	2	v	61	92	8	-	-	Ci	7	3	
Aberdeen	1018.7	-2	SSE	3	bc3	63	68	6	-	St. Cu	1	Ci. Cu	4	2	1016.2	-3	SSW	3	om.	59	75	6	-	St. Cu	10	-	-	2
†East Fortune	1021.1	-2	SW	4	0	61	75	5	2-3000	St. Cu	9	-	-	*	1018.8	-5	SW	5	0	62	75	5	1-2000	St. Cu	9	-	-	*
†Flamborough Head	1024.1	-2	SW	3	3	65	55	4	4-5000	St. Cu	3	Ci. St	3	*	1023.2	0	WSW	4	C	62	65	5	5-7000	St. Cu	1	Ci. Cu	7	*
†Felixstowe	1026.7	-1	SW	3	bc	68	75	5	4-5000	St. Cu	2	A. St	3	3	1026.1	0	WSW	2	C	65	87	5	4-5000	St. Cu	5	F. Ci	3	6
†Cranwell (Lincs)	1025.6	-1	WSW	1	3	67	65	5	2-3000	St	2	Ci	2	*	1024.8	0	-	0	C	63	82	6	3-4000	St	3	Ci	4	*
†Bedford	1026.2	-1	WSW	4	bc	68	55	3	4-5000	R. Cu	4	Ci. St	2	*	1025.8	0	W	1	3	67	55	4	3-4000	St	1	Ci	5	*
Benson	1026.0	-2	WNW	1	C	70	75	6	*	*	*	*	*	*	1025.8	0	W	1	b.	66	75	6	-	-	-	-	*	
London (Kew Ob.)	1026.4	-2	W	2	bc	71	65	7	-	Cu	6	-	-	*	1026.0	0	W	1	b.	71	65	7	-	Cu	1	Ci	2	*
1H. G.M.T. OF 9 <sup>TH</sup>															7H. G.M.T. OF 9 <sup>TH</sup>													
†Houton B. (Orkney)	1010.6	-4	SW	?	rq	52	92	2	2-3000	St. Cu	10	-	-	-	1015.8	+1	-	-	od	59	98	3	2500	St.	10	-	-	*
Esksdalemuir	1021.7	0	SW	4	odm	58	98	3	1-1500	Nb	10	-	-	*	1023.0	+2	SW	4	od	57	92	5	1-2000	Nb	10	-	-	*
†Stranraer	1022.7	+1	SW	2	C	59	98	4	2-3000	St	6	A. Cu	2	*	1023.8	+1	SSW	1	0	60	98	8	1-1500	St.	9	-	-	*
†Lough Foyle	1022.4	0	-	0	bc	61	*	*	*	*	*	*	*	2	1021.8	+1	WSW	6	rq	57	98	0	4500	Cu. Nb	10	-	-	5
Valencia (Cahire'n)	1028.4	0	-	0	bc	61	*	*	*	*	*	*	*	2	1026.6	+1	SSW	2	0	60	98	6	1-1000	St.	10	-	-	3
†Anglesey (Llangefni)	1026.0	0	WSW	4	of <sub>1</sub>	58	92	0	1-2000	St	10	-	-	5	1026.6	+1	WSW	1	0	58	92	5	1-2000	St.	10	-	-	1
Falmouth	1028.2	0	NW	1	b. w	54	98	5	-	-	-	-	-	*	1028.7	+1	-	0	b. p	53	98	0	-	-	-	-	*	
†Calshot (Hants)	1027.7	0	SW	1	b.	55	82	6	-	-	-	-	-	2	1028.8	+1	-	0	b	57	92	3	-	-	-	-	2	
†Capel (Folkestone)	1027.5	0	NW	2	3.	61	87	3	-	-	-	-	-	2	1028.5	+2	WSW	2	ef <sub>2</sub>	56	98	0	-	St.	10	-	-	2
Aberdeen	1016.7	-2	SSW	3	0	59	65	3	2-3000	Nb	10	-	-	*	1019.4	+4	W	2	0	58	65	7	-	St. Cu	10	-	-	2
†East Fortune	1019.7	?	SW	5	0	61	87	-	1-2000	Nb	9	-	-	*	1021.5	+4	SW	3	0	59	82	5	1-2000	St.	9	-	-	*
†Flamborough Head	1024.0	0	W	3	0	58	82	5	3-4000	St. Cu	8	Ci. St	2	*	1023.9	+2	WSW	4	C	59	87	5	5-7000	St. Cu	2	Ci. St	6	*
†Felixstowe	1026.8	0	NW	3	bc	61	87	-	4-5000	St	4	-	-	3	1027.5	+2	NW	2	bc	57	92	3	-	-	A. St	5	2	
†Cranwell (Lincs)	1025.6	0	WSW	2	b.	55	92	5	3-4000	St	1	Ci. St	2	*	1026.4	+1	W	1	0	56	98	5	1-2000	St.	6	A. St	3	*
†Bedford	1027.7	0	W	2	bc3	59	75	-	-	-	-	-	-	*	1027.7	+4	W	2	bc3	59	75	-	-	-	Ci. St	5	*	
Benson	1026.0	*	*	*	*	*	*	*	*	*	*	*	*	*	1027.3	+2	-	0	o. e. m	50	98	4	-	St.	10	-	-	*
London (Kew Ob.)	1027.1	0	W	1	b. w	60	*	*	*	*	*	*	*	*	1028.1	+2	SW	2	b. m. w	55	92	4	-	-	Ci. St	1	*	
STATIONS CONTRIBUTING REPORTS AT 7H AND 18H.																												
STATIONS.	BAROM. at M.S.L.	TEMP. °F.	WIND. Direc.	Force 0-12.	Weather	BAROMETER. at M.S.L.	TEMPERATURE. Temp. °F.	WIND. Direc.	Force 0-12.	Weather	Sea 0-9.	RAINFALL mm.	TEMP. Max. °F.	TEMP. Min. °F.	WEATHER. Morning.	WEATHER. Afternoon.	WEATHER. Night.	Sunshine Hours.										
	m. b.	°F.	Direc.	Force 0-12.	Weather	m. b.	°F.	Direc.	Force 0-12.	Weather	Sea 0-9.	mm.	°F.	°F.	Morning.	Afternoon.	Night.	Hours.										
18H. G.M.T. OF 8 <sup>TH</sup>																			7H. G.M.T. OF 9 <sup>TH</sup>									
Lerwick	1012.8	53	WSW	3	bc m	1010.8	54	W	4	omd	3	2	56	51	bc m	bc m	omd	*										
Stornoway	1012.1	59	SW	4	bc	1019.6	54	W	3	bc	2	1	59	54	bc. op	op. bc	o. bc	0.1										
Castlebay (Barra's)	1016.0	57	W	4	od	1020.6	56	W	3	0	3	2	58	53	r	r. d.	do	0.0										
Glasgow	1019.3	59	SW	4	om	1022.0	57	SW	3	0	*	2	61	52	omr	omd. p	om. omp	0.0										
Malin Head	1018.1	60	SSW	4	om	1022.1	60	SW	4	bc m	3	1	63	58	omr	om	om. cd	*										
Blacksod Point	1021.3	61	SW	3	om	1027.2	59	-	0	f	1	0.3	64	52	b. o	of	of. of.	*										
Roche's Point	1026.8	60	SSW	2	of	1026.2	59	SW	1	0	*	Trace	64	52	om	m. o	o	0.0										
Birr Castle	1024.6	63	W	1	0	1023.4	59	WSW	3	bc m	3	-	70	56	cgm	bc m	bc m	*										
Donaghadee	1021.4	67	WSW	3	cgm	1026.1	60	WSW	3	0	1	-	68	49	bc	bc	a. c. o	7.7										
Liverpool (Bidston)	1024.6	64	W	3	bc	1026.2	59	WSW	2	W	0	Trace	63	55	bc3	bc3	cq	4.6										
Holyhead	1025.2	59	SW	4	cq	1027.9	59	WSW	1	ofe	1	0.3	63	55	b	b	bc. ofe	11.5										
Pembroke (St. Ann's Head)	1027.6	60	SW	2	bv	1028.5	57	-	0	bc	2	-	67	56	bc. b	b	bc	11.1										
Scilly (St. Mary's)	1028.7	65	NW	1	b	1028.2	58	-	0	f	0	-	69	56	bc. c. b	b	bc. w. fe	9.3										
Jersey (St. Aubin)	1027.2	64	NW	2	b	1027.1	64	ENE	2	bc	2	-	65	60	m. bc	bc	bc	*										
Portland Bill	1026.9	64	WSW	1	bc	1027.4	60	WSW	3	0	2	-	70	53	c. bc	bc. cf	f. b. f. o	*										
Dungeness	1027.																											

† Air Ministry Station.

\* Information for these columns not usually received.

The barometric change is expressed in half millibars. § Longside † at 1h.



# SUMMARY OF CONDITIONS AT 7 A.M. Tuesday, 9th September, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW 0-10	r.warm	Variable sky, local mist	poor	smooth
2. E. England	W-NW 2-5	"	Fair to dull, local haze.	"	smooth
3. E. Midlands	SW 0-5	"	Cloudy or dull, misty	ord.	"
4. W. Midlands	Var. 0-5	"	Cloudy or dull	"	"
5. S.W. England	WN 0-5	Moderate	Fair or fine, local fog	var.	smooth
6. South Wales	SW 2-5	r.warm	Dull, local drizzle or fog	poor	smooth
7. North Wales	SW-W 2-5	"	Cloudy or dull	fair	smooth
8. N.W. England	SW 10-15	"	Dull	good	smooth
9. N. Midlands	SW 2-10	"	Cloudy or dull, local mist	fair	"
10. N.E. England	SW-W 5-15	"	Cloudy or dull, mist in N.	fair	smooth
11. E. Scotland	SW-W 0-10	"	Cloudy or dull	good	smooth
12. S.W. Scotland	SW 5-15	warm	Dull, local drizzle & mist	good	smooth
13. Isle of Man	SW-W 5-15	r.warm	Fair to dull	fair	smooth
14. N. & N.W. Scotland	W 0-5	"	Cloudy or dull, local mist	"	smooth
15. Hebrides	W 10	"	Fair to dull	"	smooth
16. Orkneys and Shetlands	SW-W 15-30	Moderate	Dull, local squalls drizzle and mist.	fair	var.
17. N.W. Ireland	SW 15	r.warm	Fair, misty	v.poor	slight
18. N.E. Ireland	SW-W 10-20	"	Fair to dull, local squalls, rain & mist.	v.bad	slight
19. S.E. Ireland	SW 2-5	warm	Cloudy or dull	fair	smooth
20. S.W. Ireland	SSW 0-5	r.warm	Dull, local fog	var.	slight

GENERAL INFERENCE from observations received up to 10 a.m.

An anticyclone over England and France is becoming larger and fair or fine weather may be expected over the British Isles generally.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**—  
 ○ clear sky. ○ sky & clouded.  
 ⊙ sky & clouded. ⊙ sky & clouded.  
 ⊕ overcast sky. ● rain falling.  
 \* snow. ▲ hail. = fog. = mist.  
 T thunder. F thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough ~~~~~ High ~~~~~

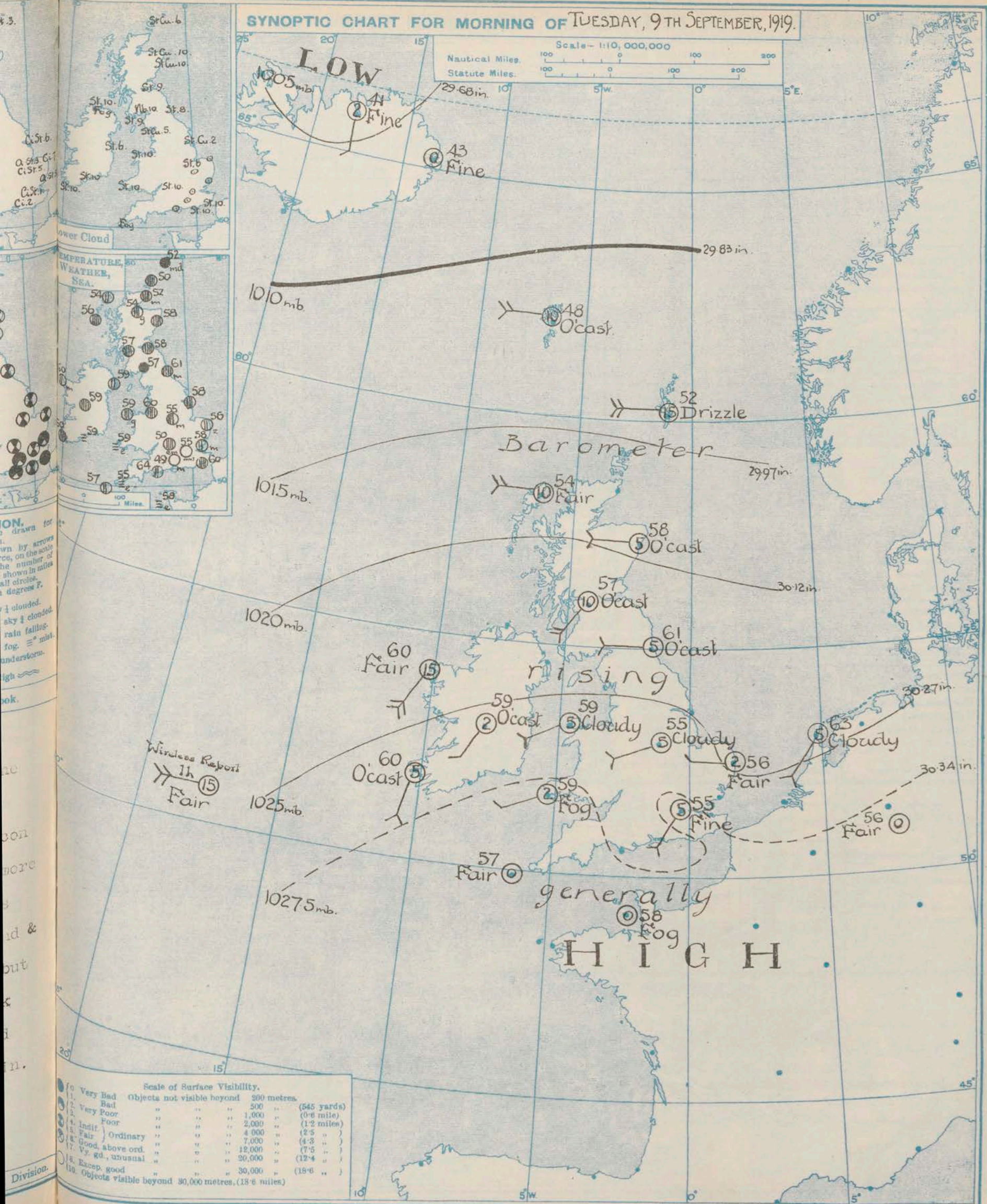
Further Outlook.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Tuesday, 9th September, 1919	Further Outlook.
1. S.E. England	Light indefinite breezes; fair or fine; some mist or fog at night; rather warm.	Fair or fine weather is likely to continue for more than 24 hrs over England & Scotland, but the outlook for Ireland is uncertain.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales		
7. North Wales	Light westerly breezes; fair generally, some mist, rather warm.	
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. E. Scotland		
12. S.W. Scotland		
13. Isle of Man	Light SW breeze; fair generally, some mist; rather warm.	
14. N. & N.W. Scotland		
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland	Same as districts 7-16	
20. S.W. Ireland	Same as district 17	



# SYNOPTIC CHART FOR MORNING OF TUESDAY, 9TH SEPTEMBER, 1919.

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



## Scale of Surface Visibility.

0	Very Bad	Objects not visible beyond	200 metres.
1	Bad	"	500 "
2	Very Poor	"	1,000 "
3	Poor	"	2,000 "
4	Indist.	"	4,000 "
5	Fair	"	7,000 "
6	Good, above ord.	"	12,000 "
7	Vy. gd., unusual	"	20,000 "
8	Except. good	"	30,000 "
9	Objects visible beyond	30,000 metres,	(18.6 miles)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 252B

Tuesday, 9th SEPTEMBER.

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-19h.	Day. 9h-17h.	to 17h. 8th.	Sunrise to Sunset. 7th.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-19h.	Day. 9h-17h.	to 17h. 8th.	Sunrise to Sunset. 7th.
Scotland.																	
Oban ...	b. bc	or	59	53	1	8	0.0	?									
Banff ...	b	bc. b	64	49	-	-	0.5	10.2									
Montrose ...	o	o	67	51	-	-	0.8	?									
St. Andrews ...	o	c	61	51	-	-	0.4	?									
England, N.E.																	
Harrogate ...	bc. b	bc	66	44	-	-	5.2	6.4									
Skegness ...	b. bc	bc	70	44	-	-	9.6	?									
Scarborough ...	*	*	67	49	-	-	5.8	?									
England, E.																	
Felixstowe ...	bc	bc	68	54	-	-	4.7	9.7									
Walton-on-Naze ...	om. bc	b. bc	73	59	-	-	6.4	8.2									
Southend-on-Sea ...																	
England, S.E.																	
Margate ...	c	c. bc. c	72	59	-	-	2.4	?									
Ramsgate ...	*	c	70	57	-	-	3.6	10.9									
Folkestone ...	c. bc. m.	bc. c	70	55	-	-	5.7	11.0									
Hastings ...																	
Eastbourne ...	o. bc. b	b	68	58	-	-	7.8	7.3									
Brighton ...	o. b	b. o	69	60	-	-	7.7	10.4									
Worthing ...	c. bc	bc	70	60	-	-	8.1	10.5									
Littlehampton ...	*	*	70	59	-	-	7.0	?									
Bournemouth ...	*	*	70	56	-	-	7.0	7.5									
Bournemouth ...	om. c. bc	bc. b	73	56	-	-	5.4	9.2									
England, S.W.																	
Douglas (I.O.M.) ...	*	*	64	47	-	-	0.9	?									
Blackpool ...	*	bc. m. c	65	44	-	-	4.1	?									
Southport ...	bc. b. bc	c. o. c	65	45	-	-	4.3	?									
Midlands.																	
Buxton ...	bc. b	bc. b	66	41	-	-	9.8	?									
Leamington Spa ...	bc	bc	69	45	-	-	8.8	1.3									
Malvern ...																	
Ross-on-Wye ...	bc. b. bc	bc	72	52	-	-	10.3	1.7									
Wales.																	
Rhyl ...	b	?	69	41	-	-	7.8	5.5									
Colwyn Bay ...	*	*	70	45	-	-	7.9	5.4									
Llandudno ...	b	c	66	44	-	-	4.6	4.9									
Aberystwyth ...	c. b	b. bc	65	59	-	-	10.0	?									
England, S.W.																	
Weymouth ...	om	m. bc. b	71	61	-	-	3.7	?									
Teignmouth ...	bc	b	71	59	-	-	9.0	?									
Torquay ...	b. bc	b	69	59	-	-	9.3	2.0									
Paignton ...	b	b	72	59	-	-	9.2	?									
Penzance ...	bc. b	b	69	55	-	-	10.1	1.8									
Newquay ...	b	b	64	54	-	-	10.2	1.3									
Bude ...	b	b	66	49	-	-	10.5	?									
Ilfracombe ...	b	b	64	53	-	-	10.8	?									
Weston-s-Mare ...	3. b	b	67	56	-	-	10.0	?									

## SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	7h-12h. 8th.	12h-18h. 8th.	Max. Temp. °F.	Min. Temp. °F.	Day. 7h-18h.	Night. 18h-7h.	Hours.	Sun.
†Houton Bay (Orkney)...	bc. c	o. p.	53	49	*	*	*	*
Eskdalemuir ...	om. o. m.	o. m.	63	48	*	*	*	*
†Stranraer ...	c. o. n.	c. o.	63	45	0.4	0.2	0.0	0.0
†Lough Foyle ...	p. o.	p. g.	62	52	*	*	*	*
Valencia (Cahirciveen) ...	o. d. o.	o. d. o.	65	58	1	-	0.0	0.0
†Anglesey (Llangefni) ...	c. o.	c. o.	63	45	*	*	*	*
Falmouth ...	bc. c	bc. b. g. v.	70	51	46	-	10.5	10.5
†Calshot (Hants) ...	bc. c	bc. c	70	52	*	*	*	*
†Capel (Folkestone) ...	f. c	w. e. f.	66	55	*	*	*	*
Aberdeen ...	o. p. bc	bc. o. j.	65	53	53	0.2	-	1.8
†East Fortune ...	c. o. g.	c. g.	64	52	*	*	*	*
†Flamborough Head ...	bc. c.	bc. c.	69	47	*	*	*	*
†Felixstowe ...	bc. c.	bc. c.	72	51	*	*	*	*
†Cranwell (Lincs) ...	3. b. bc	b. bc. bc. c	68	51	*	*	*	*
†Bedford ...	bc. c.	bc. c.	72	47	*	*	*	*
Benson ...	c. bc	bc. b	72	46	40	-	-	*
London (Kew Obsy.) ...	om. c. m. bc	bc. b	73	53	43	-	0.1	6.5

## 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.

## THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
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	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.5
12	Above 75	33.6 or above

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 2=heavy. Underlining is used to express continuity.

## SYMBOLS—

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

## LONDON OBSERVATIONS.

	morning.		Afternoon.	Night.	F.	F.	F.	mm.	Hours.	10 h.	9 h.
	24 HOURS ENDED 9h G.M.T. ....								YESTERDAY.	G.M.T.	G.M.T.
Greenwich (Royal Observatory)	c	c	bc. b. m. w.	78	52	41	-	7.0	60	75	
City (Bunhill Row) ... ..	*	*	*	*	*	*	*	5.6	*	*	
Westminster (St. James's Park)	*	*	*	75	53	46	-	6.8	60	72	
" (Admiralty Arch)	c3. bc	bc3	b. m. w.	75	55	*	-	6.5	60	70	
Camden Sq. (British Rainfall)	om. c3. bc	bc	*	76	53	52	-	6.4	59	82	
Kensington Palace ... ..	bc	bc	*	74	53	43	-	*	63	80	

## SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.	YESTERDAY.		TO-DAY.	
	15 h. G.M.T.	9 h. G.M.T.	15 h. G.M.T.	9 h. G.M.T.
Total ...	11.25	Joules.		
Average Rate.	23.9	Milliwatts.		
Maximum Rate.	68			

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

9th & 10th September, 1919.			
Stations.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	5.17	11.50	6.23
	5.19	11.50	6.21
Greenwich ...	5.26	11.57	6.28
	5.28	11.57	6.26
Wick ...	5.30	12.5	6.46
	5.32	12.9	6.46
Valencia ...	6.6	12.38	7.40
	6.8	12.38	7.8

## NOTES ON THE WEATHER OF YESTERDAY.

The temperature reached 73° in parts of southeast England and 70° at Donaghadee.

In Scotland and Ireland there was little bright sunshine, but over 10hrs were recorded in many parts of England. About 2in of rain fell at several Scottish stations, and 1in at Valencia, in Ireland. Mist or fog was of common occurrence in England and Ireland, especially on the coast.

† Air Ministry Station.

\* Information for these columns not usually received.

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Friday  
September



# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT, BRITISH SECTION.

No 2111.B WEDNESDAY, 10<sup>TH</sup> SEPTEMBER 1919.

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

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																																		
STATIONS.	BAROM.	1	WIND.		Weather	TEMP.	Humidity.	Visibility.	Height of Low Cloud	Low Cloud.		Upper Cloud.		Sea	BAROM.	1	WIND.		Weather	TEMP.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea						
	at M.S.L.	Change in 3 hours.	Dir.	Force 0-12.		°F.				0-10.	Feet.	Form.	Amt. 0-10.		Form.	Amt. 0-10.	0-9.	at M.S.L.		Change in 3 hours.				Dir.	Force 0-12.	°F.	0-10.		Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.
	m.b.																			m.b.														
13H. G.M.T. OF 9 <sup>TH</sup>															18H. G.M.T. OF 9 <sup>TH</sup>																			
†Houton B. (Orkney)	1019.1	+	WSW	4	c	56	82	7	2-3000	Cu.Nb	4	Ci	3	4	1018.9	0	SE	2	ef <sub>2</sub>	50	98	2	1-500	Cu.Nb	8	-	-	4						
Eskdalemuir ...	1024.7	+	SW	4	o	61	87	6	1½-2000	Nb	10	-	-	*	1025.2	+	NNW	4	bc	58	87	6	1½-2000	St	5	-	-	*						
†Stranraer ...	1024.9	0	SSW	2	b	67	87	5	4-5000	Cu	2	Ci St	1	*	1024.8	0	SSW	3	bc	59	92	5	3-4000	St.Cu	5	Ci St	1	*						
†Lough Foyle ...	1023.5	0	WSW	5	o	58	92	6	1½-2000	St.Cu	9	-	-	4	1023.1	+	WSW	6	bc	60	82	7	2-3000	St.Cu	6	-	-	4						
Valencia (Cahire'n)	1027.1	+	S	3	o	52	92	7	1-1500	St	9	-	-	3	1025.9	-2	S	4	bc	61	82	10	2-3000	Cu	4	-	-	3						
†Anglesey (Llangefni)	1027.2	-1	SW	4	b	66	65	8	3-4000	F.Cu	2	Ci	1	4	1027.1	0	SSW	4	q	60	92	8	2-1000	St.Cu	9	-	-	4						
Falmouth ...	1028.9	0	SE	3	b	64	75	7	-	-	-	-	-	*	1028.1	-2	SSE	1	b <sub>3</sub>	61	87	6	-	-	-	-	*							
†Calshot (Hants) ...	1029.2	0	SSW	2	b	70	75	7	-	-	-	-	-	7	1028.4	-1	WSW	1	b <sub>3</sub>	65	82	7	-	-	-	-	4							
†Capel (Folkestone)	1029.8	+	SSW	3	ef <sub>2</sub>	60	92	0	<500	St	10	-	-	4	1028.8	-1	SW	2	ef <sub>2</sub>	59	98	2	2-1000	St	5	-	-	2						
Aberdeen ...	1021.5	+	SE	3	bcy	68	55	8	-	St.Cu	6	-	-	2	1020.4	-1	SSW	3	bc <sub>3</sub>	65	75	6	-	St.Cu	1	A.Cu	5	2						
†East Fortune ...	1023.2	+2	SW	2	o	63	82	5	2-3000	St.Cu	8	A.St	1	*	1023.2	0	WNW	2	c	64	82	4	3-4000	St.Cu	7	-	-	*						
†Framborough Head	1025.5	+	W	3	b	69	65	8	-	-	-	A.Cu	3	*	1026.2	+	SSW	1	bc	63	75	6	-	-	-	Ci St	4	*						
†Felixstowe ...	1028.4	0	SW	3	3	71	65	3	-	-	-	Ci	3	3	1028.4	0	WSW	2	b	65	87	5	-	-	-	A.Cu	1	3						
†Cranwell (Lines)	1027.4	0	-	0	3	68	75	5	4-5000	Cu	3	A.St	2	*	1026.8	0	-	0	om	66	87	5	3-4000	St	2	Ci	1	*						
†Bedford ...	1027.6	0	WSW	2	3	72	65	7	5-7000	F.Cu	1	Ci St	4	*	1028.3	0	WSW	2	3	71	65	10	-	-	-	-	-	*						
Benson ...	1027.8	0	-	0	b	74	65	7	-	-	-	-	-	*	1026.4	+	-	0	b <sub>3</sub>	70	82	8	-	-	-	-	-	*						
London (Kew Obs.)	1028.7	0	SW	2	b <sub>3</sub>	71	55	6	-	-	-	Ci St	1	*	1027.8	0	WSW	1	b	72	55	7	-	-	-	-	-	*						
1H. G.M.T. OF 10 <sup>TH</sup>															7H. G.M.T. OF 10 <sup>TH</sup>																			
†Houton B. (Orkney)	1016.1	-2	S	7	d	54	98	0	1-1500	Cu.Nb	7	A.St	3	4	1016.1	+	SSE	4	bc	57	92	5	3-4000	St.Cu	3	A.St	3	3						
Eskdalemuir ...	1025.0	0	SW	3	ome	56	98	2	2-1000	St	10	-	-	*	1023.7	-1	SSW	5	ome	54	98	2	2-500	Nb	10	-	-	x						
†Stranraer ...	1025.0	0	-	0	bc	55	98	4	3-4000	St.Cu	6	-	-	*	1023.9	0	S	3	em	54	98	2	1-500	St	10	-	-	*						
†Lough Foyle ...	1027.4	-2	WSW	3	bcy	57	*	*	*	*	*	*	*	0	1021.0	-2	SSW	4	o	56	92	7	1-1500	St.Cu	9	-	-	4						
Valencia (Cahire'n)	1027.4	-2	WSW	3	bcy	57	*	*	*	*	*	*	*	0	1022.1	-3	SSE	2	b	59	82	10	-	-	-	-	3							
†Anglesey (Llangefni)	1026.8	-1	WSW	1	o	58	98	-	2-1000	St	10	-	-	3	1026.3	0	SSW	3	o	56	92	6	2-1000	St	10	-	-	3						
Falmouth ...	1027.8	-1	SE	2	bem	57	98	3	-	-	-	-	-	*	1027.0	0	S	2	fe	57	98	0	-	-	-	-	-	*						
†Calshot (Hants) ...	1021.9	+	SW	1	of <sub>2</sub>	56	98	0	<500	St	10	-	-	2	1028.9	0	SSW	1	o	57	92	5	2-500	St	10	-	-	3						
†Capel (Folkestone)	1029.2	0	W	2	b	58	87	3	-	-	-	-	-	2	1029.1	+	-	0	ef <sub>2</sub>	57	98	1	-	-	-	-	2							
Aberdeen ...	1019.7	0	SW	3	o	59	82	6	5-7000	St.Cu	6	A.Cu	3	*	1019.1	0	S	2	bc	62	82	7	-	-	-	G.Cu	5	2						
†East Fortune ...	1023.1	0	SSW	4	bc	61	82	2	2-3000	St.Cu	1	Ci St	3	*	1021.6	+	SSW	3	b	60	82	6	3-4000	St.Cu	1	Ast	2	*						
†Framborough Head	1026.4	0	SW	1	b	55	92	4	-	-	-	A.St	2	*	1025.8	0	WSW	3	m	55	92	3	-	-	-	-	*							
†Felixstowe ...	1029.1	0	W	1	e	62	98	3	-	-	-	-	-	3	1028.8	0	WSW	3	b	62	87	4	-	-	-	-	2							
†Cranwell (Lines)	1026.9	0	-	0	w	58	98	4	-	-	-	-	-	*	1027.0	0	-	0	om	58	98	4	2-3000	St	2	-	-	*						
†Bedford ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1027.9	0	SW	1	?	53	82	0	-	-	-	-	-	*						
Benson ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1027.3	+	-	0	oem	53	98	2	-	St	10	-	-	*						
London ...	1028.2	0	-	0	b	62	*	*	*	*	*	*	*	*	1028.6	+	SW	1	fw	53	92	1	-	-	-	-	-	*						
(M.O. at 11h.)																																		
STATIONS CONTRIBUTING REPORTS AT 7H AND 18H.																																		
STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dir. of Upper Cloud.	Weather.	Sea	Rainfall mm.	TEMP.			WEATHER.			Sunshine Hours.												
	at M.S.L.	°F.	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.														
	m.b.					m.b.																												
18H. 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 ...	1017.4	54	SSW	2	cm	1012.0	-1	56	+4	WSW	5	-	cmq	4	14	57	51	bem	omp	omp	*													
Stornoway ...	1016.3	59	SW	5	opq	1016.2	0	57	+3	SW	5	-	o	4	1	60	54	bc.o	op	opq	0.3													
Castlebay (Barra Is)	1020.0	58	WSW	5	o	1018.5	0	57	+1	SW	4	-	o	4	1	58	55	o.o	o	o	0.0													
Glasgow ...	1023.5	61	SW	2	cm	1022.6	-1	57	0	SW	3	-	omq	*	0.4	63	55	omdp	omem	c.bem	0.1													
Malin Head ...	1021.4	61	SW	4	bc	1019.8	-2	57	?	SW	3	SW	c	2	Trace	62	55	cm	cm	bc	2.6													
Blacksod Point	1022.2	61	SSW	3	bc	1019.3	-4	59	-1	SSW	3	-	c	3	-	66	51	bc	bc	bc.e	*													
Roche's Point...	1027.2	61	SE	2	bc	1025.1	-1	60	+1	SE	1	-	o	1	-	65	58	f.o	a.bc	bc.b.o	*													
Birr Castle ...	1025.7	67	S	1	c	1022.6	*	53	-6	S	2	-	m	*	-	68	49	o.c	c	bz	2.5													
Donaghadee ...	1024.3	64	SSW	2	bc <sub>3</sub>	*	*	*	*	*	*	*	*	*	-	*	*	bem.bz	bc <sub>3</sub> .bz	*	*													
Liverpool (Bidston)	1027.1	64	NW	1	b	1026.0	0	51	-9	SSE	1	-	f	0	-	67	51	ac.bc	b	bmf	7.4													
Holyhead ...	1026.9	60	SSW	4	b <sub>f</sub>	1025.3	-1	57	-2	SSW	4	-	og	3	0.2	66	55	c.bc.b	b.b <sub>f</sub> .f	b.b <sub>f</sub> .f.d	8.8													
Pembroke (St. Ann's Head)	1028.6	59	-	0	o	1026.7	-1	57	-2	SE	2	-	of	1	1	64	55	of.c	bc.of.o	of.e	3.6													
Scilly (St. Mary's)	1029.1	62	SE	2	b	1026.0	-1	61	+4	ESE	3	-	b	3	-	67	57	bc	bc.b	b <sub>f</sub> .b	8.8													
Jersey (St. Aubin)	1027.8	60	NE	2	b	1026.7	0	63	+5	E	1	-	b	1	-	73	57	f.e.b	b	bem	7.8													
Portland Bill ...	1028.2	58	-	0	bc <sub>f</sub>	1027.6	0	57	-7	E	3	-	fe	2	Trace	68	52	bc.b	bc.f	fe	*													
Dunegness ...	1028.4	62	SW	3	b	1028.6	0	57	-3	SW	1	-	f	0																				



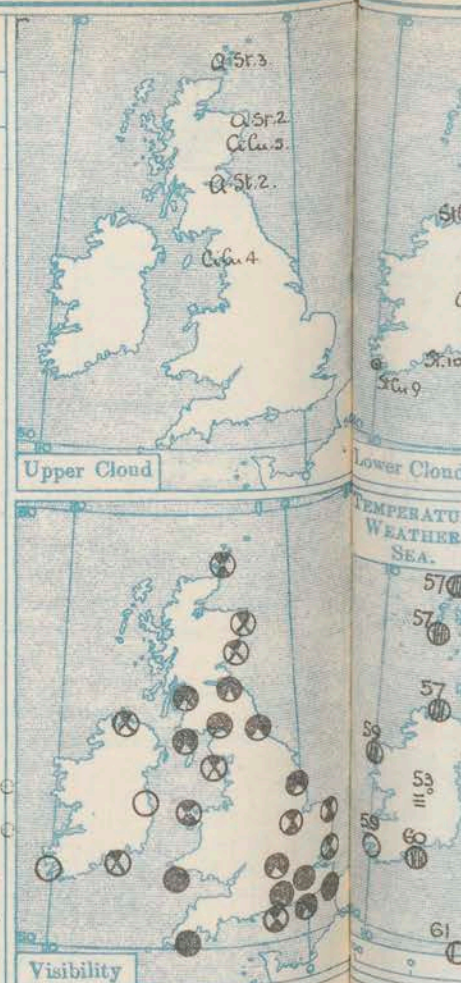
# SUMMARY OF CONDITIONS AT 7 A.M.

Wednesday, 10th September, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SE SW 0 2	Moderate	Variable sky, soon fog	bad	smooth
2. E. England	S SW 2 10	r.warm	Mainly fair to fine, local mist.	ord.	smooth
3. E. Midlands	S SW 0 2	r.warm	Dull, some mist & fog	v.poor	----
4. W. Midlands	S SW 0 5	"	Dull, some mist or fog		
5. S.W. England	E S 5 10	Moderate	Variable sky, some fog	v.bad	smooth
6. South Wales	SE S 2-5	"	Dull, foggy	v.bad	smooth
7. North Wales	S SW 5 15	"	Dull	good	slight
8. N.W. England	S SW 2 10	r.warm	Dull, local mist or fog	var.	slight
9. N. Midlands	SW 2 10	"	Variable sky, local mist or fog.	poor	
10. N.E. England	SW 5 10	"	Fine, local mist or fog	poor	smooth
11. E. Scotland	S W 5 10	warm	Fair or fine	good	smooth
12. S.W. Scotland	S SW 10 20	r.warm	Dull, misty	v.poor	slight
13. Isle of Man	S SW 5 10	Moderate	Dull, local mist	fair	slight
14. N. & N.W. Scot- land	SW W 2 10	r.warm	Variable sky		slight
15. Hebrides	SW 15 20	"	Dull		Moderate
16. Orkneys and Shetlands	SE SW 15 20	"	Fair or cloudy, local mist	fair	Moderate
17. N.W. Ireland	SW 10	"	Cloudy	good	slight
18. N.E. Ireland	S SW 5 15	"	Cloudy or dull	good	slight
19. S.E. Ireland	S SW 2-5	Moderate	Variable sky, local mist	v.good	smooth
20. S.W. Ireland	SSE 2 5	warm	Variable sky	v.good	slight

GENERAL INFERENCE from observations received up to 10 am

A depression near Iceland will cause some rain in the north of Scotland, but elsewhere the weather will be mainly fair or fine.

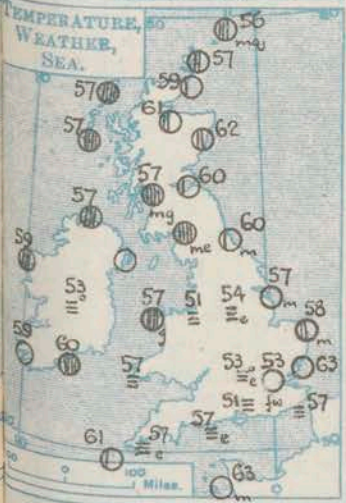
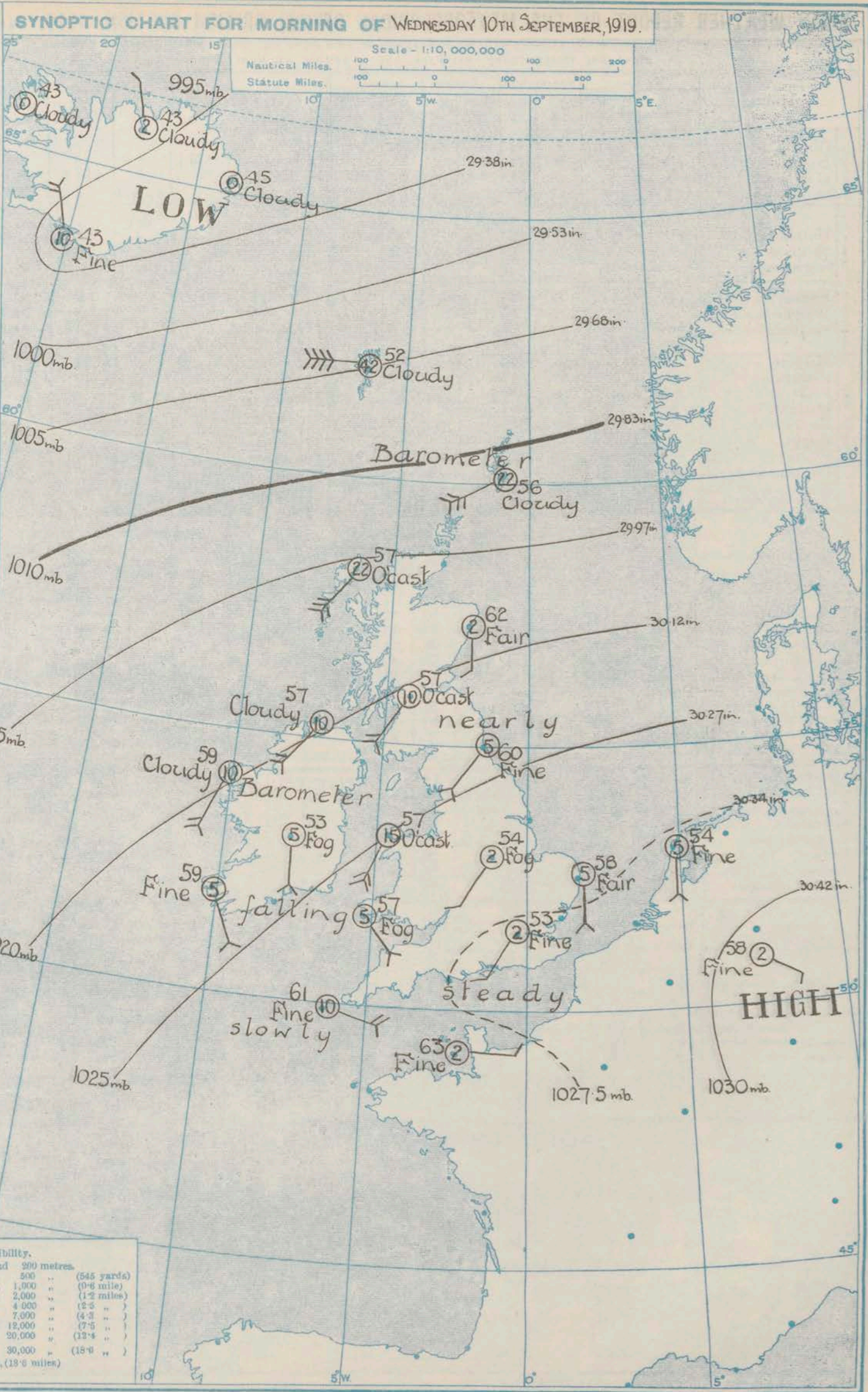
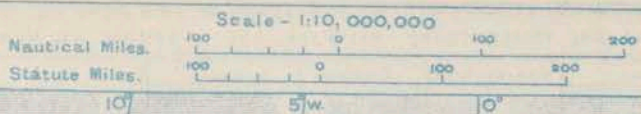


**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**  
 ○ clear sky. ○ sky & clouded.  
 ○ sky & clouded. ○ sky & clouded.  
 ○ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist.  
 T thunder. R thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough High

Districts.	Forecasts for the 24 hours commencing 3 p.m. Wednesday, 10th September, 1919	Further Outlook.
1. S.E. England		
2. E. England		
3. E. Midlands	Light S or SW breezes; fair or fine, mist or fog at night; warm.	Fair or fine
4. W. Midlands		weather is likely
5. S.W. England		to continue for
6. South Wales		more than 2 days
7. North Wales		over southern
8. N.W. England		England, but also
9. N. Midlands	Moderate or fresh SW breezes fair generally, some mist or fog at night; warm.	where the further
10. N.E. England		outlook is un-
11. E. Scotland		certain.
12. S.W. Scotland		
13. Isle of Man		
14. N. & N.W. Scot- land	Fresh SW breeze, strong at times, fair or dull, some showers; moderate temperature.	
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland	Same as districts 7-13	
18. N.E. Ireland		
19. S.E. Ireland	Moderate S or SW breezes; fair generally, some mist;	
20. S.W. Ireland	warm	



# SYNOPTIC CHART FOR MORNING OF WEDNESDAY 10TH SEPTEMBER, 1919.



Scale of Surface Visibility.

Visibility	Objects not visible beyond	metres	(yards)
1. Very Bad	200	200	(220)
2. Bad	500	500	(545)
3. Very Poor	1,000	1,000	(1,094)
4. Poor	2,000	2,000	(2,187)
5. Indif. } Ordinary	4,000	4,000	(4,374)
6. Fair	7,000	7,000	(7,620)
7. Good, above ord.	12,000	12,000	(13,120)
8. Vy. gd., unusual	20,000	20,000	(21,600)
9. Excep. good	30,000	30,000	(32,400)
10. Objects visible beyond	30,000 metres	(32,400)	(35,400)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No 253 B

Wednesday  
10th September

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 17h-19h.	Day, 9h-17h.	to 17h. 9h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 17h-19h.	Day, 9h-17h.	to 17h. 9h.	Sunrise to Sunset.
Scotland.									England, N.W.								
Oban ...	*	c.c.o.r.o.c	62	52	0	0.3	2.4	0.0	Douglas (I.O.M.)	*	*	67	56	-	-	10.6	0.9
Banff ...	c.bc	c	66	53	0.3	-	3.3	0.5	Blackpool ...	*	a.bc.b	69	59	-	-	7.5	4.1
Montrose ...	bc	bc	70	57	0.4	-	5.7	0.5	Southport ...	o.c.bc.b	b	67	59	-	-	8.5	5.0
St. Andrews ...	b	c	68	59	-	-	6.5	0.4									
England, N.E.									Midlands.								
Harrogate ...	o.bc	bc.b	69	57	-	-	4.8	5.2	Buxton ...	bc.b	b	70	55	-	-	3.6	9.8
Skegness ...	b	b	73	51	-	-	10.0	9.6	Leamington Spa...	b	b	74	52	-	-	9.8	3.8
Scarborough ...	*	*	72	57	-	-	8.7	5.8	Malvern ...								
									Ross-on-Wye ...	fe.bw.b	b3	74	47	-	-	10.0	11.5
England, E.									Wales.								
Felixstowe ...	bc	b3	72	54	-	-	10.2	4.7	Rhyl ...	c.bc	b	66	59	-	-	6.8	7.8
Walton-on-Naze...									Colwyn Bay ...	*	*	72	60	-	-	9.0	7.9
Southend-on-Sea...	bmw	b3	77	55	-	-	9.4	6.4	Llandudno ...	bc	b	67	60	-	-	6.7	4.6
									Aberystwyth ...	Ro.C	c.o	64	60	-	4	10	10.0
England, S.E.									England, S.W.								
Margate ...	b	b	73	56	-	-	11.1	2.4	Weymouth ...	b	b	73	51	-	-	10.6	5.2
Ramsgate ...	*	b	72	54	-	-	10.0	3.6	Teignmouth ...	b	b	68	51	-	-	10.9	10.2
Folkestone ...	f.b	bc.b	66	58	-	-	4.4	5.7	Torquay ...	b	b	69	52	-	-	10.5	10.5
Hastings ...	f.bc.b	b	67	56	-	-	8.1	2	Paignton ...	b	b	65	47	trace	-	10.8	10.6
Eastbourne ...	bc.b	b	67	58	-	-	9.0	8.4	Penzance ...	b	b	67	52	-	-	10.1	11.6
Brighton ...	b	b.bc.c	67	59	-	-	8.4	7.7	Newquay ...	b	b	68	48	-	-	9.7	11.5
Worthing ...	bc.b	b	69	55	-	-	9.2	8.1	Bude ...	o.bc.b	b	70	50	-	-	6.5	12.2
Littlehampton ...	*	*	68	48	0.1	-	11.0	8.0	Ilfracombe ...	om.c.bc	bc.c.om	64	57	0.2	-	2.4	11.9
Bournemouth ...	m.b	b3	70	49	-	-	9.4	5.6	Weston-s-Mare ...	m.o.b	b	69	54	-	-	5.0	11.0
Tunbridge Wells ...																	

## 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-24h.	1h-7h.				Day, 7h-18h.	Night, 18h-7h.	
†Houton Bay (Orkney)...	f.g	ef2.p	om.g	c.pd	56	49	*	*	*	*
Eskdalemuir ...	om.o	o.c.bc.b	bc.bw.c	o.fe	62	53	53	-	0.1	0.7
†Stranraer ...	bc.cv	bc.c	bc.cw	o.ef	69	52	*	*	*	*
†Lough Foyle ...	of2.d	bc.cq		oq	61	51	*	*	*	*
Valencia (Cahirciveen) ...	od.o	o.bc	c.bc.b		65	56	51	-	-	0.3
†Anglesey (Llangefni) ...	c.b.bc	b.bc.o	cq	o.cm	66	53	*	*	*	*
Falmouth ...	b.f.em	b.b3	b3w	fe	66	52	50	-	-	11.6
†Calshot (Hants) ...	bc.ces	b	b	b.o	72	50	*	*	*	*
†Capel (Folkestone)...	ef2.e	ef2.o	W.ef2	b.ef2	66	54	*	*	*	*
Aberdeen ...	o.c.bcy	c.bc3	bc3.c		70	56	47	-	-	4.7
†East Fortune ...	c.o3	em.3	bc.c.W	b.bcw	68	59	*	*	*	*
†Flamborough Head ...	q.bc.c	q.bc.c	w.3	wz	70	52	*	*	*	*
†Felixstowe ...	b.bc3	b.bc3	b3	z	72	50	*	*	*	*
†Cranwell (Lincs) ...	3.bc.c	b.bc3	3.w	w.b.bc	70	50	*	*	*	*
†Bedford ...	bc.c3	3		f2	76	49	*	*	*	*
Benson ...	mb	b	b.f.e		75	47	37	-	-	*
London (Kew Obsy.) ...	bw3.b3	b3b3	b.f.w		75	51	43	-	Trace	11.4

## 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.

## THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.8
1	1-8	0.8-1.5
2	4-7	1.6-3.3
3	8-12	5.4-5.4
4	13-18	5.6-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.5
12	Above 75	33.6 or above

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 2=heavy. Underlining is used to express continuity.

## SYMBOLS—

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

## LONDON OBSERVATIONS.

	MORNING							AFTERNOON			EVENING			WIND			TEMP.			HOURS.			G.M.T.		G.M.T.	
	24 HOURS ENDED 9h G.M.T. ....							24 HOURS ENDED 9h G.M.T. ....							24 HOURS ENDED 9h G.M.T. ....							YESTERDAY.			TO-DAY.	
	24 HOURS ENDED 9h G.M.T. ....							24 HOURS ENDED 9h G.M.T. ....							24 HOURS ENDED 9h G.M.T. ....							YESTERDAY.			TO-DAY.	
Greenwich (Royal Observatory)	b.	b	bmw	80	50	35	—	11.5	46	70																
City (Bunhill Row) ... ..	*	*	*	*	*	*	*	10.3	*	*																
Westminster (St. James's Park)	*	*	*	78	53	44	—	11.0	41	73																
" (Admiralty Arch)	bm	b3	bmw	78	57	*	—	10.8	46	68																
Camden Sq. (British Rainfall)	b2.	b.	*	80	53	48	—	9.7	47	83																
Kensington Palace ... ..	b	b	*	77	53	39	—	*	(4)58	85																

## SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.	154.4 Joules.
Average Rate.	32.9 Milli-watts.
Maximum Rate.	59

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

10th & 11th September 1919.			
Stations.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth...	5.19	11.50	6.21
Greenwich	5.22	11.50	6.26
Wick	5.32	12.9	6.46
Valencia ...	6.8	12.38	7.8

## NOTES ON THE WEATHER OF YESTERDAY.

The day was somewhat hotter, the temperature reaching 70° in parts of Scotland and the north of England, and 75° or 76° at several English stations. Little or no rain fell except in the Shetlands, where 14mm was reported from Lerwick. Sunshine records were rather poor in Scotland and Ireland, but were again excellent in England. There was a considerable amount of mist or fog at night.





METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.

No 21,142B ... THURSDAY, 11<sup>TH</sup> SEPTEMBER 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H.																													
STATIONS	BAROM.	†	WIND.		Weather.	TEMP.	Humidity.	Visibility.	Height	Low Cloud.		Upper Cloud.		Sea	BAROM.	†	WIND.		Weather.	TEMP.	Humidity.	Visibility.	Height	Low Cloud.		Upper Cloud.		Sea	
	at	Change	Direc.	Force		°F.	%	0-10.	Feet.	Form.	Amt.	Form.	Amt.		at	Change	Direc.	Force		°F.	%	0-10.	Feet.	Form.	Amt.	Form.	Amt.		
	M.S.L.	in 3		0-12.												M.S.L.	in 3			0-12.									
13H. G.M.T. OF ... 10 <sup>TH</sup>															19H. G.M.T. OF ... 10 <sup>TH</sup>														
†Houton B. (Orkney)	1015.8	0	WSW	3	bc	59	82	6	5-7000	Cu-Nb	3	A.St	1	3	1014.4	0	SSW	1	bc	61	75	7	5-7000	Cu-Nb	3	A.St	2	3	
Eskdalemuir ...	1023.0	0	SW	5	o	58	82	6	15-2000	St-Cu	10	-	-	*	1021.3	-3	SSW	4	omg	56	87	5	15-2000	St-Cu	9	-	-	*	
†Stranraer ...	1023.3	-2	S	3	bc	63	82	4	1-1500	St-Cu	4	-	-	*	1020.7	-2	S	4	o	57	98	3	1-1500	St	10	-	-	*	
†Lough Foyle ...	1019.2	-3	SSW	6	b	67	75	7	-	-	-	-	-	3	1015.0	-2	SSW	7	b	70	65	6	-	-	Ci-Cu	3	4		
Valencia (Cahire'n)	1020.3	-2	SSE	6	b	72	65	10	-	-	-	-	-	4	1019.0	-1	S	5	b	68	82	8	3-4000	Cu	2	Ci-Cu	1	4	
†Anglesey (Llangefni)	1024.9	-2	SW	4	3	67	65	8	-	-	-	-	-	4	1022.4	-4	SSW	2	3	68	75	8	-	-	-	-	-	4	
Falmouth ...	1026.0	-1	SE	3	ef	61	92	1	-	-	-	-	-	*	1024.1	-2	ESE	1	ef	59	92	0	-	-	-	-	-	*	
†Calshot (Hants) ...	1027.5	-2	ESE	3	b	63	87	4	-	-	-	-	-	4	1025.0	0	ESE	2	b	65	92	5	-	-	-	-	-	4	
†Capel (Folkestone)	1028.2	-2	SW	1	3	72	55	5	-	-	-	-	-	2															
1H. G.M.T. OF ... 11 <sup>TH</sup>															7H. G.M.T. OF ... 11 <sup>TH</sup>														
†Houton B. (Orkney)	1011.7	-2	W	7	a <sub>2</sub>	57	92	3	15-2000	St-Cu	8	-	-	5	1011.9	H	W	7	cd	52	97	3	15-2000	St-Cu	8	-	-	6	
Eskdalemuir ...	1019.3	-2	SSW	2	b <sub>f</sub>	54	98	1	-	-	-	-	-	*	1014.1	-1	SSW	3	om	58	92	5	15-2000	St	10	-	-	*	
†Stranraer ...	1018.4	-1	S	3	bc	58	98	5	2-3000	St	3	A.Cu	1	*	1016.7	-1	-	0	bc	57	94	3	2-3000	St-Cu	6	-	-	*	
†Lough Foyle ...														*	1016.1	H	NNW	5	a <sub>0</sub>	54	97	5	1-1500	Nb	10	-	-	*	
Valencia (Cahire'n)	1016.4	-3	SSW	3	bc	64	*	*	*	*	*	*	*	4	1016.2	-1	-	0	af	61	94	2	500	St	10	-	-	3	
†Anglesey (Llangefni)	1020.4	-2	SSW	4	q	64	87	3	-	-	-	-	-	4	1014.7	-2	SW	3	b	64	75	7	2-4000	Nb	14	-	-	4	
Falmouth ...	1021.0	-3	ESE	2	em	52	92	5	-	-	-	-	-	*	1019.0	0	E	2	bm	59	92	3	-	-	-	-	-	*	
†Calshot (Hants) ...	1023.1	-4	ENE	1	b	63	98	5	-	-	-	-	-	4	1020.5	0	-	0	af	64	92	2	-	-	-	-	-	3	
†Capel (Folkestone)	1024.4	-2	ESE	2	3	63	92	4	-	-	-	-	-	1	1022.3	-2	S	1	b <sub>3</sub>	68	65	5	-	-	-	-	-	1	
§Aberdeen ...	1003.0	0	SE	3	b	55	98	4	-	-	-	-	-	*	1013.4	H	SSW	3	om	61	84	5	-	St-Cu	9	-	-	2	
†East Fortune ...	1016.5	-4	SW	4	q	60	75	-	-	-	-	-	-	*	1015.1	0	SW	1	bc <sub>3</sub>	59	82	5	3-4000	St-Cu	1	A.Cu	3	*	
†Flamborough Head	1021.5	-1	SW	2	3	56	92	4	-	-	-	-	-	*	1020.0	-2	SSW	2	b <sub>3</sub>	54	92	3	-	-	-	-	-	*	
†Felixstowe ...	1024.8	-1	SSW	1	e	57	98	2	-	-	-	-	-	3	1022.2	-2	SE	2	b	64	84	4	-	-	-	-	-	2	
†Cranwell (Lincs)	1022.8	-1	SW	1	w	60	87	6	2-3000	St-Cu	2	-	-	*	1020.9	-2	-	0	b	58	84	5	2-3000	St	2	-	-	*	
†Bedford ...														*	1021.4	0	NNW	1	b <sub>f</sub>	54	82	0	-	-	-	-	-	*	
Benson ...														*	1020.0	-2	-	0	bm	54	94	4	-	-	-	-	-	*	
London ...	1023.5	-1	-	0	bm	64	*	*	*	*	*	*	*	*	1021.4	-2	-	0	b <sub>f</sub> w	54	94	1	-	-	-	-	-	*	
(M.O. at 1h.)																													
STATIONS CONTRIBUTING REPORTS AT 7H AND 19H.																													
STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea	Rainfall	TEMP.		WEATHER.			Sunshine								
	at	Change	Direc.	Force		at	Change	Temp.	Change	Direc.	Force					Max.	Min.	Morning.	Afternoon.	Night.									
	M.S.L.	in 3		0-12.		M.S.L.	in 3	°F.	in 24 hours.		0-12.					°F.	°F.	°F.											
19H. G.M.T. OF ... 10 <sup>TH</sup>										7H. G.M.T. OF ... 11 <sup>TH</sup>										24 HOURS ENDED 7H. ... 11 <sup>TH</sup>					10 <sup>TH</sup>				
Lerwick ...	1012.4	59	SW	5	omg	1009.6	+2	55	-1	WSW	4	-	omg	2	-	61	53	bcmg	cmg	om	*								
Stornoway ...	1011.1	60	SW	6	bcq	1013.2	+4	52	-5	NW	6	-	or	5	3	61	52	on cq	cmg	om	0.3								
Castlebay (Barra)	1014.1	61	SW	5	o	1014.0	+1	58	+1	NNW	4	-	or	4	1	61	53	opm	opm	0.6									
Glasgow ...	1019.0	64	SW	2	b <sub>3</sub>	1015.6	0	59	+2	SW	2	-	om	*	-	64	55	o.c.bcm	b <sub>3</sub>	0.8									
Malin Head ...	1014.9	70	SW	3	bc	1014.6	0	55	-2	W	3	W	om	2	-	70	54	bc	bc	10.4									
Blackod Point	1015.9	61	SSW	5	omd	1016.5	+1	56	+6	NNW	2	-	og	2	1	69	55	bc	bc	*									
Roche's Point ...	1021.3	61	ESE	2	f	1014.1	-1	59	-1	-	0	-	o	1	0.4	62	59	om	of	*									
Birr Castle ...	1019.0	66	S	2	m	1016.5	*	58	+5	S	1	S	bc	*	-	74	53	3	3.b	11.9									
Donaghadee ...	1019.1	62	S	2	bm	1016.2	0	60	+5	SW	2	-	om	1	-	64	55	bcm	bm	*									
Liverpool (Bidston)	1022.2	69	SE	1	b	1018.5	-3	60	+9	SE	2	-	b	2	-	72	57	b	bm	10.8									
Holyhead ...	1021.5	65	SSW	4	b <sub>3</sub>	1017.3	-1	62	+5	S	4	-	b <sub>3</sub>	2	trace	64	56	omg.fb	bm.b <sub>3</sub>	6.5									
Pembroke (St. Ann's Head)	1023.0	63	SE	2	b	1018.7	-2	61	+4	ESE	2	-	b	2	-	68	58	bc.b	b	11.2									
Scilly (St. Mary's)	1023.0	63	ESE	4	b <sub>f</sub>	1018.0	-3	60	-1	ESE	3	-	bm	4	-	68	59	b <sub>f</sub>	b <sub>f</sub>	8.4									
Jersey (St. Aubin)	1023.4	75	E	2	b	1020.3	0	66	+3	E	2	-	b	1	-	83	59	bm.b	b	12.9									
Portland Bill ...	1025.3	60	E	3	fe	1021.0	-2	60	+3	E	4	-	b	2	-	62	56	f	fe	*									
Dungeness ...	1025.3	70	-	0	b	1023.0	-1	65	+8	SE	1	-	b	1	-	75	56	f.b	b	*									
Wick ...	1012.5	59	SSW	4	bm	1012.3	+1	55	-4	NNW	2	-	omr	1	0.1	66	54	bm	bm.omr	*									
Nairn ...	1013.7	60	W	3	bc	1012.0	*	62	+1	-	0	-	bcq	0	-	69	60	g.bc	bcq	10.4									
Leith ...	1017.2	67	SW	2	b	1014.4	-1	60	0	SW	1	SW	b	1	-	71	58	b.b.c.b	b	*									
Tynemouth ...	1021.3	68	W	1	bm	1018.9	-2	60	0	W	2	-	bm	2	-	75	58	bcm	bcm	*									
Spurn Head ...	1023.7	66	SW	1	b	1020.8	-1	60	+3	SSW	2	-	bm	2	0.2	76	56	bm	bm	7.5									
Yarmouth (Gorleston)	1025.4	70	W	2	bc	1021.2	-3	62	+4	SW	1	-	b <sub>3</sub>	2	-	80	62	bcm	b <sub>3</sub>	11.0									
Clacton-on-Sea	1025.3	67	SE	1	b	1021.7	-2	65	+2	SE	2	-	b	2	0.1	70	60	b <sub>3</sub>	b <sub>3</sub>	11.5									
Nottingham ...	1024.0	71	SW	1	b	1020.0	*	50	-4	W	1	-	bmw	*	-	76	48	f.m.b	b	7.4									

† Air Ministry Station. \* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § Longside † at 1h.



# SUMMARY OF CONDITIONS AT 7 A.M. Thursday, 11th September, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	S-SE 0-5	warm	Fine, local mist or haze	var.	smooth
2. E. England	Var. 0-5	"	Fine, local haze	poor	smooth
3. E. Midlands	S-W 0-2	Moderate	Fine, mist or fog	poor	
4. W. Midlands	S-W 0-2	"	Fine, local mist		
5. S.W. England	SE-NE 5-15	r.warm	Fine, local mist or fog	ord.	smooth
6. South Wales	SE-SW 2-5	"	Fine	ord.	smooth
7. North Wales	S-SW 10-15	warm	Fine	good	smooth
8. N.W. England	SE-SW 5-10	r.warm	Variable sky, local mist	poor	smooth
9. N. Midlands	S-W 0-5	Moderate	Fine, local mist	poor	
10. N.E. England	SW-W 5-15	warm	Fine, local mist	poor	smooth
11. E. Scotland	SE-SW 2-10	r.warm	Variable sky, local mist	ord.	smooth
12. S.W. Scotland	S-SW 2-10	warm	Fair to dull, local mist	ord.	smooth
13. Isle of Man	S-SW 2-10	warm	Variable sky		smooth
14. N. & N.W. Scotland	W-NW 2-10	r.warm	Fair to dull, local mist & rain		smooth
15. Hebrides	NW 15-28	Moderate	Dull, some rain		Moderate
16. Orkneys and Shetlands	SW-W 15-30	r.warm	Dull, local mist & drizzle	poor	var.
17. N.W. Ireland	W-NW 2-10	Moderate	Dull	fair	smooth
18. N.E. Ireland	SW-W 5-15	r.warm	Dull, local mist & drizzle	fair	smooth
19. S.E. Ireland	SW-NW 0-5	"	Cloudy or dull	ord.	smooth
20. S.W. Ireland	Calm	"	Dull, local fog	poor	smooth

GENERAL INFERENCE from observations received up to 2.0 a.m.

A depression near Iceland will cause local showers in Scotland, but over the rest of the United Kingdom the weather will be mainly fair or fine.

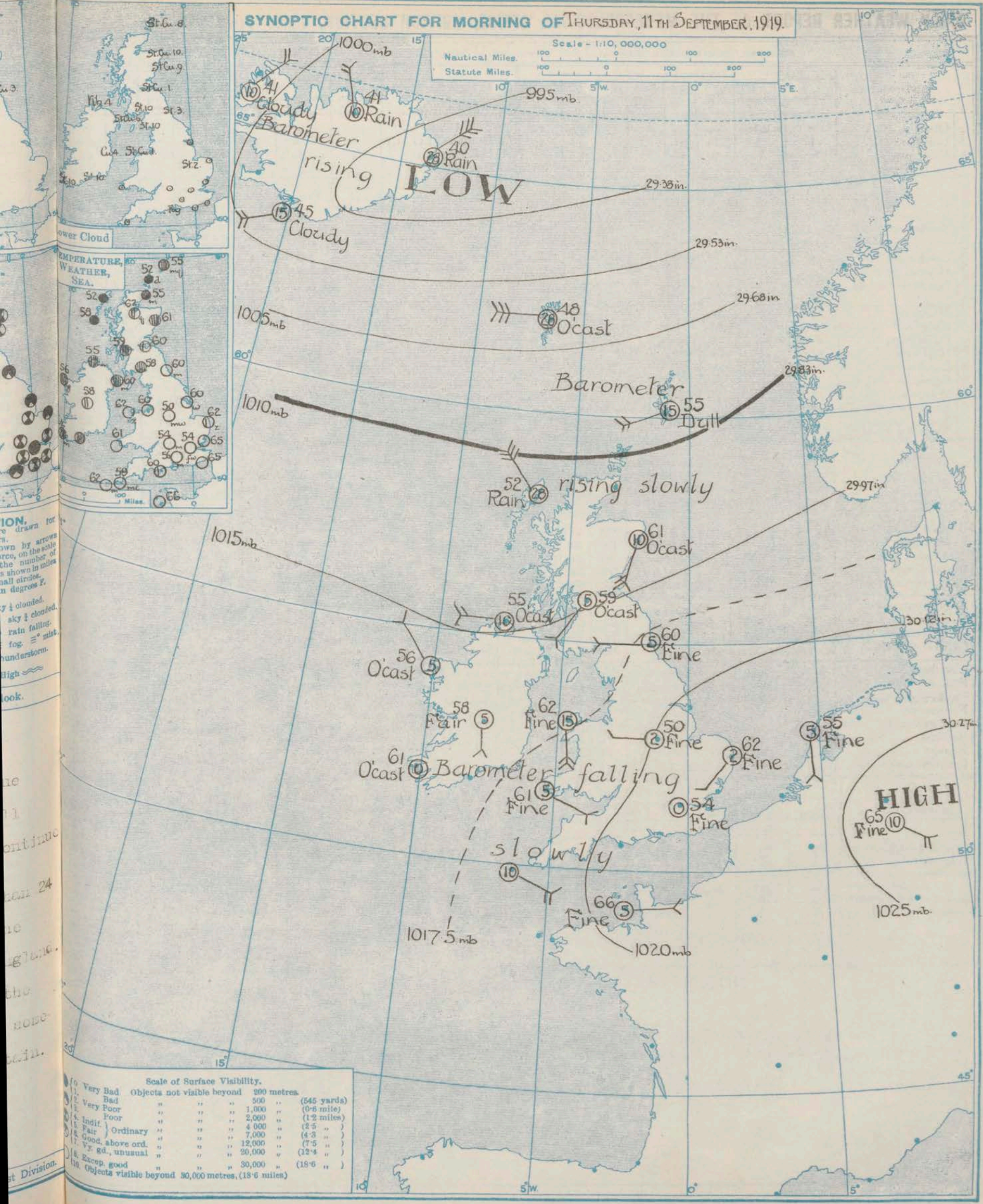
**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**  
 ○ clear sky. ○ sky & clouded.  
 ⊙ sky & clouded. ⊙ sky & clouded.  
 ⊕ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist.  
 T thunder. T thunderstorm.  
**SEA DISTURBANCE.**  
 Rough High

Districts.	Forecasts for the 24 hours commencing 3 p.m. Thursday, 11th September, 1919	Further Outlook.
1. S.E. England	Light indefinite breezes, fair or fine, some mist or fog at night; very warm.	Fair or fine weather will probably continue for more than 24 hours in the south of England.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales		
7. North Wales	Light or moderate westerly breezes; fair or dull, local showers, some mist; rather warm.	Elsewhere the outlook is somewhat uncertain.
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. E. Scotland		
12. S.W. Scotland		
13. Isle of Man	Light indefinite breezes; fair or dull, some mist or fog at night, very warm.	
14. N. & N.W. Scotland		
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		



# SYNOPTIC CHART FOR MORNING OF THURSDAY, 11TH SEPTEMBER, 1919.

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





# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 254. B

Thursday  
11th September

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-19h. 10th.	Day. 9h-17h. 10th.	to 17h. 10th.	Sunrise to Sunset. 9th.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-19h. 10th.	Day. 9h-17h. 10th.	to 17h. 10th.	Sunrise to Sunset. 9th.
Scotland.									England, N.E.								
Oban ...	*	bc. o. bc. b	66	56	-	-	4.9	3.0	Douglas (I.O.M.)	*	*	60	54	-	-	0.4	10.6
Banff ...	b	b	74	56	-	-	10.0	3.7	Blackpool ...	*	om. bc. b	71	53	-	-	7.9	8.2
Montrose ...	bc	bc	70	56	0.2	-	10.3	5.7	Southport ...	b	b	68	51	-	-	8.0	9.3
St. Andrews ...	b	b	69	58	-	-	9.7	7.1									
England, N.E.									Midlands.								
Harrogate ...	b	b	74	55	-	-	9.6	6.3	Buxton ...	c. b	b. b. v. b	74	49	-	-	10.6	5.2
Skegness ...	b	b	75	56	-	-	8.5	10.6	Leamington Spa ...	b	b	73	51	-	-	9.4	10.5
Scarborough ...	*	*	74	56	-	-	7.8	10.5	Malvern ...								
									Ross-on-Wye ...	fe. b	b. y	78	48	trace	-	8.1	10.5
England, E.									Wales.								
Felixstowe ...	b	b.3	71	57	-	-	10.6	10.7	Rhyl ...	b	b	73	50	-	-	10.4	7.9
Walton-on-Naze ...									Colwyn Bay ...	*	*	67	52	-	-	9.8	10.4
Southend-on-Sea ...	bm. w	b	79	56	-	-	9.6	10.2	Llandudno ...	b	b	68	49	-	-	9.5	8.7
									Aberystwyth ...	c. b	b. bc	72	62	-	-	11.0	1.0
England, S.E.									England, S.W.								
Margate ...	b	b	70	54	-	-	10.5	11.1	Weymouth ...	f. b	b. f	68	53	-	-	3.6	11.5
Ramsgate ...	*	m	78	53	-	-	9.7	11.3	Teignmouth ...	fo	of	62	55	-	-	0.0	11.9
Folkestone ...	f. b	b.3	76	62	-	-	8.3	4.6	Torquay ...	om. c	c. om	61	55	-	-	0.2	11.8
Hastings ...	f. bc. b	b	76	54	-	-	7.4	9.4	Paignton ...	om	f	61	56	trace	-	0.0	11.6
Eastbourne ...	bc. b	b	70	51	-	-	8.1	10.1	Penzance ...	b	b	68	55	-	-	10.2	11.3
Brighton ...	b	b	68	55	-	-	7.7	9.2	Newquay ...	b. y	b. y	70	53	-	-	10.4	10.8
Worthing ...	b	b	73	56	-	-	8.6	10.4	Bude ...								
Littlehampton ...	f	b	66	52	-	-	7.5	?	Ilfracombe ...	m. b	b	76	53	-	-	10.9	2.4
Bournemouth ...	*	*	69	49	0.3	-	8.0	12.2	Weston-s-Mare ...	b	b	78	51	-	-	10.8	6.0
Tunbridge Wells ...	b	b	79	46	-	-	11.2	10.1									

## SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	RAINFALL.		Sun. Hours.
	7h-13h 10th.	13h-18h 10th.	18h-24h 10th.	1h-7h 11th.				Day. 7h-18h.	Night. 18h-7h.	
†Houton Bay (Orkney)...	bc. c. y	bc. c.3	q. p.	q. p.	64	51	*	*	*	*
Esksdalemuir ...	om. c. m. o	o. om	om. cm	om	61	52	50	-	-	4.3
†Stranraer ...	c. of	bc. c	b. bc	bc. c. bc	69	52	*	*	*	*
†Lough Foyle ...	c. y	b. y		b. y	75	54	*	*	*	*
Valencia (Cahirveen) ...	b	b	b. bc	of	72	50	53	-	-	11.2
†Anglesey (Llangefni) ...	c. a. b. bc	b.3	b. y	b	70	53	*	*	*	*
Falmouth ...	fe	fe	fe. bm	bm	62	55	48	-	-	0.1
†Calshot (Hants) ...	b.3	ef	b.	f.	72	50	*	*	*	*
†Capel (Folkestone) ...	ef. b		o. b	b.3	74	54	*	*	*	*
Aberdeen ...	bc. b. y	b. y	b. bc. o.3		73	58	53	-	-	11.3
†East Fortune ...	b.	b.	b.3	b. bc.3	71	59	*	*	*	*
†Flamborough Head ...	3	b.3	3. w	b.3 w	71	52	*	*	*	*
†Felixstowe ...	b.3	b.3	b.3	b.3	72	55	*	*	*	*
†Cranwell (Lincs) ...	3. b. bc	b. bc	b. w	b. bc. w	75	56	*	*	*	*
†Bedford ...	b.3	b.3		b.3	76	49	*	*	*	*
Benson ...	m. b	b. v	bm		76	50	43	-	-	*
London (Kew Obsy.) ...	fw. b.3	b. b.3	b. b. f. w		77	52	42	-	-	8.0

## 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.

## THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
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	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.5
12	Above 75	33.6 or above

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 2=heavy. Underlining is used to express continuity.

## SYMBOLS—

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

## LONDON OBSERVATIONS.

	morning.	Afternoon.	Night.	F.	F.	F.	mm.	Hours.	G.M.T.	G.M.T.
	24 HOURS ENDED 9H G.M.T. 11 <sup>th</sup> .....							YESTERDAY.	TO-DAY.	
Greenwich (Royal Observatory)	b3	b3	b3. bms	82	53	40	—	11.4	46	58
City (Bunhill Row) ... ..	*	*	*	*	*	*	*	10.4	*	*
Westminster (St. James's Park)	*	*	*	79	58	50	*	11.2	48	83
(Admiralty Arch)	bms	b3	bms	80	62	*	—	10.8	50	64
Camden Sq. (British Rainfall)	b	b	*	81	54	49	*	9.8	52	90
Kensington Palace ... ..	b	b	*	79	35	26	*	*	63 (bms)	79

## SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.	YESTERDAY.		TO-DAY.
	15 h. G.M.T.	9 h. G.M.T.	
Total	166.4	106.4	166.4
Average Rate.	35.7	35.7	35.7
Maximum Rate.	67	67	67

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

Stations.	11th & 12th September 1919.		
	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	5.12	11.50	6.18
Greenwich ...	5.23	11.49	6.16
Wick ...	5.31	11.56	6.22
Valencia ...	5.35	12.9	6.43
	5.37	12.8	6.40
	6.11	12.38	7.4
	6.13	12.37	7.1

## NOTES ON THE WEATHER OF YESTERDAY.

The temperature exceeded 70° in parts of England, Ireland and Scotland, and reached 83° at Jersey. Sunshine records were on the whole very good, except locally in Scotland. Apart from 3mm of rain at Stornoway, there was little or no precipitation. There was fog locally at night in the south of England and Ireland.

† Air Ministry Station.

\* Information for these columns not usually received.





METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.

No. 21,113.B FRIDAY, 12<sup>th</sup> SEPTEMBER...1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																												
STATIONS.	BAROM. at M.S.L.	Change in 3 hours.	WIND.		Weather	TEMP.	HUMIDITY.	VISIBILITY.	Height of Low Cloud.	Low Cloud.	Upper Cloud.	Sea	BAROM. at M.S.L.	Change in 3 hours.	WIND.		Weather	TEMP.	HUMIDITY.	VISIBILITY.	Height of Low Cloud.	Low Cloud.	Upper Cloud.	Sea				
	m.b.		Dirac.	Force 0-12.		°F.	%	0-10.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.	m.b.			Dirac.	Force 0-12.	°F.	%	0-10.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.
13H. G.M.T. ...11 <sup>th</sup> ...												18H. G.M.T. OF ...11 <sup>th</sup> ...																
†Houton B.(Orkney)	1015.0	+3	W	2	r.f.	50	92	2	1-1500	St	10	-	2	1016.0	+1	W	5	c	50	92	4	2-3000	Ca.Nb	5	?	3	4	
Eskdalemuir ...	1016.1	0	SSW	4	b.3.	67	75	4	-	F.C.	3	-	*	1018.8	+4	N	2	op	56	82	7	-	-	A.St	10	*		
†Stranraer ...	1017.6	+1	NNW	4	o	57	98	6	1-2000	St	10	-	*	1019.7	+3	N	3	r.	53	98	5	1-2000	Nb	9	-	-	*	
†Lough Foyle ...	1019.2	+4	NNW	3	P.	52	98	2	1-1000	Nb	10	-	4	1021.2	+4	NNW	3	o	53	92	8	2-3000	St	10	-	-	2	
Valencia (Cahire'n)	1018.0	+1	NNE	4	o	62	75	7	2-3000	St	9	-	4	1019.6	+1	NNE	5	op	56	87	7	1-2000	St	7	A.Cu	2	4	
†Anglesey (Llangefni)	1017.1	0	SW	3	c	74	65	6	4-5000	F.Cu	3	A.Cu	5	4	1018.0	+3	NNE	3	g	58	92	6	1-1500	St	4	ci	1	4
Falmouth ...	1018.0	-1	ESE	1	bme	71	65	5	-	-	-	-	*	1015.0	-3	E	2	b <sub>3</sub>	65	82	3	-	-	-	-	-	*	
†Calshot (Hants) ...	1019.5	-2	ESE	4	b	68	87	5	-	-	-	-	5	1018.4	-1	ESE	3	b <sub>6</sub>	67	92	6	-	-	-	-	-	4	
†Capel (Folkestone)	1021.5	-2	SSW	3	3	73	55	7	-	-	-	-	2	1019.3	-2	-	0	3	73	65	6	-	-	-	-	-	2	
14H. G.M.T. OF ...12 <sup>th</sup> ...												7H. G.M.T. OF ...12 <sup>th</sup> ...																
†Houton B.(Orkney)	1019.6	+2	W	5	r.g	49	92	4	1-1500	Ca.Nb	6	A.St	2	4	1021.8	+3	NNW	5	o	49	84	6	4-5000	Ca.Nb	5	A.Cu	4	5
Eskdalemuir ...	1022.2	+2	N	2	or	51	92	6	-	Nb	4	A.St	6	*	1023.5	+2	NNE	3	o	48	87	7	1-2000	St	4	A.St	6	*
†Stranraer ...	1022.2	+1	NNW	3	o	52	92	4	3-4000	St.Cu	10	-	-	*	1023.0	+2	?	7	r	50	87	5	1-1500	Nb	10	-	-	*
†Lough Foyle ...	1021.0	0	NNE	5	o	53	*	*	*	*	*	*	6	1024.0	+2	N	4	o	52	84	7	2-3000	St.Cu	9	-	-	*	
Valencia (Cahire'n)	1021.0	0	NNE	5	o	53	*	*	*	*	*	*	6	1022.5	+2	NE	4	o	52	82	10	1-2000	St.Cu	8	A.Cu	1	3	
†Anglesey (Llangefni)	1015.7	-2	-	0	efdo	61	98	2	-	St	10	-	*	1014.5	0	ENE	4	o	58	92	3	1-1000	St	10	-	-	4	
Falmouth ...	1017.4	-2	ESE	2	b <sub>6</sub>	64	92	4	-	-	-	-	4	1015.7	+1	-	0	om	62	92	4	-	St	10	-	-	*	
†Calshot (Hants) ...	1017.4	-2	ESE	2	b <sub>6</sub>	64	92	4	-	-	-	-	4	1016.7	-1	ESE	1	b	64	92	4	-	-	-	-	-	3	
†Capel (Folkestone)	1019.3	-1	S	1	b <sub>6</sub>	67	65	8	-	-	-	-	2	1019.0	+1	S	2	b	64	82	4	-	-	-	-	-	2	
†Aberdeen ...	1021.9	+4	W	1	o	45	98	5	5-7000	St.Cu	3	ci	3	*	1024.4	+3	NNW	1	om	48	84	6	-	St.Cu	10	-	-	2
†East Fortune ...	1023.3	+5	ENE	1	r.	51	98	-	1-1000	Nb	10	-	*	1023.8	+1	-	0	o	50	94	6	1-1500	Ca.Nb	6	A.Cu	4	*	
†Farnborough Head	1019.1	+3	NNE	6	c	50	92	5	1-1500	St	8	-	*	1020.8	+2	NE	6	o	55	92	4	1-1000	St	10	-	-	*	
†Felixstowe ...	1019.2	+1	-	0	b	62	92	5	-	-	-	-	4	1018.2	0	SW	2	b <sub>3</sub>	64	82	5	-	-	-	-	-	3	
†Cranwell (Lincs)	1018.6	+1	NE	1	o	59	92	5	-	-	-	-	*	1019.5	0	NNE	4	o	56	94	3	1-2000	St	10	-	-	*	
†Bedford ...	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.0	+1	NE	3	o	58	82	?	1-1500	St	10	-	-	*	
Benson ...	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.0	0	-	0	bcm	54	94	5	-	-	-	-	-	*	
London ...	1017.9	0	-	0	b <sub>6</sub>	68	*	*	*	*	*	*	*	1014.1	H	-	0	bmw	59	92	2	-	-	-	-	-	*	
(M.O. at 11h)																												
STATIONS CONTRIBUTING REPORTS AT 7H AND 18H.																												
STATIONS.	BAROM. at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dirac. of Upper Cloud.	Weather.	Sea	Rainfall mm.	TEMP.			WEATHER.			Sunshine Hours.						
	m.b.	°F.	Dirac.	Force 0-12.		at M.S.L. m.b.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dirac.	Force 0-12.					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> ...										24 HOURS ENDED 7H. ...12 <sup>th</sup> ...						
Lerwick ...	1012.6	52	W	3	om	1020.3	+4	55	0	W	2	-	bcm	1	1	54	49	omg	bcm	omd	*							
Stornoway ...	1017.5	54	WSW	2	bc	1023.7	+5	49	-3	NW	3	-	b	2	2	54	49	q.p.o	c.bc	bc.r	2.4							
Castlebay (Barra's)	1020.0	54	WNW	4	c	1025.1	H	52	-6	NW	2	NW	b	2	2	56	50	o	o.c	c.b	0.7							
Glasgow ...	1019.5	52	WNW	2	op	1024.3	+2	48	-11	ESE	2	-	o	2	2	6	47	a.c. o.d.m	omp	op.om	0.1							
Malin Head ...	1019.4	54	W	3	cm	1023.1	0	53	-2	N	3	N	c	2	4	69	52	omr	cm	c.f.	0.0							
Blacksod Point	1020.7	65	N	1	bc	1023.2	H	55	-1	N	3	-	bc	3	4	56	52	ogr	c	bc/r	*							
Roche's Point...	1017.3	62	N	4	c	1019.7	0	54	-5	NNW	4	-	om	3	0.3	64	54	om	op.c	o.c.l.o	*							
Birr Castle ...	1019.4	55	W	1	o	1022.4	*	50	-8	N	2	-	o	1	1	64	50	bz.	m.op	c.o	1.1							
Donaghadee ...	1019.9	53	N	3	omr	1022.7	+2	51	-4	E	5	-	omp.	4	6	66	51	om	omr	omgr	*							
Liverpool (Bidston)	1017.5	64	NW	3	b	1018.1	H	55	-5	E	5	E	og	3	-	78	55	bmy	bm	bm.o	11.0							
Holyhead ...	1018.4	57	N	6	cg	1018.4	0	58	-4	NE	6	-	omp.g	5	0.4	72	55	b.bcz	b.bcz	om.r	6.8							
Pembroke (St. Ann's Head)	1016.4	71	-	0	o	1015.7	+1	54	-4	NNE	4	SH	c	3	0.2	73	57	b	b	b.bcz	10.4							
Scilly (St. Mary's)	1015.2	66	SE	2	bm	1015.5	0	61	H	SW	2	-	o	3	0.2	71	59	bm	bm	f.e.o	10.7							
Jersey (St. Aubin)	1017.1	78	SE	2	b	1016.9	0	66	0	SSE	2	-	b	1	-	79	62	b	b	bw	11.4							
Portland Bill ...	1018.2	65	E	3	b	1016.0	0	63	+3	SSW	3	-	bw	2	-	69	56	b	b	b	*							
Dungeness ...	1019.0	71	-	0	b	1018.1	0	64	-1	SSW	2	-	b	2	-	75	61	b	b	b	*							
Wick ...	1017.0	51	WSW	1	c	1022.6	+2	47	-8	W	1	-	cm	1	5	55	42	omr	omr.c	bc.cm	*							
Nairn ...	1018.0	52	-	0	c	1023.2	+2	45	-7	-	0	-	bc.g	0	6	63	43	omr	omr.c	cg.bc	0.0							
Leith ...	1018.2	57	SW	1	r	1023.6	+2	52	-8	NE	1	-	o	1	14	68	51	gcr	prgc	bz.c.o	*							
Typemouth ...	1016.1	70	N	1	bcm	1022.8	+3	52	-8	E	3	-	om	4	5	81	52	bm	bm	cm	*							
Spurn Head ...	1016.6	65	S	3	b	1019.0	0	56	-4	ENE	5	-	oeq	4	-	73	55	b	b	b.oeq	6.8							
Yarmouth (Gorleston)	1017.5	69	S	3	b	1018.7	-2	60	-2	NNW	2	-	b <sub>3</sub>	2	-	74	59	b <sub>3</sub>	bcm.b <sub>3</sub>	b.b <sub>3</sub>	10.7							
Clacton-on-Sea	1018.3	69	SSE	3	b	1017.2	0	64	-2	ESE	1	-	b <sub>3</sub> w	0	-	73	62	b <sub>3</sub>	b <sub>3</sub>	b <sub>3</sub> w	11.4							
Nottingham ...	1016.4	78	S	1	b	1019.3	*	56	+6	NE	3	NE	omb	*	-	85	50	b	b	bm	10.2							

† Air Ministry Station. \* Information for these columns not usually received. The barometric change is expressed in half millibars. § Longside † at 1h.



# SUMMARY OF CONDITIONS AT 7 A.M. Friday, 12th September, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SE-SW 5-15	warm	Fine, local mist	var.	smooth
2. E. England	NE-SE 2-10	"	Fine; hazy	ord.	smooth
3. E. Midlands	NE-E 0-10	r. warm	Variable sky, misty	var.	---
4. W. Midlands	NE-E 2-10	"	Variable sky, local mist	ord.	---
5. S.W. England	S-SW 2-10	"	Variable sky, local mist or fog.	"	smooth
6. South Wales	N-NE 5-15	"	Cloudy or dull	"	slight
7. North Wales	NE 15-28	"	Dull, local mist & showers	poor	Moderate
8. N.W. England	NE-E 10-20	Moderate	Dull.	good	slight
9. N. Midlands	NE-E 10-15	r. warm	Dull, local mist	ord.	---
10. N.E. England	NE-E 10-20	Moderate	Dull, local mist; squalls & rain	far.	Moderate
11. E. Scotland	Var. 0-2	r. cool	Fair to dull; local mist	good	smooth
12. S.W. Scotland	N-E 0-10	Moderate	Dull; local rain	good	slight
13. Isle of Man	NE 10-20	r. warm	Dull, local mist	good	moderate
14. N. & N.W. Scotland	W-NW 0-5	r. cool	Fair to dull, local mist	---	smooth
15. Hebrides	NW 5-10	Moderate	Fine	---	smooth
16. Orkneys and Shetlands	W-NW 10-20	"	Fair to dull, local mist	good	variable
17. N.W. Ireland	N 10	"	Fair	good	slight
18. N.E. Ireland	N-E 10-20	r. warm	Cloudy or dull, local mist & showers.	good	slight
19. S.E. Ireland	N-NE 5-10	Moderate	Dull	fair	slight
20. S.W. Ireland	NW-NE 5-15	Moderate	Dull, local fog	var.	slight

GENERAL INFERENCE from observations received up to 10 AM.

A shallow depression over SW England will cause local thunderstorms in England. In Scotland and Ireland the weather will become fair generally as the anticyclone over Scotland develops.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**  
 ○ clear sky. ○ sky & clouded.  
 ● sky & clouded. ● sky & clouded.  
 ○ overcast sky. ● rain falling.  
 \* snow. ▲ hail. = fog. = mist.  
 T thunder. E thunderstorm.  
**SEA DISTURBANCE.**  
 Rough High

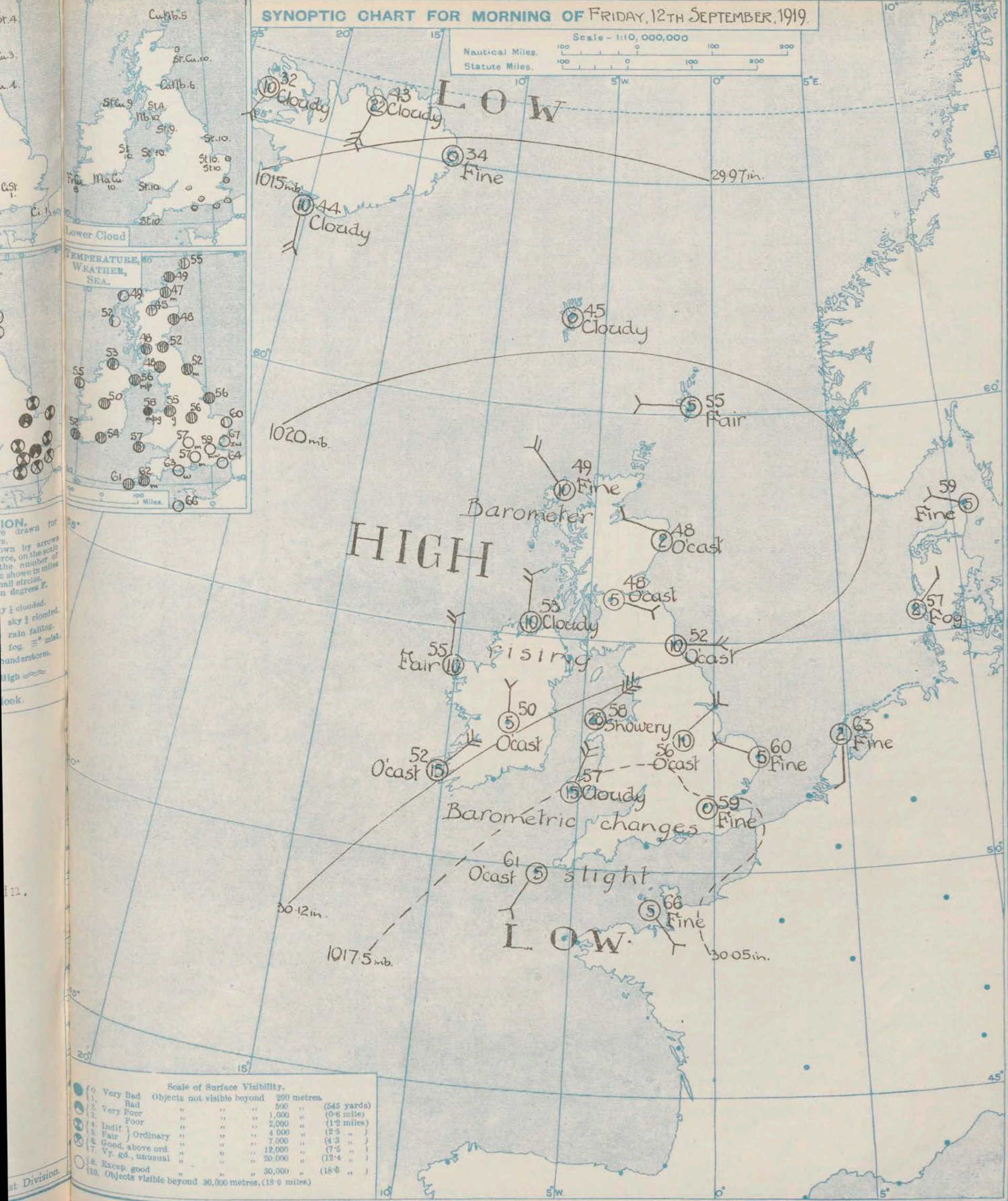
Further Outlook.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Friday, 12th September, 1919	Further Outlook.
1. S.E. England	Moderate or fresh E to NE breeze; fair generally, but local thunderstorms; very warm today, but cooler on Saturday.	
2. E. England		
3. E. Midlands		
4. W. Midlands	Moderate or fresh NE breeze; unsettled, thunder locally; becoming cooler.	
5. S.W. England		
6. South Wales		
7. North Wales	Moderate or fresh NE breeze; fair or dull, thunder locally; cool.	Uncertain.
8. N.W. England		
9. N. Midlands		
10. N.E. England	Light indefinite breezes; fair or dull, becoming warmer.	
11. E. Scotland		
12. S.W. Scotland		
13. Isle of Man	Same as districts 7-10	
14. N. & N.W. Scotland	Same as districts 11-12	
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland	Moderate N or NE breeze; fair; cool.	
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		



# SYNOPTIC CHART FOR MORNING OF FRIDAY, 12TH SEPTEMBER, 1919.

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





# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 255. B

Friday  
12th September

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. 10-2.	Day. 9h-17h. 11-2.	to 17h. 11-2.	Sunrise to Sun- 7-10.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 10-2.	Day. 9h-17h. 11-2.	to 17h. 11-2.	Sunrise to Sun- 7-10.
Scotland.	Oban ... ..	*	c.o.n.o	55	53	2	2	0.0	5.2	England, N.W.	Douglas (I.O.M.)	*	*	70	56	-	-	9.3	0.4
	Banff ... ..	od	n.o	59	51	-	4	0.0	11.2		Blackpool ... ..	*	b3.b	79	56	-	-	10.2	8.5
	Montrose ... ..	*	b.b.c.or	69	52	-	2	2.1	10.9		Southport ... ..	b.b.c.b	b	78	55	-	-	10.5	8.0
	St. Andrews ... ..	c	o	60	52	-	1	2.8	10.3										
England, N.E.	Harrogate ... ..	b	b	81	58	-	-	10.1	10.8	Midlands.	Buxton ... ..	b3.b	b3.b	81	54	-	-	10.8	11.3
	Leamington Spa...										Leamington Spa...	b	b	85	43	-	-	9.8	9.4
	Skegness ... ..	cm. b	b	76	56	-	-	10.7	9.5		Malvern ... ..								
	Scarborough ... ..	*	*	76	58	-	-	2.0	8.7		Ross-on-Wye ... ..	bmw.b3	b3	85	49	-	-	10.3	9.3
England, E.	Felixstowe ... ..	b3	b3	74	?	-	-	10.4	11.2	Wales.	Rhyl ... ..	b	b	80	56	-	-	10.6	11.6
	Walton-on-Naze...										Colwyn Bay ... ..	*	*	79	61	-	-	9.0	11.5
	Southend-on-Sea...	bmw	b	79	60	-	-	9.8	9.8		Llandudno ... ..	b	b	78	60	-	-	8.7	10.6
											Aberystwyth ... ..	c.b	b.b.c	80	70	-	-	11.0	11.0
England, S.E.	Margate ... ..	b	b	85	63	-	-	10.6	10.5	England, S.W.	Weymouth ... ..	b	b	77	58	-	-	10.7	3.6
	Ramsgate ... ..	*	b	80	61	-	-	10.8	10.4		Teignmouth ... ..	b	b	68	51	-	-	10.3	0.0
	Folkestone ... ..	b3	b3.v	78	63	-	-	10.6	9.1		Torquay ... ..	b	b	74	55	-	-	10.4	0.2
	Hastings ... ..	b	b	76	62	-	-	11.0	8.5		Paignton ... ..	b	b	69	50	trace	-	10.3	0.0
	Eastbourne...	b	b	72	54	-	-	3.9	8.9		Penzance ... ..	b	b	74	58	-	-	10.5	11.0
	Brighton ... ..	b	b	73	57	-	-	10.7	8.7		Newquay ... ..	b3	b3	77	57	-	-	10.3	10.4
	Worthing ... ..	b	b	74	57	-	-	11.3	10.6		Bude ... ..	b	b	84	58	-	-	11.7	?
	Littlehampton ... ..	b	b	70	60	-	-	11.4	9.0		Ilfracombe ... ..	b	b	86	61	-	-	11.0	12.1
	Bournemouth ... ..	*	*	75	52	-	-	10.5	9.0		Weston-s-Mare ... ..	b	b	84	55	-	-	11.0	11.5
	Tunbridge Wells ... ..	b	b	83	56	-	-	10.9	11.7										

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION. 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.		THE BEAUFORT SCALE OF WIND FORCE.			
	WEATHER					Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	RAINFALL.				Sun. Hours.	No.	Limits of Velocity.	
	7h-13h 11-1.	13h-18h 11-1.	18h-0h 11-1.	1h-7h 12-2.	Day, 7h-18h				Night, 18h-7h	Statute miles per hour.					Metres per second.	
†Houton Bay (Orkney)...	op.	q p.	q q.	b.o.q	57	46	*	*	*	*	0	Less than 1	Less than 0.3			
Eskdalemuir ...	om.cm.b3	b3.c.q	om.c.p.o.p.o	o.p.o	68	47	46	trace	2	5.6	1	1-8	0.3-1.5			
†Stranraer ...	o	c p.	c r.	op.	64	48	*	*	*	*	2	4-7	1.6-3.3			
†Lough Foyle ...	u.	cv	c	c	70	52	*	*	*	*	3	8-12	3.4-5.4			
Valencia (Cahirciveen) ...	ofam.o	opt.	otlp.op.	b2	62	51	49	2	5	0.4	4	13-18	5.5-7.9			
†Anglesey (Llangefni) ...	bc.c3	bc.c3	bmw	o.p.o	75	54	*	*	*	*	5	19-24	8.0-10.7			
Falmouth ...	bm	b3	bmw	om	73	59	52	trace	11.2	6	25-31	10.8-13.8				
†Calshot (Hants) ...	b2.cm.	b	bc.c	of	70	55	*	*	*	*	7	32-38	13.9-17.1			
†Capel (Folkestone)...	b3	b3	b.v	br	76	57	*	*	*	*	8	39-46	17.2-20.7			
Aberdeen ...	o3.c3.o	op.or	op.c.om	68	45	37	2	0.2	0.8	9	47-54	20.8-24.4				
†East Fortune ...	bc.c3	op	on	op.	71	50	*	*	*	*	10	55-63	24.6-28.4			
†Flamborough Head ...	b3	b3	b.b.c3	o2	88	53	*	*	*	*	11	64-75	28.6-33.5			
†Felixstowe ...	b3	b3	b3	be	76	53	*	*	*	*	12	Above 75	33.6 or above			
†Cranwell (Lincs) ...	b.b.c.b.	b	b.b.c3	w.3	84	54	*	*	*	*	Suffices 0, 1 and 2 attached to Beaufort letters signify intensity. 0=slight, 2=heavy. Underlining is used to express continuity.					
†Bedford ...	b3	b3	f.w	88	49	*	*	*	*	*	SYMBOLS— Aurora ☄ Solar halo ☉ Rime ☃ Lunar halo ☾ Glazed frost ☑ Solar corona ☉ Glazed roads ☑ Lunar corona ☾					
Benson ...	b	b	bm	83	53	45	*	*	*	*						
London (Kew Obsy.) ...	efn.b3	b3	b.bmw	83	53	46	*	*	10.7							

LONDON. OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).			TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.							
WEATHER.										Max. Min. Min. on Temp. Temp. Grass. ° F. ° F. ° F.			Rain- fall.	Sun- shine to Sunset.	HUMIDITY %					
Morning. Afternoon. Night.													mm.	Hours.	15 h. G.M.T.	9 h. G.M.T.				
24 HOURS ENDED 9h G.M.T. 12 <sup>TH</sup> .....													YESTERDAY.	TO-DAY.						
Greenwich (Royal Observatory)	b3	b3	b3.wm.	87	56	42	-	11.8	42	63	Vertical Component of Solar Radiation per Square Centimetre during yesterday.									
City (Bunhill Row) ... ..	*	*	*	*	*	*	*	9.5	34	60										
Westminster (St. James's Park)	*	*	*	87	58	51	-	10.4	34	60										
" (Admiralty Arch)	bm	b3	bmw	87	65	*	-	10.0	38	55										
Camden Sq. (British Rainfall)	b3.6	b	*	88	56	51	-	9.2	39	80										
Kensington Palace ... ..	b	b	*	87	57	49	-	*	60 (18)	81	Total ..... 1465 ..... Joules.									
											Average Rate. 31.6									
											Maximum Rate. 67									
															Stations. Sunrise. Noon. Sunset.					
															G.M.T. G.M.T. G.M.T.					
											Yarmouth... {				5.23 11.50 6.10					
											Greenwich {				5.25 11.49 6.13					
											Wick ... {				5.21 11.50 6.21					
											Valencia ... {				5.23 11.50 6.19					
															5.37 12.8 6.40					
															5.39 12.8 6.37					
															6.11 12.37 7.4					
															6.13 12.37 7.1					

## NOTES ON THE WEATHER OF YESTERDAY.

Some very high temperatures for the time of year were recorded in England, 88° at Flamborough Head and Bedford and 89° at Westminster. Thunderstorms occurred at night at Valencia and Holyhead. Sunshine records were very good in England, but poor in Scotland and Ireland, where rain fell generally. The largest fall was 14mm at Leith.





METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.

No. 21,144.B .. SATURDAY, 13<sup>th</sup> SEPTEMBER 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																													
STATIONS.	BAROM. at M.S.L. m.b.	† Change in 3 hours.	WIND. Direc.	Force 0-12.	Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea.	BAROM. at M.S.L. m.b.	† Change in 3 hours.	WIND. Direc.	Force 0-12.	Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea.	
	13H. G.M.T. OF 12 <sup>th</sup>															18H. G.M.T. OF 12 <sup>th</sup>													
†Houton B. (Orkney)	1024.0	+2	WNW	2	bc	53	82	7	5-7000	St. Cu	3	F. Ci	2	2	1024.0	-1	NW	2	c	49	82	7	3-4000	St. Cu	5	ci	3	2	
Eskdalemuir ...	1024.3	0	NNE	3	oym	47	92	5	1 1/2-2000	Nb	10	-	-	*	1025.1	+2	NNE	4	oym	44	98	4	-	Nb	10	-	-	*	
†Stranraer ...	1022.8	-1	NNE	2	o	50	98	5	1 1/2-2000	St	10	-	-	*	1023.8	0	NE	3	o	47	98	3	1 1/2-2000	Nb	10	-	-	*	
†Lough Foyle ...	1025.1	-2	NE	5	bc	55	82	8	3-4000	Cu	4	-	-	3	1025.2	+2	NNE	5	bc	53	87	8	2-3000	Cu	4	-	-	4	
Valencia (Cahire'n)	1023.2	+1	NNE	4	bc	59	65	10	3-4000	Cu	5	-	-	3	1023.3	0	N	4	bc	57	65	6	3-4000	Cu	4	ci. Cu	2	3	
†Anglesey (Llangefni)	1018.4	0	ENE	4	do	55	92	3	1-1000	St	10	-	-	6	1018.5	+1	SSW	4	om	53	98	2	<500	Nb	10	-	-	6	
Falmouth ...	1015.5	-1	-	0	o3	68	75	6	-	St. Cu	9	-	-	*	1016.3	+1	NNW	2	oym	62	92	3	-	St	10	-	-	3	
†Calshot (Hants) ...	1016.5	-1	SSW	2	b	74	75	6	-	-	-	A. St	2	3	1016.6	0	WSW	2	o	62	98	5	1-1500	St	10	-	-	3	
†Capel (Folkestone)	1018.3	-1	SSW	3	em	70	65	7	-	-	-	ci	1	1	1017.3	-1	WSW	2	3	71	55	7	-	-	-	ci	5	2	
Aberdeen ...	1025.2	0	E	3	o	57	65	7	-	Cu	3	A. Cu	6	2	1025.5	0	ENE	2	o	52	75	7	-	-	-	A. St	9	2	
†East Fortune ...	1024.9	-3	NNE	2	r	51	92	5	1 1/2-2000	Nb	10	-	-	*	1026.0	+1	-	0	r	48	92	5	1-1000	Nb	10	-	-	*	
†Flamborough Head	1020.5	0	NNE	6	q	53	87	7	1-1500	St	10	-	-	*	1019.9	-1	NE	6	d	52	92	5	<500	St	10	-	-	*	
†Felixstowe ...	1017.6	-1	SW	2	b	72	75	4	-	-	-	ci	1	2	1016.7	0	SSW	3	bc	71	75	6	-	-	-	ci. St	5	3	
†Cranwell (Lincs)	1019.3	0	NE	3	do	57	98	4	1-1500	St	10	-	-	*	1018.3	0	NNE	3	r. f.	56	98	4	1 1/2-2000	Cu. Nb	10	-	-	*	
†Bedford ...	1017.2	-1	NNE	2	3.	66	82	2	2-3000	St	9	-	-	*	1016.9	+1	NNE	3	of	61	92	8	<500	St	10	-	-	*	
Benson ...	1015.2	-3	NNE	2	3.	74	75	5	-	-	-	-	-	*	1015.3	0	NE	2	b	68	87	4	-	-	-	ci	1	*	
London (Kew Obs.)	1015.7	-4	SW	3	by	79	45	7	-	-	-	ci	1	*	1015.7	0	SW	1	b	74	65	7	-	-	-	ci	2	*	
1H. G.M.T. OF 13 <sup>th</sup>															7H. G.M.T. OF 13 <sup>th</sup>														
†Houton B. (Orkney)	1026.3	+1	NW	1	c	50	92	6	2-3000	Cu	4	A. St	4	0	1026.2	0	SW	1	bc	46	92	6	2-3000	Cu	4	ci	2	1	
Eskdalemuir ...	1025.0	0	NE	3	o	45	92	7	-	Nb	1	A. St	9	*	1023.7	0	NNE	3	om.	47	87	6	1 1/2-2000	Nb	10	-	-	*	
†Stranraer ...	1024.0	0	-	0	o	49	87	4	1 1/2-2000	St	10	-	-	*	1024.1	+1	-	0	o	48	92	6	3-4000	St	9	A. St	1	*	
†Lough Foyle ...	1023.7	0	NNE	3	bc	53	*	*	*	*	*	*	*	3	1025.0	0	NNE	2	o	50	98	7	1 1/2-2000	Cu. Nb	6	A. St	3	4	
Valencia (Cahire'n)	1023.7	0	NNE	3	bc	53	*	*	*	*	*	*	*	3	1023.8	0	NE	4	c	52	75	8	2-3000	Cu	2	ci. St	5	3	
†Anglesey (Llangefni)	1019.3	0	E	5	q	53	92	-	1-1500	St	9	-	-	6	1019.9	+2	NNE	5	og	53	92	4	1-1000	Nb	9	-	-	6	
Falmouth ...	1016.8	-2	N	5	of	59	92	1	-	St	10	-	-	*	1016.9	+1	-	0	of	60	92	0	-	-	-	-	-	3	
†Calshot (Hants) ...	1018.0	+2	-	0	b	60	92	4	-	-	-	-	-	3	1016.9	+2	-	0	b	60	98	1	-	-	-	-	-	3	
†Capel (Folkestone)	1018.0	0	N	2	b	60	82	7	-	-	-	-	-	2	1017.8	0	N	3	ef	58	98	0	-	-	-	-	-	2	
Aberdeen ...	1025.8	0	-	0	b	40	98	8	-	-	-	-	-	*	1026.3	+1	NW	2	b	44	92	7	-	-	-	-	-	2	
†East Fortune ...	1025.5	-2	-	0	o	49	92	-	1-1000	Nb	10	-	-	*	1025.2	0	NNE	3	o	51	92	6	1-1500	Nb	10	-	-	*	
†Flamborough Head	1020.8	0	NE	5	od	54	82	5	<500	St	10	-	-	*	1020.9	+1	NE	4	o	54	87	7	<500	St	7	A. St	3	*	
†Felixstowe ...	1016.4	+1	NNW	2	o	57	98	-	-	-	-	-	-	3	?	+2	NNE	1	ef	58	98	0	<500	St	10	-	-	2	
†Cranwell (Lincs)	1019.9	+1	NE	3	3	54	98	4	1 1/2-2000	Cu. Nb	10	-	-	*	1019.3	+1	NE	3	o2	54	98	4	1-1500	St	10	-	-	*	
†Bedford ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.2	+1	NNE	3	of	56	98	7	1 1/2-2000	St	10	-	-	*	
Benson ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1017.6	+2	NNE	2	om	58	98	5	-	-	-	-	-	*	
London ...	1017.7	0	NNE	2	o	61	*	*	*	*	*	*	*	*	1018.4	+3	NE	3	om	59	92	4	-	-	-	-	-	*	
(M.O. at Lu.)																													
STATIONS CONTRIBUTING REPORTS AT 7H AND 18H.																													
STATIONS.	BAROM. at M.S.L. m.b.	TEMP. °F.	WIND. Direc.	Force 0-12.	Weather.	BAROMETER. at M.S.L. m.b.	TEMPERATURE. Temp. °F.	Change in 3 hours.	WIND. Direc.	Force 0-12.	Weather.	Sea.	Rainfall mm.	TEMP. Max. °F.	Min. °F.	Morning. °F.	Afternoon. °F.	Night. °F.	Sunshine Hours.										
	18H. G.M.T. OF 12 <sup>th</sup>					7H. G.M.T. OF 13 <sup>th</sup>					24 HOURS ENDED 7H. 13 <sup>th</sup>																		
Lerwick ...	1023.8	52	W	2	bm	1024.5	-1	47	-8	0	-	bcu	1	-	56	44	b	b	bm	*									
Stornoway ...	1026.7	53	NW	2	b	1026.4	+2	45	-4	NW	3	-	b	2	-	57	45	b. bc	b	11.2									
Castlebay (Barrals)	1026.4	54	N	3	b	1027.0	0	49	-3	0	-	b	1	-	59	46	bc. b	b	10.4										
Glasgow ...	1025.6	47	ENE	3	c	1025.9	+1	47	-1	NE	1	-	og	*	50	45	om	omg	c.c.c.ow.	0.0									
Malin Head ...	1023.8	54	N	3	bc	1024.7	0	52	-1	N	1	N	ch	1	2	68	51	bc	bc	ch	10.0								
Blacksod Point	1024.1	56	NNE	3	bcv	1025.4	+1	54	-1	NNE	2	-	bc	3	-	58	50	bc	bc	bc. bcv.	*								
Roche's Point...	1021.4	54	NNE	4	o	1021.7	0	51	-3	N	3	-	o	2	-	58	51	o	o	a.c.a.	*								
Birr Castle ...	1022.7	51	N	3	c	1023.2	*	49	-1	N	2	-	o	*	-	54	47	o	o	c.o.	0.7								
Donaghadee ...	1023.6	50	ENE	4	omr	1023.8	+1	52	-4	ENE	4	-	og	4	15	56	50	omp	omp	og.	*								
Liverpool (Bidston)	1019.5	54	ENE	4	o	1021.2	+3	51	-4	ENE	3	-	od	3	2	57	50	opm	opm	or.	0.0								
Holyhead ...	1018.5	54	ENE	6	opdm	1020.2	+2	53	-5	ENE	6	-	ofdm	5	3	58	52	opdm	opdm	apdm	0.0								
Pembroke (St. Ann's Head)	1016.2	57	NNE	3	odf	1018.2	+2	55	-2	ENE	3	-	or	3	3	62	55	aodf	odf	dfm.or.	0.0								
Scilly (St. Mary's)	1017.3	58	NNW	4	om	1017.6	0	57	-4	N	4	-	m	4	-	67	56	bcf	om	om	0.9								
Jersey (St. Aubin)	1016.1	70	WNW	2	b	1016.0	0	60	-6	-	0	-	fe	0	-	76	58	b	b	b. of.	*								
Portland Bill ...	1016.0	63	SSW	3	bc	1016.5	0	61	-2	NE	3	-	bc	2	-	66	58	b. f. o	o. bc	c. bc.	*								
Dunegness ...	1016.9	67	SW	1	b	1017.1	+1	60	-4	NNE	2	N	b	1	-	75	54	b.											



# SUMMARY OF CONDITIONS AT 7 A.M. Saturday, 13th September, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	NE-E 5-15	r. warm	Variable sky, mist or fog	var.	smooth
2. E. England	NE 2-10	r. warm	Dull, mist or fog, slight local rain.	bad	smooth
3. E. Midlands	NE 5-10	"	Cloudy or dull, local mist	fair	-----
4. W. Midlands	NE-E 5-10	"	Dull, local mist or drizzle	"	-----
5. S.W. England	NE-E 5-15	"	Fair to dull, local mist or fog.	bad	smooth
6. South Wales	NE-E 0-10	Moderate	Dull, local rain	poor	slight
7. North Wales	NE-E 15-28	"	Dull, local drizzle, mist and squalls.	ord.	r. rough
8. N.W. England	NE-E 10-15	"	Dull, local drizzle & mist	fair	slight
9. N. Midlands	NE-E 5-10	r. warm	Dull	ord.	-----
10. N.E. England	NE 10-20	Moderate	Dull, local squalls.	good	moderate
11. E. Scotland	Var. 0-10	r. cool	Variable sky	good	smooth
12. S.W. Scotland	NE-E 0-10	Moderate	Dull, local mist	good	slight
13. Isle of Man	NE-E 10-15	"	Dull, local mist & drizzle	fair	moderate
14. N. & N.W. Scotland	NW-NE 0-10	cool	Fair to dull	-----	smooth
15. Hebrides	Var. 0-10	r. cool	Fine	-----	smooth
16. Orkneys and Shetlands	SW-W 0-5	"	Fair local mist	fair	smooth
17. N.W. Ireland	NE 5	moderate	Fair or cloudy	good	slight
18. N.E. Ireland	N-NE 5-15	"	Cloudy or dull; local showers & squalls.	good	slight
19. S.E. Ireland	N-NE 2-10	r. cool	Dull, local drizzle	var.	slight
20. S.W. Ireland	N-NE 5-15	"	Fair to dull	good	slight

GENERAL INFERENCE from observations received up to 10 A.M.

The shallow depression that was over southern England yesterday is moving south, and there is a tendency for the Scottish anticyclone to spread southwards. The weather will be cool and for the most part cloudy with local showers at first, but will gradually improve.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**—  
 ○ clear sky. ○ sky & clouded.  
 ⊙ sky & clouded. ⊙ sky & clouded.  
 ⊕ overcast sky. ⊕ rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist.  
 T thunder. T thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough High

Districts.	Forecasts for the 24 hours commencing 3 p.m. Saturday, 13th September, 1919	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Moderate NE breeze; cloudy, local showers; cool.	The weather will be mainly fair or fine in northern Scotland for more than 24 hours. Elsewhere the outlook is more uncertain.
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Light or moderate W or NW breeze; fair; very cool.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Same as districts 1-13	



# SYNOPTIC CHART FOR MORNING OF SATURDAY, 13TH SEPTEMBER, 1919

Scale - 1:10,000,000

Nautical Miles  
Statute Miles



## Scale of Surface Visibility.

Very Bad	Bad	Objects not visible beyond	200 metres.
1.	2.	500 "	(545 yards)
3.	4.	1,000 "	(0.6 mile)
5.	6.	2,000 "	(1.2 miles)
7.	8.	4,000 "	(2.5 " )
9.	10.	7,000 "	(4.3 " )
11.	12.	12,000 "	(7.5 " )
13.	14.	20,000 "	(12.4 " )
15.	16.	30,000 "	(18.6 " )
17.	18.	Objects visible beyond 30,000 metres, (18.6 miles)	



[illegible]

STATIONS.	SUMMARIES FOR PAST 24 HOURS.									
	WEATHER				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	RAINFALL.		Sun. Hours.
	7h-13h.12 <sup>h</sup>	13h-18h.12 <sup>h</sup>	18h.12 <sup>h</sup> -1h.12 <sup>h</sup>	1h-7h.12 <sup>h</sup>				Day. 7h-13h	Night. 13h-7h	
†Houton Bay (Orkney)...	vq	bc.cv	b.bcv	b.bc.d	54	45	*	*	*	*
Eskdalemuir ... ..	onottr	ont.orm	orm.omp	o	48	43	43	7	3	0.0
†Stranraer ... ..	op	op <sub>2</sub>	cpa <sub>2</sub>	o	51	47	*	*	*	*
†Lough Foyle ... ..	b.bcv	b.bcv	c	c	56	49	*	*	*	*
Valencia (Cahiriveen) ...	a.c. bc	c. bc		c	59	50	48	-	-	7.2
†Anglesey (Llangefni) ...	o d <sub>2</sub>	o <sub>3</sub>	o p d <sub>2</sub>	o p d <sub>2</sub>	74	51	*	*	*	*
Falmouth ... ..	omaco	o <sub>3</sub> g <sub>2</sub> m	om	ofe	70	59	58	-	-	3.0
†Calshot (Hants) ... ..	b <sub>2</sub>	c. o	bc. c	of <sub>2</sub>	75	57	*	*	*	*
†Capel (Folkestone) ... ..	3. b. bc	3. b. bc	v. 3	ef <sub>2</sub>	76	57	*	*	*	*
Aberdeen ... ..	ompo	o. c. o	c. bc	bw.	58	42	38	-	-	1.0
†East Fortune ... ..	r. o	o. of <sub>2</sub>	f <sub>2</sub>	o. r.	67	46	*	*	*	*
†Flamborough Head ... ..	oq	q. d <sub>2</sub>	d. q.	oq.	72	51	*	*	*	*
†Felixstowe ... ..	b <sub>3</sub>	b. bc <sub>3</sub>	b. bcw	of <sub>2</sub> ef <sub>2</sub>	75	56	*	*	*	*
†Cranwell (Lines) ... ..	pd <sub>2</sub> 3	3 d <sub>2</sub>	d. of <sub>2</sub>	om. fd <sub>2</sub>	57	52	*	*	*	*
†Bedford ... ..	om, e	r. f <sub>2</sub>		om. fd <sub>2</sub>	88	54	*	*	*	*
Benson ... ..	bm	b <sub>3</sub>	cg.		75	57	56	-	-	*
London (Kew Obsy.) ... ..	b <sub>3</sub> bw. bc	b <sub>4</sub> . b	b. om.		81	58	52	-	-	11.4

**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.

**THE BEAUFORT SCALE OF WIND FORCE.**

No.	Limits of Velocity.	
	Statute miles per hour.	Metres per second
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
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	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.6
12	Above 75	33.6 or above

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 2=heavy. Underlining is used to express continuity.

**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.		Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.												
	24 HOURS ENDED 9H G.M.T. 13 <sup>th</sup> .....								YESTERDAY.	TODAY.																	
Greenwich (Royal Observatory)	b	b. bc.	c.o. om.	86	58	49	-	10.9	39	95	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Yarmouth... {	5.25	11.49	6.16												
City (Bunhill Row) ... ..	*	*	*	*	*	*	*	9.1								Greenwich {	5.27	11.49	6.13								
Westminster (St. James's Park)	*	*	*	86	60	58	-	9.7	40	89										Total ..... 140.6 ..... Joules.	5.31	11.56	6.22				
" (Admiralty Arch)	b.m	bcz	bc. om	85	60	*	-	9.5	41	91														Milliwatts.	5.33	11.56	6.19
Camden Sq. (British Ratfoll)	b	b	*	86	59	57	-	8.8	40	91																	
Kensington Palace ... ..	bc	bc	*	85	59	55	-	*	58 (184)	95	Maximum Rate. 57	5.39	12.8	6.37													
															Valencia ... {	6.11	12.37	7.4									
																			6.13	12.37	7.1						

NOTES ON THE WEATHER OF YESTERDAY.

The temperature reached 85° in London, and at Southend and 88° at Bedford. Over the Midland Counties and in the north, however, very much cooler conditions prevailed. At Glasgow the maximum temperature was only 50°, and at Harrogate 52°.

Rainfall was very scattered, 15mm at Donaghadee and Edinburgh, but none in the south of England. Sunshine was abundant in SE and E England, and in the Hebrides. There was considerable coastal fog in the south of England and the south of Ireland.

† Air Ministry Station.

Information for these columns not usually received.

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METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.

No 21, 115 B

SUNDAY, 14<sup>th</sup> SEPTEMBER 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 10, 11, 12, AND 13H																																
STATIONS	BAROM.	Change	WIND.		Weather	TEMP.	Humidity.	Visibility.	Height	Low Cloud		Upper Cloud		Sea	BAROM.	Change	WIND.		Weather	TEMP.	Humidity.	Visibility.	Height	Low Cloud		Upper Cloud		Sea				
	at	in	Dirac.	Force		°F.	%	0-10.	Feet.	Form.	Am.	Form.	Am.	0-9.	at	in	Dirac.	Force		°F.	%	0-10.	Feet.	Form.	Am.	Form.	Am.	0-9.				
	M.S.L.	3 hours.		0-12.							0-10.				M.S.L.	3 hours.		0-12.								0-10.						
13H. G.M.T. OF 13 <sup>th</sup>																18H. G.M.T. OF 13 <sup>th</sup>																
Houton B. (Orkney)	1016.7	+1	WNW	1	c	52	75	6	5-7000	Nb	7	-	-	1	1024.9	-1	WNW	1	b	49	75	6	5-7000	Cu	1	A.St	1	0				
Eskdalemuir	1024.9	0	NE	4	om	51	82	7	2-3000	St	10	-	-	*	1024.1	0	NE	2	o	50	82	7	-	St	10	-	-	*				
Stranraer	1023.9	0	NE	1	o	58	75	6	2-3000	St.Cu	8	A.St	1	*	1023.7	0	-	o	o	54	92	7	2-3000	St.Cu	8	A.St	2	*				
Lough Foyle	1026.4	-1	ENE	3	bc	54	82	5	3-4000	Cu	5	-	-	3	1025.6	?	NNE	4	bc	53	82	7	2-3000	Cu	3	Ci	1	2				
Valencia (Cahire'n)	1023.5	-1	N	4	c	57	65	10	2-3000	St.Cu	5	A.Cu	2	3	1023.9	0	NNE	4	c	56	65	10	3-4000	Cu	7	Ci.Cu	1	3				
Anglesey (Llangefni)	1020.8	0	ENE	4	om	55	87	5	<500	St	10	-	-	4	1020.8	0	NNE	4	o	56	82	6	1-1000	Nb	10	-	-	*				
Falmouth	1017.1	-1	E	3	om	62	92	5	-	St	10	-	-	-	1016.5	-1	-	o	om	61	92	4	-	St	10	-	-	*				
Calshot (Hants)	1017.2	0	ENE	2	f	70	92	4	-	-	-	-	-	4	1017.0	0	ENE	1	o	60	92	5	<500	St	10	-	-	4				
Capel (Folkestone)	1018.2	-1	NNE	3	3	63	87	4	-	St	3	A.St	4	3	1018.0	0	ENE	4	of	60	92	3	<500	St	10	-	-	3				
Aberdeen	1025.7	0	ENE	3	bcvy	57	55	8	-	St.Cu	4	-	-	2	1025.2	-1	ENE	1	b	50	65	8	-	-	Ci	1	2					
East Fortune	1023.6	0	NE	3	c	54	75	6	1-2000	Cu	6	A.Cu	1	-	1024.5	0	NE	1	bc	51	82	6	1-4000	St.Cu	2	Ci.St	3	*				
Flamborough Head	1021.8	0	NE	4	d	54	82	7	2-3000	St	7	A.St	3	*	1021.0	0	NE	5	d	53	87	7	1-1000	St	8	A.St	2	*				
Felixstowe	1019.3	+1	NE	2	o	63	82	3	2-3000	St	10	-	-	2	1019.2	0	NNE	3	om	60	87	3	-	St	10	-	-	2				
Cranwell (Lincs)	1020.9	0	NE	3	o	58	82	6	1-1500	St	10	-	-	-	1021.3	0	NE	3	o	55	82	7	1-1500	St	10	-	-	*				
Bedford	1019.4	0	NNE	2	om	59	87	-	2-3000	St	10	-	-	*	1019.7	0	NE	2	of	57	92	8	1-2000	St	10	-	-	*				
Benson	1018.6	0	NE	3	o	59	92	4	-	-	-	-	-	*	1018.0	0	NE	4	o	57	98	3	-	St	10	-	-	*				
London (Kew Obs.)	1018.4	-1	ENE	2	om	62	87	4	-	St	10	-	-	*	1017.9	0	E	2	om	62	82	4	-	St	10	-	-	*				
1H. G.M.T. OF 14 <sup>th</sup>																TH. G.M.T. OF 14 <sup>th</sup>																
Houton B. (Orkney)	1024.0	-2	SW	1	?	87	3	4-5000	St.Cu	3	Ci	2	1	1024.0	0	WSW	2	T.fz	46	98	3	12-2000	St.Cu	8	-	-	-	1				
Eskdalemuir	1025.1	+1	NNW	2	b	39	92	7	-	-	A.Cu	2	*	1025.5	+1	N	2	bw	39	87	8	-	-	Ci	3	*	*					
Stranraer	1024.2	0	-	o	o	48	98	3	2-3000	St.Cu	6	A.St	3	*	1024.6	+1	-	o	bc	41	92	5	2-3000	St.	3	A.Cu	1	*				
Lough Foyle	1022.8	-1	ENE	2	bc	53	*	*	*	*	*	*	0	1025.3	0	NNE	2	c	49	87	7	2-3000	St.Cu	2	A.St	5	*					
Valencia (Cahire'n)	1022.8	-1	ENE	2	bc	53	*	*	*	*	*	*	0	1023.8	+1	NE	3	c	52	82	8	2-3000	St.Cu	5	A.Cu	2	3					
Anglesey (Llangefni)	1017.0	0	ENE	3	om	61	92	4	-	St	10	-	-	*	1022.1	+1	E	3	o	53	87	5	1-1500	St.	10	-	-	5				
Falmouth	1017.0	0	ENE	3	om	61	92	4	1-1000	St	10	-	-	*	1017.8	+2	NE	2	odfe	59	92	0	-	-	-	-	-	*				
Calshot (Hants)	1017.8	0	NE	3	o	61	92	4	1-1000	St	10	-	-	5	1018.6	+1	ENE	3	o	59	92	6	1-1000	St.	10	-	-	3				
Capel (Folkestone)	1018.6	+1	NNE	5	od	57	98	2	1-500	St	10	-	-	-	1018.6	+1	NNE	5	od	57	98	2	1-500	St	10	-	-	4				
Aberdeen	1024.6	0	-	o	b	37	98	6	2-3000	St.Cu	1	-	-	*	1025.0	+1	NW	2	b	38	98	7	-	-	-	-	-	2				
East Fortune	1025.4	0	-	bc	40	82	4	-	-	A.Cu	6	-	-	*	1025.1	+1	-	o	c	38	92	5	3-4000	St.Cu	7	-	-	*				
Flamborough Head	1021.4	-2	NNE	4	T.g	52	87	7	1-1000	St	10	-	-	*	1022.0	+1	NE	3	T.g	52	92	7	1-1500	St.	10	-	-	*				
Felixstowe	1019.2	-2	NNE	3	o	56	92	5	4-5000	St.Cu	9	-	-	3	1019.6	0	N	3	om	56	92	4	3-4000	St.	10	-	-	3				
Cranwell (Lincs)	1021.0	-1	NNE	2	o	53	92	6	1-2000	St	10	-	-	*	1021.8	+1	NNE	3	o	50	92	7	1-2000	St.	10	-	-	*				
Bedford	1020.7	+1	NNE	3	om	59	92	8	3-4000	St.	10	-	-	*	1020.7	+1	NNE	3	om	59	92	8	3-4000	St.	10	-	-	*				
Benson	1019.7	+1	NNE	2	o	54	92	7	-	St	10	-	-	*	1019.7	+1	NNE	2	o	54	92	7	-	St.	10	-	-	*				
London (Kew Obs.)	1018.5	0	ENE	2	or	57	*	*	*	*	*	*	*	*	1019.6	+2	NNE	3	om	56	87	5	-	St.	10	-	-	*				
STATIONS CONTRIBUTING REPORTS AT 7H AND 18H.																																
STATIONS.	BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.		WIND.		Weather	Sea	Rainfall	TEMP.			WEATHER.			Sunshine											
	at	°F.	Dirac.	Force		at	Change	Temp.	Change	Dirac.	Force				Max.	Min.	Morning.	Afternoon.	Night.													
	M.S.L.			0-12.		M.S.L.	in 3 hours.	°F.	in 24 hours.		0-12.				°F.	°F.	°F.	°F.	°F.													
18H. G.M.T. OF 13 <sup>th</sup>																7H. G.M.T. OF 14 <sup>th</sup>										24 HOURS ENDED 7H. 14 <sup>th</sup>						
Lerwick	1023.2	51	-	0	bcu	1021.6	0	50	+3	SW 1	-	b	1	1	56	47	bm	bm	op	8												
Stornoway	1024.0	54	SSW	2	bc	1023.8	0	47	+2	SW 1	-	o	0	1	57	44	bo	o.bc	bc.op	8.1												
Castletown (Barrats)	1025.7	54	NW	2	o	1024.9	0	51	-2	-	0	-	-	1	55	48	b	o.op.c	bc.op	11.5												
Glasgow	1024.0	52	E	1	bc3	1025.8	+1	38	-9	ENE 2	-	bm	*	Trace	57	36	o	o.c3	bc.byx	1.1												
Malin Head	1024.8	54	E	2	bc	1024.7	0	51	-1	E 1	E	bcv	1	-	58	48	bc	bc	bc	10.3												
Blacksod Point	1026.4	55	NNE	3	bv	1024.6	0	46	-8	SW 1	-	bc	1	0.3	57	41	bc	bv	bo.bc	*												
Roche's Point	1021.5	56	NNW	3	o	1022.3	+2	53	+2	NNE 1	NE	bc	1	-	58	51	o	o3	o.b.c3	*												
Birr Castle	1022.8	55	N	2	o	1023.7	3	49	0	N 1	-	o	*	-	56	38	o	o	o	0.0												
Donaghadee	1024.4	54	ENE	4	om	1024.6	+2	53	+1	E 2	N	cy	-	-	53	49	o3.bq	bcq.om	om.bcv	*												
Liverpool (Bidsdon)	1021.2	56	ENE	3	o	1022.6	0	52	+1	ENE 3	-	og	3	-	59	51	om	og	om	0.0												
Holyhead	1021.2	57	ENE	4	omg	1022.2	+1	54	+1	ENE 5	-	og	3	-	57	52	omg	omg	dm.cog	0.0												
Penbroke (St. Ann's Head)	1019.0	59	NE	3	o	1019.9	+1	54	-1	ENE 3	-	o	2	1	61	55	o	o	op.o	0.0												
Sally (St. Mary's)	1017.0	60	NE	3	fe	1017.7	0	58	+1	NE 2	-	fe	3	12	64	56	om.f	fe	omfe	0.0												
Jersey (St. Aubin)	1014.9	67	NNE	2	bm	1016.2	0	61	+1	E 1	-	bm	1	-	72	57	oef.m	om.bm	bm.f.bw	1.4												
Portland Bill	1016.0	6																														



# SUMMARY OF CONDITIONS AT 7 A.M. Sunday, 14th September, 1919.

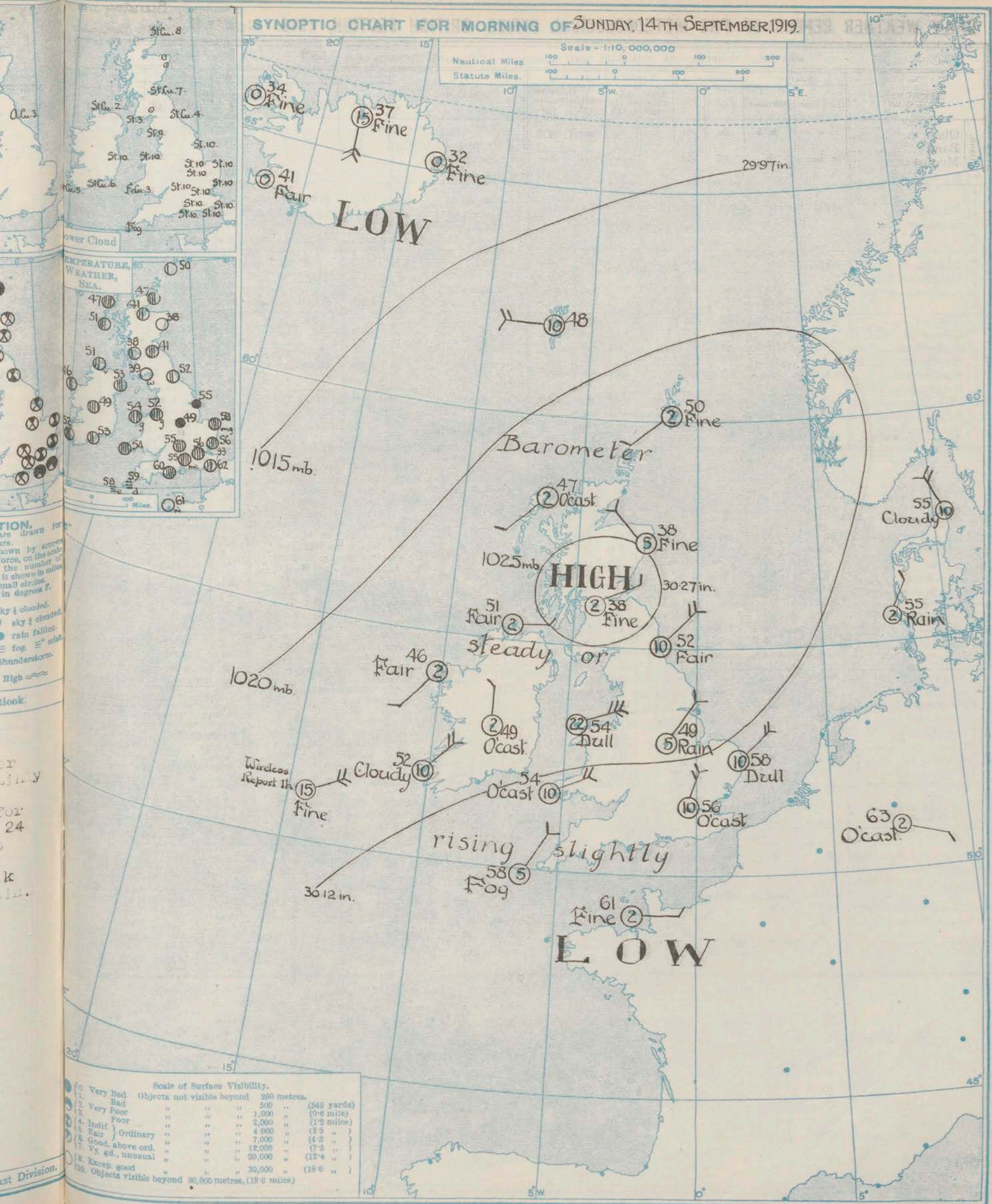
Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	NNE NE 5-10	Above normal.	Cloudy to overcast; fog & light drizzle.	Var.	Moderate
2. E. England	NNW NE 5-10	Moderate	Overcast; mist and haze.	Ord.	Slight.
3. E. Midlands	NNE 10	"	Overcast	V. good	"
4. W. Midlands	NNE 5	"	Overcast	"	"
5. S.W. England	NE 5-10	Above normal	Overcast; foggy, light rain.	V. bad	Smooth
6. South Wales	NE 10	Moderate	Overcast	Ord.	"
7. North Wales	NE ENE 10-20	"	Overcast	"	Moderate
8. N.W. England	ENE NE 10	R. cool	Cloudy to overcast	Good	Slight
9. N. Midlands	NE 5	"	Overcast rain & nothing	"	"
10. N.E. England	NE 10-15	Moderate	Variable cloud; rain & sun.	V. r.	Mod.
11. E. Scotland	Under 10 in definite	V. cold	Spun. Hd. & F. above	V. good	Smooth.
12. S.W. Scotland	"	"	"	"	"
13. Isle of Man	NE 5-10	Moderate	Cloudy	"	Slight
14. N. & N.W. Scotland	Under 5 in definite	R. cool	Fair to cloudy	"	Smooth
15. Hebrides	"	"	Cloudy to overcast	"	"
16. Orkneys and Shetlands	SW WSW 2-5	Moderate	Light rain & fog in Orkneys; fine in Shetlands	V. r.	"
17. N.W. Ireland	SW 2	V. cold	Fair generally	"	"
18. N.E. Ireland	E NE 2-5	Moderate	Fair to cloudy	V. good	Slight
19. S.E. Ireland	N NE 2-10	"	Overcast	Ord.	"
20. S.W. Ireland	N NE 2-10	"	Fair to cloudy	Var.	Smooth.





# SYNOPTIC CHART FOR MORNING OF SUNDAY, 14TH SEPTEMBER, 1919.

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



## Scale of Surface Visibility.

Symbol	Description	Objects not visible beyond	200 metres
1	Very Bad	"	500 "
2	Bad	"	1,000 "
3	Poor	"	2,000 "
4	Indif.	"	4,000 "
5	Fair	"	7,000 "
6	Good, above ord.	"	12,000 "
7	Vy. gd., unusual	"	20,000 "
8	Except. good	"	30,000 "
9	Objects visible beyond	30,000 metres	(18.6 miles)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No 257 B

Sunday  
14th September

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. 12h-1h. 12 <sup>h</sup> .	Day. 9h-12h. 13 <sup>h</sup> .	to 17h. 13 <sup>h</sup> .	Sunrise to Sun- set. 12 <sup>h</sup> .			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 12h-1h. 12 <sup>h</sup> .	Day. 9h-12h. 13 <sup>h</sup> .	to 17h. 13 <sup>h</sup> .	Sunrise to Sun- set. 12 <sup>h</sup> .
Scotland.	Oban ... ..	*	bc.b	60	43	-	-	9.1	7.5	England, N.W.	Douglas (I.O.M.)								
	Banff ... ..										Blackpool ... ..								
	Montrose ... ..	o.bc	bc	55	44	-	-	4.4	0.0		Southport ... ..	o	o	58	52	-	-	0.0	0.0
	St. Andrews ... ..																		
England, N.E.	Harrogate ... ..	op.c	o.c	56	48	2	-	0.0	0.0	Midlands.	Buxton ... ..	c	ct.cnc	54	48	-	1	0.0	0.0
	Skegness ... ..										Leamington Spa... ..	om	ome	58	54	-	-	0.0	0.0
											Malvern ... ..								
											Ross-on-Wye ... ..	gdmom	gdm	56	54	0.2	trace	0.0	0.0
England, E.	Felixstowe ... ..	of3	om	64	57	-	-	0.0	0.0	Wales.	Rhyl ... ..								
	Walton-on-Naze... ..										Colwyn Bay ... ..								
	Southend-on-Sea... ..	om	om	64	57	-	-	0.0	0.0		Llandudno ... ..								
											Aberystwyth ... ..	o.c	o	60	56	-	-	0.0	0.0
England, S.E.	Margate ... ..	3.0	c	63	58	-	-	0.0	10.5	England, S.W.	Weymouth ... ..								
	Ramsgate ... ..	*	m	63	57	-	-	0.0	10.2		Teignmouth ... ..								
	Folkestone ... ..	bc.o	c.bc.o	72	58	-	-	6.9	10.2		Torquay ... ..								
	Hastings ... ..	b	b	73	55	-	-	6.6	?		Paignton ... ..	o.bc	bc.om	69	57	-	-	2.6	7.3
	Eastbourne... ..	bc.b.bc	bc	69	58	-	-	7.0	10.5		Penzance ... ..								
	Brighton ... ..										Newquay ... ..								
	Worthing ... ..	b	b	73	56	-	-	8.5	10.9		Bude ... ..								
	Littlehampton ... ..	*	*	71	56	-	-	8.4	?		Ilfracombe ... ..								
	Bournemouth ... ..	*	*	71	58	-	-	3.8	9.4		Weston-s-Mare ... ..								
	Tunbridge Wells ... ..	om.c	c.bc.cm	69	56	-	-	1.1	9.2										

SUMMARY FOR PAST 24 HOURS.										THE BEAUFORT SCALE OF WIND FORCE.		
STATIONS.		WEATHER				Max. Temp. F.		Min. Temp. F.		Limits of Velocity.		
		7h-13h	13h-18h	18h-12h	12h-7h	Temp. F.	Temp. F.	Temp. F.	Temp. F.			
Houton Bay (Orkney) ...		bc.c3	b.bc3	3	bc.c.2	53	44	*	*	No.	Statute miles per hour.	Metres per second.
Eskdalemuir ...		od.o	o	o.c.b.bc.b	bw	52	36	32	Trace	0	Less than 1	Less than 0.3
Stranraer ...		c	c	c	b.bc	59	40	*	*	1	1-8	0.3-1.5
Lough Foyle ...		bc.c	b.bc3	b.bc	c	58	48	*	*	2	4-7	1.6-3.3
Valencia (Cahirciveen) ...		c.bc.c	c.o.c	c		58	49	45	-	3	8-12	5.4-5.4
Anglesey (Llangefni) ...		omg	q.o	o	odfe	56	52	*	*	4	13-18	5.5-7.9
Falmouth ...		om.od.o	om	om	odfe	63	59	57	Trace	5	19-24	8.0-10.7
Calshot (Hants) ...		f2	o	of	o	75	57	*	*	6	25-31	10.8-13.8
Capel (Folkestone) ...		ef.co	bc.c3	of	ef.pd	75	57	*	*	7	32-38	13.9-17.1
Aberdeen ...		b.bvq	bvq.b	b.bmx		59	35	29	-	8	39-46	17.2-20.7
East Fortune ...		cpd.	3.em	b.bc.e		55	37	*	*	9	47-54	20.8-24.4
Flamborough Head ...		cpd.	og	d.q	d.q	59	50	*	*	10	55-63	24.5-28.4
Felixstowe ...		of	om.-3	c.om	opd.	72	55	*	*	11	64-75	28.5-33.5
Cranwell (Lincs) ...		3.o	o	om.o	op	58	48	*	*	12	Above 75	83.6 or above
Bedford ...		omp.	ompd.	ompd.		76	51	*	*	Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 2=heavy. Underlining is used to express continuity.		
Benson ...		o	o	o		60	54	54	-			
London (Kew Obsy.) ...		om	om	oe.o		62	55	53	Trace	<b>SYMBOLS—</b> 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. min.	Sun- shine to Sun-set. 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.						12 h. G.M.T.	9 h. G.M.T.		14 <sup>th</sup> & 15 <sup>th</sup> September..... 1919.																		
	24 HOURS ENDED 9h G.M.T. 14 <sup>th</sup>							YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.			Stations.	Sunrise.	Noon.	Sunset.														
Greenwich (Royal Observatory)	o.	o	od. o	64	55	55	Trace	0.0	85	87.	Total ..... Joules.  ..... Milliwatts. Average Rate. — Maximum Rate. —	Yarmouth...	5.27	11.40	6.11															
City (Bunhill Row)	*	*	*	*	*	*	*	*	*	*						Greenwich	5.28	11.48	6.19											
Westminster (St. James's Park)	*	*	*	*	*	*	*	*	*	*										Wick	5.35	11.56	6.17							
Admiralty Arch	omd.	omd. om	omd. om	65	55	*	—	0.0	82	87														Valencia	5.36	11.56	6.15			
Camden Sq. (British Railways)	og	og	*	64	55	56	—	0.0	86	84																		5.41	12.8	6.38
Kensington Palace	o	o	*	63	55	55	0.1	*	85 (0.1)	88																				
											6.15 <sup>h</sup>	12.37	6.59																	
														6.16	12.36	6.57														

NOTES ON THE WEATHER OF YESTERDAY.										TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.		
The highest temperatures recorded were 76° at Bedford and 75° near Folkestone and at Calshot (Hants). Ground frost was not uncommon in Scotland, and the temperature failed to reach 60° both there and in Ireland. Rainfall was again soft and, many stations getting none. Sunshine records were good in the Hebrides, but elsewhere they were nearly all very poor. The Aurora Borealis was seen in Scotland. Slight thunderstorm activity occurred at Buxton and Dungeness.										14th & 15th September 1919.		
		Stations.		Sunrise.		Noon.		Sunset.				
				G.M.T.		G.M.T.		G.M.T.				
		Yarmouth...		5.27		11.49		6.11				
				5.28		11.48		6.9				
		Greenwich		5.35		11.56		6.17				
				5.36		11.56		6.15				
		Wick		5.41		12.8		6.35				
				5.43		12.7		6.32				
		Valencia		6.15		12.37		6.59				
				6.16		12.36		6.57				

† Air Ministry Station.

\* Information for these columns not usually received.

Printed at the Meteorological Office, South Kensington, London, S.W. 8.  
By WYMAN & SON LTD., Peter Lane, London, E.C. 4, and Reading.



Sea  
0-9.

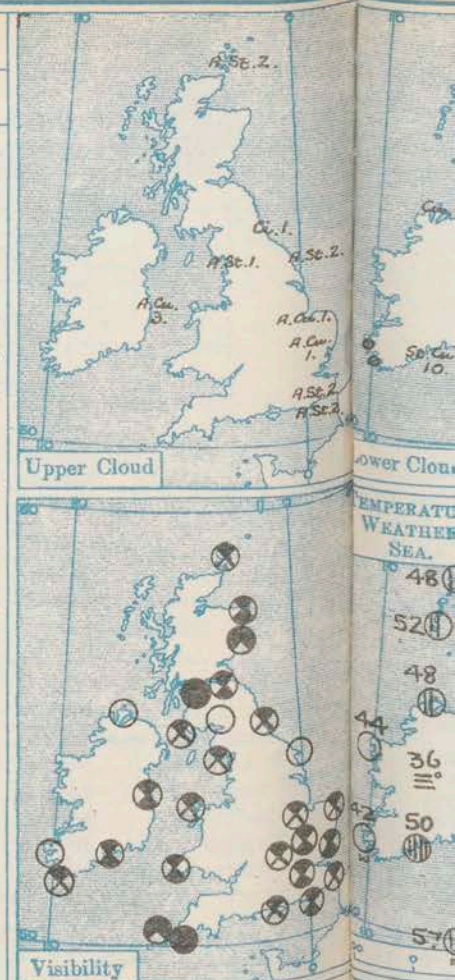
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2



# SUMMARY OF CONDITIONS AT 7 A.M. Monday, 15th September, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	N-NE. 5-15	R. warm	Dull; mist and light rain locally.	Good	Mod.
2. E. England	N-NE. 5-15	Mod.	Variable sky.	"	"
3. E. Midlands	N-NE. 5	R. cool.	Variable sky.	"	"
4. W. Midlands	NE-E. 5	"	Fair to dull.	"	"
5. S.W. England	N-E. 10-20	Mod.	Dull, local mist and rain.	Poor	Slight
6. South Wales	E-NE. 5	"	Cloudy.	Ord.	Smooth
7. North Wales	E-NE. 5-15	"	Cloudy or dull.	Good	"
8. N.W. England	NE. 5-10	R. cool	Fine or fair, local mist.	Fair	Smooth
9. N. Midlands	NE. 5-10	"	Fine or fair.	Good	"
10. N.E. England	Var. 5-15	"	Fine to cloudy; local mist.	Var.	Slight
11. E. Scotland	Var. 0-5	Cool	Fine or fair, local haze and frost.	Indiff.	Smooth
12. S.W. Scotland	Var. 0-2	"	Fine, local mist and frost	Var.	"
13. Isle of Man	E-NE. 5-10	R. cool	Fair or cloudy.	Fair	"
14. N. & N.W. Scotland	S. 5-10	"	Fine	Ord.	"
15. Hebrides	S-SW. 10	Moderate	Fine or fair	"	"
16. Orkneys and Shetlands	S-W. 2-10	"	Fine or fair	Good	"
17. N.W. Ireland	Calm	Cool	Fine	"	"
18. N.E. Ireland	Var. 0-2	"	Fine or fair	Good	"
19. S.E. Ireland	Var. 0-2	V. cool	Cloudy, local mist.	Indiff.	"
20. S.W. Ireland	N. 0-2	Cool	Variable sky.	Good	"



**GENERAL INFERENCE** from observations received up to 10 a.m.  
 An anticyclone is situated over the British Isles. The barometer is rising generally. Fair weather is, therefore, likely to continue over the Kingdom.

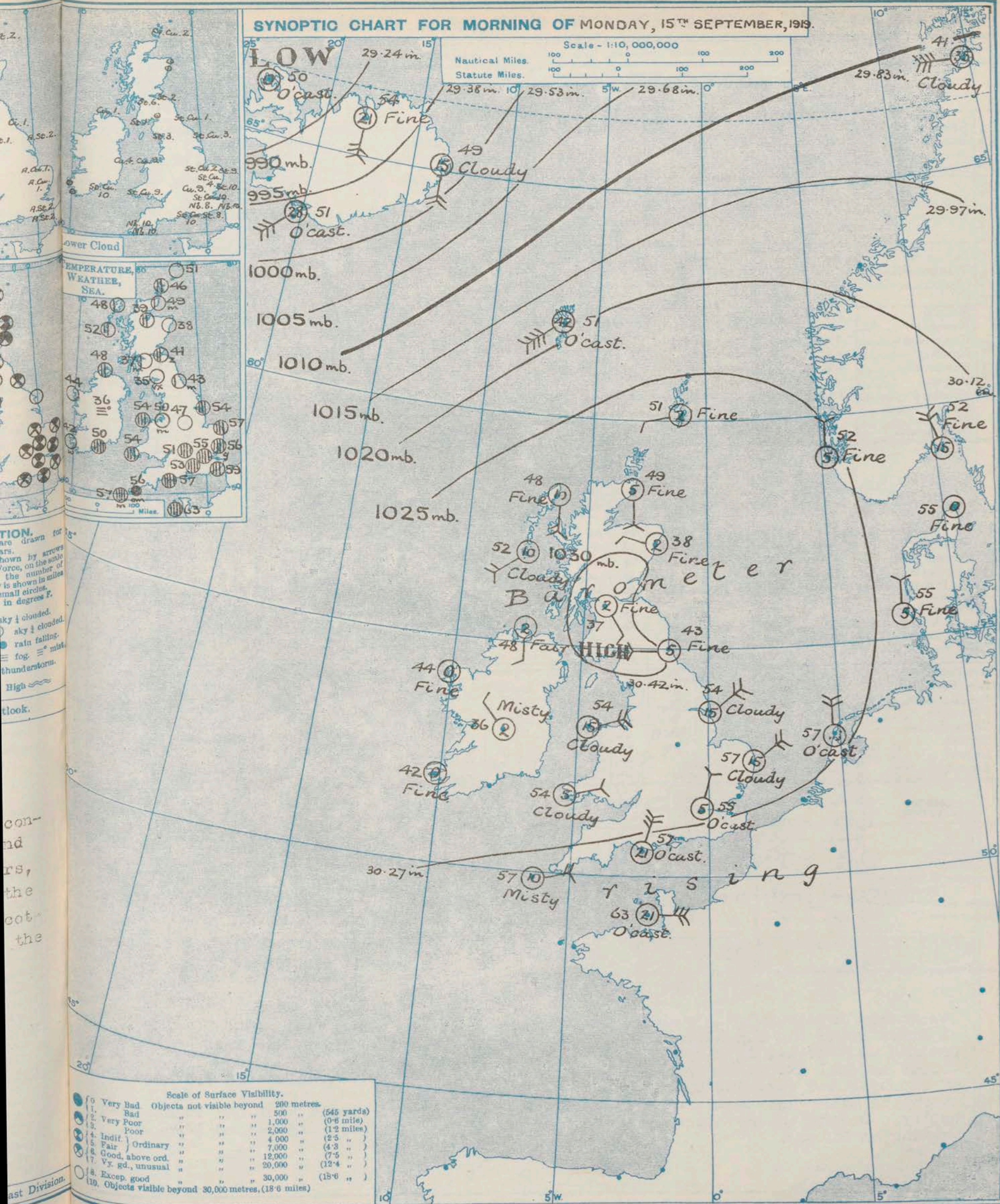
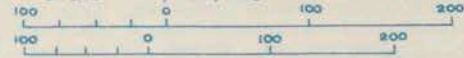
**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**  
 ○ clear sky. ○ sky & clouded.  
 ⊙ sky & clouded. ⊙ sky & clouded.  
 ⊕ overcast sky. ⊕ rain falling.  
 \* snow. ▲ hail. ≡ fog ≡ mist.  
 T thunder. T thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough High

Districts.	Forecasts for the 24 hours commencing 3 p.m. Monday, 15th September, 1919	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Light North or North-East breezes. Fair or cloudy, local mist, especially in morning. Cool.	Fair weather is likely to continue beyond the 24 hours, except in the north of Scotland where the outlook is uncertain.
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Light Sly. or variable breezes. Fair or fine, local mist, especially in morning. Cool.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light Nly. or variable breezes. Fair or fine, local mist especially in morning. Cool.	



LOW

Nautical Miles  
Statute Miles.



#### Scale of Surface Visibility.

State of Surface Visibility				
1.	Very Bad	Objects not visible beyond	200 metres.	
2.	Bad	"	"	(545 yards)
3.	Very Poor	"	"	1,000 "
4.	Poor	"	"	2,000 "
5.	Indif.	"	"	4,000 "
6.	Fair	Ordinary	"	7,000 "
7.	Good, above ord.	"	"	12,000 "
8.	Vy. gd., unusual	"	"	20,000 "
9.	Excep. good	"	"	30,000 "
10.	Objects visible beyond 30,000 metres. (18·6 miles)			

ast Division.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 258. B

Monday  
15<sup>th</sup> September

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h. 13 <sup>th</sup> .	Day. 9h-17h. 14 <sup>th</sup> .	to 17h. 14 <sup>th</sup> .	Sunrise to Sunset. 15 <sup>th</sup> .		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h. 13 <sup>th</sup> .	Day. 9h-17h. 14 <sup>th</sup> .	to 17h. 14 <sup>th</sup> .	Sunrise to Sunset. 15 <sup>th</sup> .
Scotland.									England, N.W.								
Oban ... ..									Douglas (I.O.M.)								
Banff ... ..	bc	b	57	33			7.9	?	Blackpool ... ..								
Montrose ... ..									Southport ... ..								
St. Andrews ... ..																	
England, N.E.									Midlands.								
Harrogate ... ..	o	o	54	48			0.0	0.0	Buxton ... ..								
Skegness ... ..									Leamington Spa ... ..	or	or	55	50	3	2	0.0	0.0
									Malvern ... ..								
									Ross-on-Wye ... ..	gpm dm	dm om	54	51	1	0.3	0.0	0.0
England, E.									Wales.								
Felixstowe ... ..	om	o	62	58			0.0	0.0	Rhyl ... ..	g	g	53	52			0.0	0.0
Walton-on-Naze ... ..									Colwyn Bay ... ..								
Southend-on-Sea ... ..	omd	om	63	55			0.0	0.0	Llandudno ... ..	o	o	59	53			0.4	?
									Aberystwyth ... ..								
England, S.E.									England, S.W.								
Margate ... ..	*	o	65	56			0.0	0.0	Weymouth ... ..								
Ramsgate ... ..									Teignmouth ... ..								
Folkestone ... ..	o.c	bc.c	64	61			1.3	6.9	Torquay ... ..	o	o	61	59			0.0	?
Hastings ... ..	o.c	bc.b	66	58			2.4	6.6	Paignton ... ..	om	om	60	58			0.0	?
Eastbourne ... ..	o.bc	o	60	59			2.1	8.2	Penzance ... ..	odf	of	63	60	1	0.1	0.0	?
Brighton ... ..	bc	bc	69	58			7.8	?	Newquay ... ..	o	o	62	59	1		0.0	?
Worthing ... ..	b bc	bc.c	67	58			5.0	8.9	Bude ... ..								
Littlehampton ... ..	*	*	69	57			5.6	?	Ilfracombe ... ..								
Bournemouth ... ..	*	*	65	57			0.1	3.8	Weston-s-Mare ... ..								
Tunbridge Wells ... ..	o	o	62	55			0.0	1.1									

## STATIONS.

## SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	RAINFALL.		Sun. hours.
	7h-13h 14 <sup>th</sup> .	13h-18h 14 <sup>th</sup> .	18h-24h 14 <sup>th</sup> .	1h-7h 15 <sup>th</sup> .				Day. 7h-18h.	Night. 18h-7h.	
†Houton Bay (Orkney) ... ..	o r	b.bc o		b.bcw.	53	43	*	*	*	*
Eskdalemuir ... ..	bc.c	bc.c	bc.b	b.bcw.	56	31	24	-	0.1	8.7
†Stranraer ... ..	bc.c	bc.c	b.bc	b.bcw.	59	35	*	*	*	*
†Lough Foyle ... ..	bc.c	bc.c	b.bc	b.bcw.	58	47	*	*	*	*
Valencia (Cahirciveen) ... ..	bc.c	bc.c	c.bc	b.bcw.	60	42	35	-	-	6.2
†Anglesey (Llangefni) ... ..	o.c	o	o	o	58	51	*	*	*	*
Falmouth ... ..	ogfe	ogfe	ofe	omr	61	55	55	Trace	1	0.0
†Calshot (Hants) ... ..	c	b.o	p.	o	70	55	*	*	*	*
†Capel (Folkestone) ... ..	pd.of	pd.o	pd.v	rv	66	52	*	*	*	*
Aberdeen ... ..	b3.bcy	bcy.b		bzw	58	36	32	-	-	8.3
†East Fortune ... ..	c.o3	bc.c3	b.bc	fx	60	33	*	*	*	*
†Farnborough Heath ... ..	od.	op.	h.bcy.	b.bcw.	56	50	*	*	*	*
†Felixstowe ... ..	o	op.	on	o	63	55	*	*	*	*
†Cranwell (Lines) ... ..	p.p.	or.	o.c.o	b.bcw	56	42	*	*	*	*
†Bedford ... ..	om.	om.	c3.	pz	60	49	*	*	*	*
Benson ... ..	o	ofr		p.o	61	51	51	5	0.2	*
London (Kew Obsy.) ... ..	o	ofr	on	or.o	62	54	51	7	9	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.

## THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
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	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.5
12	Above 75	33.6 or above

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity. 0=slight, 1=heavy. Underlining is used to express continuity.

## SYMBOLS—

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

## LONDON OBSERVATIONS.

	WEATHER.			F.	F.	F.	mm.	HOURS. G.M.T. G.M.T.		
	Morning.	Afternoon.	Night.					15 <sup>th</sup>	16 <sup>th</sup>	17 <sup>th</sup>
	24 HOURS ENDED 9h G.M.T. 15 <sup>th</sup> .....							YESTERDAY.	TODAY.	
Greenwich (Royal Observatory)	o	orfl.	o	63	54	53	11	0.0	76	78
City (Bunhill Row) ... ..	*	*	*	*	*	*	*	0.0	*	*
Westminster (St. James's Park)	*	*	*	63	55	53	10	0.0	72	72
„ (Admiralty Arch)	om	omflr	op.om	63	54	*	8	0.0	77	81
Camden Sq. (British Rainfall)			*	66	53	53	13	0.0	76	76
Kensington Palace ... ..	or	o	*	62	54	52	12	*	85 (8h)	85
			—							

## SOUTH KENSINGTON (Meteorological Office).

	HUMIDITY %	
	15 h. G.M.T.	9 h. G.M.T.
Vertical Component of Solar Radiation per Square Centimetre during yesterday.	76	78
Total ... .. Joules.	500	500
Milliwatts.		
Average Rate. 10.9		
Maximum Rate. 34		

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

15 <sup>th</sup> , 16 <sup>th</sup> , 17 <sup>th</sup> September 1919.			
Stations.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ... ..	5.18	11.48	6.9
Greenwich ... ..	5.30	11.46	6.6
Wick ... ..	5.43	12.7	6.29
Valencia ... ..	6.18	12.36	6.54

## NOTES ON THE WEATHER OF YESTERDAY.

Weather was fair generally over Scotland, 8.7 hours of sunshine having been registered at Eskdalemuir and 8.3 hours at Aberdeen. Over the North of England and Ireland weather was fair or cloudy. Over the rest of England the day was cloudy or dull except on the south-east coast, where Brighton registered 7.8 hours of sunshine and Worthing 5.6 hours.

In the afternoon thunderstorms were experienced in the vicinity of the Thames Valley. During the 24 hours up to 7h.15th, 16 mm. of rain fell at Kew and 12mm. at Kensington Palace.

† Air Ministry Station.

\* Information for these columns not usually received





METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.

No 21,17.B Tuesday, 16th September, 1919.

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

STATIONS.	OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																												
	13H. G.M.T. OF 15th														18H. G.M.T. OF 15th														
	Barom. at M.S.L. m.b.	Change in 3 hours.	WIND. Direc.	Force 0-12.	Weather.	Temp. °F.	Humidity %	Visibility 0-10.	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. m.b.	Change in 3 hours.	WIND. Direc.	Force 0-12.	Weather.	Temp. °F.	Humidity %	Visibility 0-10.	Height of Low Cloud Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.	
†Houton B. (Orkney)	1027.1	-1	W	2	b	55	65	8	7-9000	St. Cu.	1	Cu.	1	1	1026.8	+1	W	3	0	52	82	7	7-9000	NG	2	Cu.	7	1	
†Eskdalemuir ...	1030.6	0	SE	2	by	57	55	8	-	Cu.	1	-	-	*	1030.1	-1	-	0	6	53	87	6	3-4000	St.	1	-	-	*	
†Stranraer ...	1030.9	+2	SSE	2	b	58	82	5	2-3000	Cu.	2	-	-	*	1030.1	-1	-	0	6	53	87	6	3-4000	St.	1	-	-	*	
†Lough Foyle ...	1029.9	-3	WSW	2	b	59	75	8	4-5000	Cu.	1	-	-	1	1028.5	+1	WNW	1	6	58	75	7	3-4000	Cu.	2	-	-	2	
†Valencia (Cahire'n)	1028.2	0	NW	1	b	61	65	7	3-4000	Cu.	2	-	-	2	1028.7	0	-	0	C	59	75	7	4-5000	Cu. NE	4	Cu.	4	2	
†Anglesey (Llangefni)	1029.3	0	NNE	3	bc	61	65	7	4-5000	Cu. NE	4	-	-	3	1026.6	0	E	2	by	60	82	4	-	St	10	-	-	*	
†Falmouth ...	1026.6	+1	ENE	3	om	59	87	5	-	NG	10	-	-	-	1028.1	0	ENE	1	0	60	87	6	1-1500	St	10	-	-	4	
†Calshot (Hants) ...	1027.3	+1	ENE	3	om	61	87	4	2-3000	St.	10	-	-	6	1027.8	+1	NE	11	C	56	87	8	-	St	10	-	-	5	
†Capel (Folkestone)	1027.4	+2	NE	4	0	58	87	7	15-2000	Cu. NE	10	-	-	4	1028.4	0	SSW	3	6	54	65	7	-	-	-	-	-	3	
Aberdeen ...	1029.2	-2	SSE	11	by	62	55	5	-	-	-	-	-	3	1029.0	0	-	0	6	55	65	6	3-4000	St.	2	-	-	*	
†East Fortune ...														*															
†Framborough H. §														*															
†Felixstowe ...	1029.3	+1	NE	4	0	60	75	3	2-4000	St.	3	A. St.	7	4	1029.6	0	NNE	3	0	57	75	4	2-3000	St	10	-	-	3	
†Cranwell (Lines)	1030.4	0	ENE	2	0	58	75	8	2-3000	St	10	-	-	*	1030.1	0	NE	2	CV	55	87	8	2-3000	St. Cu	5	A. St.	2	*	
†Bedford ...	1029.4	+1	NE	2	0	59	65	4	5-6000	St. Cu	9	-	-	*	1029.2	0	ENE	2	0	63	55	3	5-6000	St	10	-	-	*	
Benson ...	1027.7	+1	NE	2	0	61	75	7	*	*	*	*	*	*	1028.7	0	ENE	1	0	57	75	7	-	St	10	-	-	*	
London (Kew Obs.)	1028.0	+2	ENE	2	0	59	75	6	-	St. Cu	8	A. St.	2	*	1028.8	+1	ENE	3	0	59	65	7	-	St. Cu	8	A. St.	2	*	
1H. G.M.T. OF 16th															7H. G.M.T. OF 16th														
†Houton B. (Orkney)															1026.2	+1	WSW	1	C	50	87	5	4-5000	St. Cu	4	A. Cu	3	1	
†Eskdalemuir ...	1032.1	0	-	0	bx	34	92	7	-	-	-	-	-	*	1031.8	0	-	0	bmw	37	98	4	-	St. Cu	3	-	-	-	*
†Stranraer ...	1030.4	-1	-	0	b	37	98	-	-	-	-	-	-	*	1030.1	-1	-	0	2	38	98	3	2-3000	St	2	A. St	1	*	
†Lough Foyle ...															1029.3	0	S	3	6	50	92	5	-	-	-	-	-	*	
†Valencia (Cahire'n)	1028.9	0	-	0	bc	51	*	*	*	*	*	*	*	*	1029.4	+1	NE	1	bc	46	92	7	-	St. Cu	4	-	-	2	
†Anglesey (Llangefni)	1030.7	0	-	0	by	43	98	-	-	-	-	-	-	3	1031.1	+1	-	0	0	44	92	4	1-1500	Cu	10	-	-	2	
†Falmouth ...	1028.1	0	E	4	by	59	87	6	-	St	10	-	-	*	1028.5	+1	E	5	0	58	87	5	-	St. Cu	10	-	-	*	
†Calshot (Hants) ...	1029.8	0	NE	2	b	55	92	6	-	-	-	-	-	5	1030.5	0	NE	1	0	57	87	6	2-3000	St	9	-	-	3	
†Capel (Folkestone)	1029.3	0	NE	2	C	51	87	8	-	St	10	-	-	3	1030.4	+3	NE	2	V	56	87	8	2-3000	St. Cu	10	-	-	3	
§ Aberdeen ...	1028.6	+1	SSW	1	b	42	98	5	-	-	-	-	-	*	1028.1	+1	W	1	2	38	98	4	-	-	-	-	-	2	
†East Fortune ...	1030.4	0	SSW	1	b	45	82	-	-	-	-	-	-	*	1030.2	+1	NW	1	b	43	92	4	-	-	-	-	-	*	
†Framborough Head	1032.1	0	-	0	b	45	87	8	-	-	-	-	-	*	1032.0	0	-	0	0	47	92	5	-	-	-	-	-	*	
†Felixstowe ...	1030.1	+1	NE	2	0	57	75	5	2-3000	St.	10	-	-	3	1031.4	+1	NNE	2	0	56	75	5	-	St. Cu	9	-	-	3	
†Cranwell (Lines)	1032.4	+2	-	0	0	50	67	6	2-3000	St.	10	-	-	*	1031.8	0	-	0	0	50	92	8	2-3000	St	10	-	-	*	
†Bedford ...	1031.0	0	NE	1	0	52	87	4	5-7000	St.	10	-	-	*	1031.3	0	NE	1	om	53	82	3	5-6000	St. Cu	10	-	-	*	
Benson ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1030.3	+2	NE	1	bc	50	92	6	-	Cu	5	-	-	*	
London ...	1030.3	0	NE	1	0	56	*	*	*	*	*	*	*	*	1030.8	-2	NE	1	om	55	82	4	-	St. Cu	10	-	-	*	
(M.O. at 1H)																													
STATIONS CONTRIBUTING REPORTS AT 7H AND 18H.																													
STATIONS.	Barom. at M.S.L. m.b.	Temp. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.			WEATHER.			Sunshine Hours.							
	M.S.L. m.b.	°F.	Direc.	Force 0-12.		at M.S.L. m.b.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Direc.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.									
18H. G.M.T. OF 15th															7H. G.M.T. OF 15th										24 HOURS ENDED 7H. 16th				15th
Lerwick ...	1025.0	54	SW	3	Cmq	1022.6	-1	53	+2	SW	4	-	om rpy	3	3	57	50	6	bcu	om rpy	*								
Stornoway ...	1026.2	55	SSW	4	bcu	1025.2	0	55	+7	SW	3	-	0	2	-	58	55	C	bc	0.0	9.4								
Castlebay (Barra's)	1028.4	55	SSW	4	C	1027.5	0	55	+3	SW	4	W	0	4	-	56	52	bc	bc	0.0	11.1								
Glasgow ...	1029.8	56	W	2	bx	1030.8	0	40	+3	SE	1	-	b	*	Trace	62	36	bm by	bx	0.0	8.5								
Malin Head ...	1027.7	56	NW	1	b	1028.0	0	50	+2	SW	2	-	bm	1	-	62	50	bc	bc	0.0	11.8								
Blacksod Point	1027.6	59	-	0	bv	1028.3	0	51	+7	SW	1	-	b	1	-	62	43	bv	bv	0.0	*								
Roche's Point...	1029.0	57	E	2	0	1029.6	+1	55	+4	NE	1	-	0	1	-	62	50	0.0	0.0	op. om	*								
Birr Castle ...	1028.1	58	ENE	1	m	1029.7	*	45	+9	E	1	-	bc	*	-	62	37	2c	0.2	0.2 bc	5.7								
Donaghadee ...	1029.5	55	SE	1	bm	1029.3	0	46	-	W	1	-	m	1	Trace	59	42	bm	bm	0.0	*								
Liverpool (Bidston)	1029.4	57	SE	3	b	1030.8	0	49	-1	SE	2	-	bm	2	-	61	47	b	b	0.0	9.7								
Holyhead ...	1028.6	60	E	3	b	1030.1	+1	51	-3	E	2	-	0	0	Trace	63	48	0.0	0.0	0.0	8.7								
Pembroke (St. Ann's Head)	1028.1	59	ESE	2	0	1029.8	+1	55	+1	E	2	-	0	2	-	63	53	0.0	0.0	0.0	0.1								
Scilly (St. Mary's)	1025.1	60	E	4	0	1027.1	0	60	+3	E	5	NE	om	5	2	60	56	0	0	0.0	0.0								
Jersey (St. Aubin)	1024.7	64	E	5	0	1027.7	+1	60	-3	E	2	E	C	2	-	68	59	0.0	0.0	0.0	2.7								
Portland Bill ...	1025.9	61	ENE	4	0	1028.7	+1	57	0	ENE	4	-	bc	4	-	62	54	0	0	0.0	*								
Dungeness ...	1027.0	60	NE	4	C	1029.3	+1	60	+1	ENE	4	NE	C	4	-	65	58	C	C	0.0	*								
Wick ...	1026.4	53	S	2	bc	1025.2	0	51	+2	SW	3	-	bc	2	-	td													

† Air Ministry Station. \* Information for these columns not usually received. ‡ barometric change is expressed in half millibars. § Longside † at 1H.



# SUMMARY OF CONDITIONS AT 7 A.M. Tuesday, 16th September, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	NE. 5-15	R. warm	Cloudy or dull, local mist.	Good	Slight
2. E. England	NNE-NE. 0-10	Mod.	Fair to dull, light local mist.	Var.	Smooth
3. E. Midlands	NE-E. 2	"	Fair to dull	Good	"
4. W. Midlands	NE-SE. 2-5	"	Cloudy or dull	"	"
5. S.W. England	NE-E. 15-20	"	Fair to dull, local mist.	Ord.	Mod.
6. South Wales	NE-E. 5	"	Dull	Poor	Smooth
7. North Wales	E. 0-5	R. cool	Dull, local mist.	Indiff.	"
8. N.W. England	E-SE. 5-10	"	Fine or fair, local mist.	Poor	Slight
9. N. Midlands	Var. 0-5	"	Fine or fair.	Indiff.	"
10. N.E. England	W-N. 0-5	"	Fine or fair, local fog	"	Smooth
11. E. Scotland	Var. 0-2	"	Fine or fair, local mist.	Ord.	Smooth
12. S.W. Scotland	Var. 0-2	"	Mainly fine, mist & fog locally.	Bad	"
13. Isle of Man	Var. 0-5	"	Fine locally.	Poor	"
14. N. & N.W. Scotland	SW. 10	Moderate	Fair to cloudy.	Ord.	"
15. Hebrides	SW. 10-15	R. warm	Dull	"	Slight
16. Orkneys and Shetlands	SW. 2-15	"	Cloudy or dull, mist & rain locally.	Indiff.	Smooth
17. N.W. Ireland	SW. 2-5	R. cool	Fine, local mist.	"	Smooth
18. N.E. Ireland	SW-W. 2-10	"	Fine, local mist.	Ord.	"
19. S.E. Ireland	Var. 0-2	"	Fine or fair	"	"
20. S.W. Ireland	NE. 2	"	Fair to dull.	Var.	"

## GENERAL INFERENCE from observations received up to 10 a.m.

An anticyclone over the British Isles is persisting. Fair or fine weather, except in the north of Scotland, is likely to be maintained.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**—  
 ○ clear sky. ○ sky & clouded.  
 ⊙ sky & clouded. ⊙ sky & clouded.  
 ⊕ overcast sky. ⊕ rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist.  
 T thunder. R thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough ~~~~~ High ~~~~~

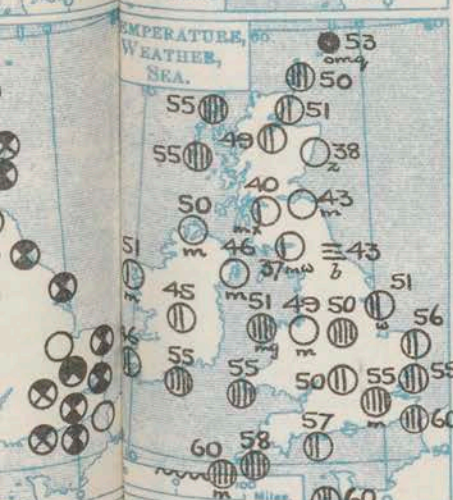
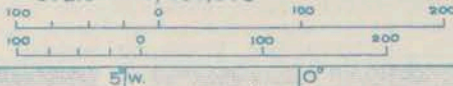
Districts.	Forecasts for the 24 hours commencing 3 p.m. Tuesday, 16th September, 1919
1. S.E. England	Light variable breezes. Fair or fine, local mist.  Moderate temperature.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Light or moderate SWly. breezes. Cloudy, perhaps local showers. Moderate temperature.
12. S.W. Scotland	Same as for 1-10
13. Isle of Man	Moderate SWly. breezes. Cloudy or dull, local showers. Moderate temperature.
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Same as for 1-10
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	



# SYNOPTIC CHART FOR MORNING OF TUESDAY, 16<sup>TH</sup> SEPTEMBER, 1919

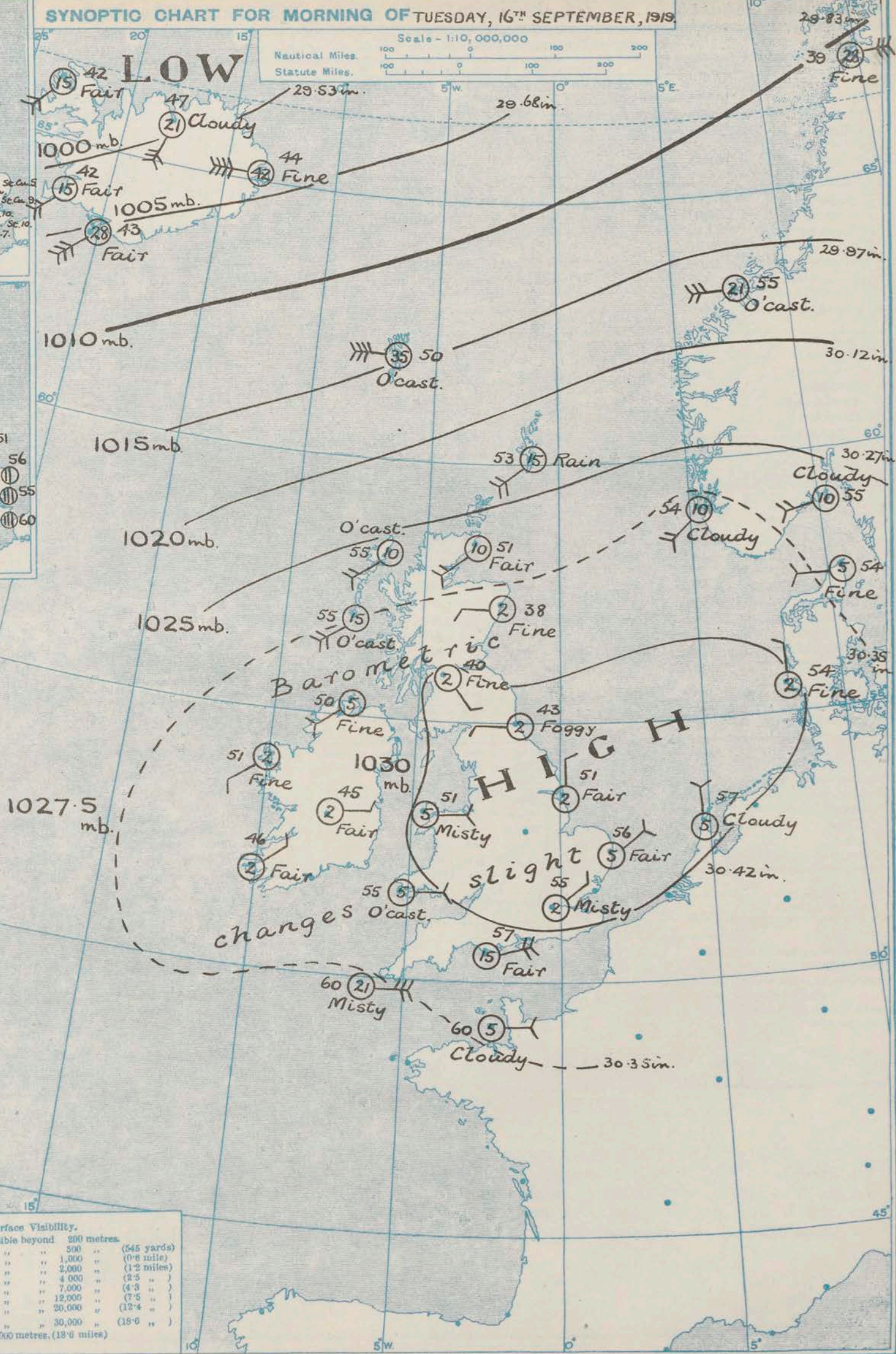
Nautical Miles.  
Statute Miles.

Scale - 1:10,000,000



ION.  
re drawn for  
ra.  
own by arrows  
orce, on the sea  
the number of  
is shown in miles  
small circles.  
in degrees F.  
sky & clouded.  
sky & clouded.  
rain falling.  
fog. = mist.  
Thunderstorm.  
High  
look.

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e



Scale of Surface Visibility.

Number	Description	Distance	Notes
1	Very Bad	Objects not visible beyond 200 metres	(545 yards)
2	Bad	500 "	(545 yards)
3	Very Poor	1,000 "	(0.6 mile)
4	Poor	2,000 "	(1.2 miles)
5	Indif.	4,000 "	(2.5 " )
6	Fair	7,000 "	(4.3 " )
7	Good, above ord.	12,000 "	(7.5 " )
8	Vy. gd., unusual	20,000 "	(12.4 " )
9	Excep. good	30,000 "	(18.6 " )
10	Objects visible beyond 30,000 metres	(18.6 miles)	



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 259. B

Tuesday  
16th September, 1919

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR .....																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 14h.	Day. 9h-17h. 15h.	to 17h. 15h.	Sunrise to Sun- set. 5h.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 14h.	Day. 9h-17h. 15h.	to 17h. 15h.	Sunrise to Sun- set. 5h.
Scotland.	Oban ... ..	bc	b	59	38	-	-	8.4	?	England, N.W.	Douglas (I.O.M.)	*	*	58	44	-	-	9.2	?
	Banff ... ..										Blackpool ... ..	b	bc	62	39	-	-	9.8	?
	Montrose ... ..	bc b	b	60	38	-	-	10.1	?		Southport ... ..	bc bc	bc bc	61	43	-	-	9.7	?
	St. Andrews ... ..	b	b	62	35	-	-	9.0	?										
England, N.E.	Scarborough ... ..	*	*	62	51	-	-	9.0	?	Midlands.	Buxton ... ..	bc	bc b	58	41	-	-	7.4	?
	Harrogate ... ..	bc bc	b	60	39	-	-	8.7	0.0		Leamington Spa ... ..	c	c	64	50	-	-	5.7	0.0
	Skegness ... ..	bc	bcw	61	54	-	-	5.2	?		Malvern ... ..								
											Ross-on-Wye ... ..	bc bc	bc b	62	51	Trace	-	6.2	0.0
England, E.	Felixstowe ... ..	op	og	61	55	0.3	-	0.0	0.0	Wales.	Rhyl ... ..	bc	bc	69	57	-	-	8.5	0.0
	Walton-on-Naze ... ..										Colwyn Bay ... ..	*	*	63	56	-	-	7.2	?
	Southend-on-Sea ... ..	om	o	61	54	0.2	-	0.0	0.0		Llandudno ... ..	b	b	63	52	-	-	9.0	0.4
											Aberystwyth ... ..	bc	bc	66	57	*	*	9.3	?
England, S.E.	Margate ... ..	o	o	61	52	-	-	0.0	?	England, S.W.	Weymouth ... ..	o	o	64	55	1	-	0.0	?
	Ramsgate ... ..	o	o	65	55	0.2	-	0.0	0.0		Teignmouth ... ..	o	o	62	55	3	-	0.0	?
	Folkestone ... ..	or	o	64	57	0.1	-	0.2	1.3		Torquay ... ..	o	o	61	56	2	-	0.0	0.0
	Hastings ... ..										Paignton ... ..	o	o	61	58	Trace	-	0.0	0.0
	Eastbourne ... ..	o	o	64	56	1	-	0.0	2.4		Penzance ... ..	od	o.c	60	56	1	0.2	0.0	0.0
	Brighton ... ..	o	o.c	64	55	-	-	2.4	7.8		Newquay ... ..	o	o.c	62	55	0.1	-	0.0	0.0
	Worthing ... ..	o.c	c.o	65	55	-	-	1.7	5.6		Bude ... ..	o	o	61	55	-	-	0.0	?
	Littlehampton ... ..	o	o	62	55	5	-	0.4	5.6		Ilfracombe ... ..	o	o	61	55	-	-	0.0	?
	Bournemouth ... ..	*	*	62	54	0.1	-	0.0	0.1		Weston-s-Mare ... ..	o.c	bc.c	63	54	1	-	0.5	?
	Tunbridge Wells ... ..	o	o	60	52	5	-	0.0	0.0										

STATIONS.	SUMMARIES FOR LAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.		
	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	RAINFALL.		Sun. Hours.			No.	Limits of Velocity.	
	7h-18h/15h.	18h-18h/15h.	18h-15h/10h.	1h-7h/10h.				Day. 7h-18h.	Night. 18h-7h.					Statute miles per hour.	Metres per second.
†Houton Bay (Orkney)...	bv bcw	by byz		bc cz	56	44	*	*	*	*	b blue sky (not more than a quarter covered).	0	Less than 1	Less than 0.3	
Eskdalemuir ...	b x by			bx bwm	60	32	2.6	-	0.1	11.5	d drizzle, or fine rain.	1	1-3	0.3-1.6	
†Stranraer ...	b bc	b bc	b bcw	2A	58	34	*	*	*	*	bc sky partly cloudy (one half covered).	2	4-7	1.6-2.3	
†Lough Foyle ...	bv bcw			bcmz	61	47	*	*	*	*	c generally cloudy (three quarters covered).	3	8-12	5.4-5.4	
Valencia (Cahiroiveen) ...	b	bc b	b-bcz w.		62	42	4.1	-	-	10.5	e wet air without rain falling.	4	13-18	5.5-7.9	
†Anglesey (Llangefni) ...	b bc			o	62	41	*	*	*	*	f fog.	5	19-24	8.0-10.7	
Falmouth ...	om	o.oz	o	o	60	56	5.7	Trace	-	0.0	g gloom.	6	25-31	10.8-13.8	
†Calshot (Hants) ...	c	c	o	c	67	55	*	*	*	*	h hail.	7	32-38	13.9-17.1	
†Capel (Folkestone)...	ou	ov	ov	ov	59	52	*	*	*	*	i lightning.	8	39-46	17.2-20.7	
Aberdeen ...	bzy	bzy b		b2 x	62	36	2.8	-	-	10.3	m mist.	9	47-54	20.8-24.4	
†East Fortune ...		bv	b	bc	62	33	*	*	*	*	o overcast sky.	10	55-63	24.5-23.4	
†Flamborough Head...			bw	bw	57	43	*	*	*	*	p passing showers.	11	64-75	28.5-33.5	
†Felixstowe ...	o		c	oz	62	55	*	*	*	*	q squalls.	12	Above 75	33.6 or above	
†Cranwell (Lincs) ...	bc cW	c b bc	bcc o	W-o.	60	47	*	*	*	*	r rain.				
†Bedford ...	c.o	c.o	c.o	omw	62	49	*	*	*	*	rs sleet, i.e., rain and snow together.				
Benson ...	c.o	bc c	o	c	62	49	4.2	-	-	*	s snow.				
London (Kew Obsy.) ...	o	o		o. om	61	54	5.2	0.1	-	0.0	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.				

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity. 0=slight, 2=heavy. Underlining is used to express continuity.

**SYMBOLS—**

Aurora	↖	Solar halo	⊙
Rime	↗	Lunar halo	☾
Glazed frost	∞	Solar corona	☉
Glazed and icy	∞	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.	YESTERDAY.	TO-DAY.	16 <sup>th</sup> 9 <sup>th</sup> 17 <sup>th</sup> September. 1919.										
24 HOURS ENDED 9 <sup>th</sup> G.M.T. 16 <sup>th</sup> .....														YESTERDAY.			TO-DAY.		
Greenwich (Royal Observatory)	o.	o.c	c.	61	54	51	-	0.0	69	70	Vertical Component of Solar Radiation per Square Centimetre during yesterday.			Stations.	Sunrise.	Noon.	Sunset.		
City (Bunhill Row) ... ..	*	*	*	*	*	*	*	0.0	*	*	Total..... Joules.  Milliwatts.  Average Rate.  Maximum Rate.	Yarmouth... { Greenwich { Wick ... { Valencia ... {	G.M.T.	G.M.T.	G.M.T.				
Westminster (St. James's Park)	*	*	*	62	56	53	-	0.0	62	62			5.30	11.48	6.06				
" (Admiralty Arch)	om	om.c	ol cm	62	54	*	-	0.0	62	66			5.31	11.48	6.04				
Camden Sq. (British Rainfall)	o	o	*	64	54	54	-	0.0	65	69			5.38	11.55	6.12				
Kensington Palace ... ..	o	o.c	*	61	54	52	-	*	71	76			5.39	11.55	6.10				
														6.29					
														6.26					
														6.54					
														6.52					

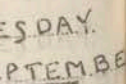
## NOTES ON THE WEATHER OF YESTERDAY.

The weather was fair to cloudy and cool over most of the country. In Scotland and Ireland sunshine amounts were good, 11.8 hours were recorded at Malin Head, 11.5 hours at Eskdalemuir and 11.1 hours at Castlebay. The amounts measured in south and south-east England were small and many stations on the south coast had no sunshine. Mist was experienced in most localities especially at night.

† Air Ministry Station.

\* Information for these columns not usually received.





No 21,118.B WEDNESDAY, 17<sup>TH</sup> SEPTEMBER, 1919.

No 21,118. B

WEDNESDAY, 17<sup>TH</sup> SEPTEMBER, 1919.

6-1

The barometric change is expected to half millibars. Longside 1 at 10



# SUMMARY OF CONDITIONS AT 7 A.M. Wednesday, 17th September, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Var. 0-10	R. cool	Variable cloud, fog in Surrey	Var.	Smooth
2. E. England	SW-NW. 2-5	"	Fine or fair, local mist and fog.	Poor	"
3. E. Midlands	Var. 0-2	Cool	Variable cloud, foggy.	Bad.	"
4. W. Midlands	Var. 0-2	R. cool	Variable sky.	"	"
5. S.W. England	E. 10-20	R. warm	Fair or dull, mist at Scilly	Good	Slight
6. South Wales	E. 5	Moderate	Cloudy or dull, local mist.	Poor	Smooth
7. North Wales	Calm	"	Dull, local mist.	Var.	"
8. N.W. England	Var. 2	"	Variable sky, local mist and fog.	Poor	"
9. N. Midlands	W. 0-2	Cool	Fair to dull.	"	"
10. N.E. England	W. 5-15	R. cool	Variable sky, local mist and fog.	Poor	Smooth
11. E. Scotland	W-NW. 2-10	R. warm	Fair or dull, local mist.	Var.	"
12. S.W. Scotland	SW. 0-5	Moderate	Dull, wet mist or fog.	Poor	"
13. Isle of Man	Var. 2	"	Fair or dull. Misty.	Indiff.	"
14. N. & N.W. Scotland	SW-W. 2-10	"	Cloudy or dull.	Ord.	"
15. Hebrides	SW. 0-10	"	Dull, mist in south.	Indiff.	"
16. Orkneys and Shetlands	W. 10-20	"	Fair or dull, mist at Shetlands.	Indiff.	Slight
17. N.W. Ireland	SW. 5	"	Cloudy.	Ord.	Smooth
18. N.E. Ireland	SW-W. 2-5	"	Fair or cloudy, local mist.	Var.	"
19. S.E. Ireland	E-W. 2	"	Fine or cloudy.	Ord.	"
20. S.W. Ireland	E. 0-2	"	Dull, local haze.	"	"

Upper Cloud

Visibility

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**—  
 ○ clear sky. ○ sky & clouded.  
 ⊙ sky & clouded. ⊙ sky & clouded.  
 ⊕ overcast sky. ● rain falling.  
 \* snow. ▲ hail. = fog. = mist.  
 T thunder. R thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough High

GENERAL INFERENCE from observations received up to 10 A.M.

The anticyclone over the British Isles is persisting. Fair weather generally is likely to continue.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Wednesday, 17th September, 1919.	Further Outlook.
1. S.E. England	Light variable breezes. Fair generally, morning mist or fog. Moderate temperature or rather warm in day.	Similar conditions are likely to hold beyond the 24 hour period.
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	Light Wly. or variable breezes. Fair or cloudy, mist or fog locally, especially in morning. Moderate temperature.	
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	Same as for 1-9	
20. S.W. Ireland		



# SYNOPTIC CHART FOR MORNING OF Wednesday, 17<sup>th</sup> Sept. 1919.

Scale - 1:10,000,000

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

5°W. 0° 5°E



## Scale of Surface Visibility.

0	Very Bad	Objects not visible beyond	200 metres.
1	Bad	"	500 "
2	Very Poor	"	1,000 "
3	Poor	"	2,000 "
4	Indist.	"	4,000 "
5	Fair	"	7,000 "
6	Good, above ord.	"	12,000 "
7	Vy. gd., unusual	"	20,000 "
8	Except. good	"	30,000 "
9	Objects visible beyond	30,000 metres, (18.6 miles)	



WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR .....																			
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 12h-5h.	Day. 9h-17h. 12h-5h.	to 17h. 12h-5h.	Sunrise to Sun- set. 12h-5h.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 12h-5h.	Day. 9h-17h. 12h-5h.	to 17h. 12h-5h.	Sunrise to Sun- set. 12h-5h.
Scotland.	Oban ... ..	b	b	60	42	-	-	6.9	9.5	England, N.E.	Douglas (I.O.M.)	*	*	64	47	-	-	7.0	9.2
	Banff ... ..	b	bc	67	35	-	-	9.4	?		Blackpool ... ..	by	b	65	42	-	-	9.9	9.8
	Montrose ... ..	b	b. bc	67	41	-	-	10.4	10.6		Southport ... ..	bw by	b	63	40	-	-	9.8	9.7
	St. Andrews ... ..	b	b	64	36	-	-	10.1	9.7										
England, N.E.	Scarborough ... ..	*	*	63	45	-	-	9.9	10.6	Midlands.	Buxton ... ..	bc bc	c bc	57	39	-	-	3.7	8.0
	Harrogate ... ..	b	by	61	38	-	-	9.0	8.9		Leamington Spa ... ..	o	o	60	52	-	-	0.0	5.7
	Skegness ... ..	ov c	ov o	61	45	-	-	2.7	5.4		Malvern ... ..								
											Ross-on-Wye ... ..	o bc o	o bc b	62	48	-	-	4.1	6.9
England, E.	Felixstowe ... ..	o	o bc	66	54	-	-	0.8	0.0	Wales.	Rhyl ... ..	b bc	b. bc	64	43	-	-	8.3	9.2
	Walton-on-Naze ... ..										Colwyn Bay ... ..	*	*	63	44	-	-	7.0	8.0
	Southend-on-Sea ... ..	c bc	bc c	65	55	-	-	3.0	0.0		Llandudno ... ..	c b	b	65	46	-	-	6.5	9.5
											Aberystwyth ... ..	bc b	c. o	61	55	*	-	5.5	9.8
England, S.E.	Margate ... ..	c	c bc	62	58	-	-	1.5	0.0	England, S.W.	Weymouth ... ..	bc bc	b bc	70	52	-	-	8.5	0.0
	Ramsgate ... ..	o	o	65	56	-	-	0.3	0.0		Teignmouth ... ..	o bc	bc	65	55	-	-	6.0	0.0
	Folkestone ... ..	o	o c	63	58	-	-	1.1	0.2		Torquay ... ..	o bc	bc b	64	57	-	-	5.8	0.0
	Hastings ... ..	o	o bc	64	54	-	-	1.0	?		Paignton ... ..	o bc	b	64	57	-	-	4.7	0.0
	Eastbourne ... ..	o	o	63	56	-	-	1.8	0.0		Penzance ... ..	o c	c	62	57	-	-	0.1	0.0
	Brighton ... ..	c bc	o bc	66	56	-	-	4.3	2.4		Newquay ... ..	c q	c q by q	65	55	-	-	1.5	0.0
	Worthing ... ..	b bc	bc c	66	55	-	-	3.9	1.7		Bude ... ..	o	c	67	54	-	-	8.0	0.0
	Littlehampton ... ..	o b	b	68	54	-	-	5.3	0.4		Ilfracombe ... ..	o c	c	64	56	-	-	3.1	0.0
	Bournemouth ... ..	*	*	67	50	-	-	5.6	0.0		Weston-s-Mare ... ..	c. bc	c. bc	64	53	-	-	1.1	0.5
	Tunbridge Wells ... ..	o c o	o c o	63	52	-	-	0.6	0.0										

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										No.	THE BEAUFORT SCALE OF WIND FORCE.	
	WEATHER				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	RAINFALL.		Sun. Hours.		Limits of Velocity.	
	7h-13h <sup>h</sup>	13h-18h <sup>h</sup>	18h <sup>h</sup> 1h <sup>h</sup> 7 <sup>h</sup>	1h-7h <sup>h</sup> 7 <sup>h</sup>				Day. 7h-18h	Night. 18h-7h			Statute miles per hour.	Metres per second.
†Houton Bay (Orkney)... Eskdalemuir ... ..	by bmw by by	by bc by		q p o bmw bc	54 60	46 37	*	*	*	*	7.4		
†Stranraer ... ..	by by	by by	by by	bc. cm	63	36	*	*	*	*			
†Lough Foyle ... ..		by by					*	*	*	*			
Valencia (Cahirveen) ...	by c	by		c. o. z.	63	45	52	-	-	-	6.8		
†Anglesey (Llangefni) ...	b bc	b bc b	b bc	bc. o	63	42	*	*	*	*			
Falmouth ... ..	o	o c	bc bw	bc. cw	63	57	51	-	-	-	9.4		
†Calshot (Hants) ... ..	c o	c	o	c	65	54	*	*	*	*			
†Capel (Folkestone)... ..	ov	ov	bcv cv	v. c	67	49	*	*	*	*			
Aberdeen ... ..	by by	b by	bc. c2		70	37	40	-	-	-	9.4		
†East Fortune ... ..	by	by by	by by	c2	63	39	*	*	*	*			
†Howden ... ..	bv		bw	b	59	43	*	*	*	*			
†Felixstowe ... ..	b bc fe	cv cv	o3	bc. c2	61	50	*	*	*	*			
†Cranwell (Lincs) ... ..	c o	o3	bc by	w2	57	43	*	*	*	*			
†Bedford ... ..	c	om	o	522	63	42	*	*	*	*			
Benson ... ..	c	bc		c. bc.	66	43	40	-	-	-	*		
London (Kew Obsy.) ...	om cm o	o		by w	64	47	39	-	-	-	2.7		

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.

THE BEAUFORT SCALE OF WIND FORCE.		
No.	Limits of Velocity.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.8
1	1-3	0.8-1.5
2	4-7	1.6-3.2
3	8-12	5.4-5.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.5
12	Above 75	33.6 or above

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity. 0 = slight, 2 = heavy. Underlining is used to express continuity.

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.						
	24 HOURS ENDED 9H G.M.T. 17 <sup>th</sup> 1919.								YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.		Stations.	Sunrise.	Noon.	Sunset.
												G.M.T.	G.M.T.	G.M.T.		
Greenwich (Royal Observatory)	c. o	o. c.	c5. o	65	46	33	-	1.7	68	86		Total ..... Joules.  Milliwatts.  Average Rate.  Maximum Rate.	Yarmouth...	5.31	11.48	6.4
City (Banhill Row) ...	*	*	*	65	49	42	*	2.4	64	77			Greenwich	5.32	11.47	6.2
Westminster (St. James's Park)	*	*	*	65	52	*	-	2.4	69	79	Wick		5.39	11.55	6.10	
Admiralty Arch	bc. c	o bc. bm	bc5 w	71	47	44	-	4.0	64	89	Valencia ...		5.40	11.54	6.8	
Camden Sq. (British Rainfall)	bc.	c. o	*	64	48	37	-	*	98	82						
Kensington Palace ...	o	o.	*													

### NOTES ON THE WEATHER OF YESTERDAY.

Except in the north of Scotland little or no rain was measured. At Lerwick 22 mm. fell. Sunshine amounts were variable over 10 hours were recorded at Malin Head, Montrose and at St. Andrews. In the south of England there was much cloud and sunshine measurements were small. Temperature reached 70°F. at Aberdeen and at Weymouth but did not reach 60°F. at some inland stations in England.





METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.

No. 119. B. THURSDAY, 18<sup>th</sup> SEPTEMBER, 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																																							
STATIONS.	BAROM. at M.S.L. m.b.	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. m.b.	Change in 3 hours.	WIND.		Weather	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.											
			Direc.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Form.	Amt. 0-10.																					
13H. G.M.T. 17 <sup>th</sup>															18H. G.M.T. OF 17 <sup>th</sup>																								
†Houton B. (Orkney)	1023.7	0	W	6	cg	53	87	4	1-2000	Cu	6	Ci. St.	2	4	1023.7	+1	WNW	1	0	50	92	5	1-1500	St	7	Ci. Cu	3	2											
†Eskdalemuir ...	1027.4	-1	SW	4	cg	61	65	5	-	Cu.	1	Ci. Cu	4	*	1026.1	-2	SSW	3	cg	56	82	6	5-7000	St. Cu	2	A. Cu	6	*											
†Stranraer ...	1028.2	-1	-	0	0	62	87	3	3-4000	St.	6	A. Cu	2	*	1026.2	-3	SSW	1	0	57	92	4	1-2000	St	5	A. Cu	4	*											
†Lough Foyle ...	1028.1	-1	WSW	2	0	57	98	5	2-3000	St.	10	-	-	3	1025.1	-3	WSW	1	0	57	92	6	3-4000	St	10	-	-	2											
†Valencia (Cahirc'n)	1028.4	-1	WNW	1	c	64	75	7	4-5000	Cu	7	-	-	3	1025.7	-2	-	0	0	60	92	7	4-2000	St.	9	-	-	3											
†Anglesey (Llangefni)	1029.7	-2	SW	3	0	67	82	7	1-2000	Cu.	9	-	-	3	1028.8	-1	WSW	1	cg	59	98	5	4-5000	St. Cu	3	A. St.	5	3											
†Falmouth ...	1029.5	-2	ESE	3	bcg	64	75	5	-	Cu.	4	-	-	*	1028.0	-1	ESE	3	bcg	60	87	5	-	Cu	1	-	-	*											
†Calshot (Hants) ...	1029.9	-2	-	0	b	69	65	5	-	-	-	-	-	2	1028.2	-2	SW	1	b	61	92	5	-	-	-	-	3												
†Capel (Folkestone)	1031.0	-1	-	0	bcg	62	75	3	2-3000	Cu.	4	-	-	2	1028.6	-1	-	0	bcg	58	87	3	-	-	-	-	2												
Aberdeen ...	1024.5	-1	E	2	bc	67	65	7	-	Cu.	1	A. Cu	4	2	1023.8	-1	-	0	c	56	92	7	-	St. Cu	8	-	-	2											
†East Fortune ...														*	1025.2	-1	WNW	1	0	60	65	4	5-7000	St. Cu	9	-	-	*											
†Falmborough H.S.	1027.2	-2	WNW	2	b	67	65	5	4-5000	St. Cu	1	A. St.	2	*	1026.5	-1	WSW	2	bc	60	75	5	4-5000	St. Cu	2	A. Cu	4	*											
†Felixstowe ...	1029.6	-2	NE	3	b	61	75	2	-	-	-	-	-	2	1028.6	0	SSE	1	bcg	62	75	5	-	-	-	-	2												
†Cranwell (Lincs)	1029.5	-1	-	0	bc	67	65	6	2-3000	St.	3	A. Cu	2	*	1027.2	-2	-	0	bc	59	87	5	2-3000	St.	3	A. St.	2	*											
†Bedford ...														*	1028.0	-2	W	1	om	64	65	3	2-3000	St. Cu	9	A. Cu	1	*											
Benson ...	1029.1	-2	-	0	b	67	65	6	*	*	*	*	*	*	1027.7	-2	-	0	b	63	75	6	-	-	-	-	*												
London (Kew Ob.)	1029.5	-2	NE	1	bcg	66	55	6	-	Cu.	1	-	-	*	1028.1	-2	-	0	bcg	63	75	5	-	-	-	-	*												
1H. G.M.T. OF 18 <sup>th</sup>															7H. G.M.T. OF 18 <sup>th</sup>																								
†Houton B. (Orkney)	1017.3	-8	SSE	2	rf	50	98	0	-	St.	10	-	-	2	1008.2	-9	SSE	4	rf	51	98	0	4500	St.	10	-	-	2											
†Eskdalemuir ...	1021.7	-5	S	3	om	54	98	4	-	St	10	-	-	*	1015.2	-6	SSW	5	ome	55	98	3	1-1000	St.	10	-	-	*											
†Stranraer ...	1021.0	-6	SW	2	0	58	98	-	1-2000	St	9	-	-	*	1014.9	-4	SSW	3	0	57	98	3	2-3000	St.	10	-	-	*											
†Lough Foyle ...														*	1012.9	-1	W	7	rf	55	98	5	1-1000	Nb	10	-	-	4											
†Valencia (Cahirc'n)	1024.5	-2	ESE	2	om	59	*	*	*	*	*	*	*	*	1021.1	-3	SW	3	0	59	92	6	1-2000	St.	10	-	-	3											
†Anglesey (Llangefni)	1024.5	-4	SW	2	0	58	98	-	1-1500	St.	10	-	-	3	1019.5	-5	SSW	5	rf	58	98	3	1-1000	St.	10	-	-	4											
†Falmouth ...	1026.0	-3	ESE	1	bw	57	98	6	-	-	-	-	-	*	1022.7	-2	SE	1	ofew	59	98	3	-	St.	10	-	-	*											
†Calshot (Hants) ...	1027.3	-1	N	1	b	57	92	1	-	-	-	-	-	3	1023.7	-4	WSW	2	cf	53	98	0	-	-	-	-	2												
†Capel (Folkestone)	1026.8	-2	N	1	b	56	82	6	-	-	-	-	-	3	1023.9	-3	WNW	1	z	56	82	5	-	-	-	-	2												
Aberdeen ...	1021.4	-1	SSE	1	orf	53	98	4	1-1000	Nb	10	-	-	*	1010.3	-7	SSE	3	or	56	92	5	-	Nb.	10	-	-	3											
†East Fortune ...	1020.3	-6	WSW	1	c	57	82	-	3-4000	St. Cu	4	A. St.	3	*	1012.4	-6	SW	7	b	59	82	5	2-3000	St. Cu	10	-	-	*											
†Falmborough H.S.	1024.3	-3	SW	2	b	51	92	4	-	-	-	A. St.	2	*	1018.7	-3	W	4	of	52	92	2	2-3000	St.	7	A. St.	2	*											
†Felixstowe ...	1026.5	-4	SE	1	bc	50	98	1	-	-	-	-	-	0	1023.4	-2	?	?	z	59	87	1	-	-	-	-	1												
†Cranwell (Lincs)	1025.3	-3	-	0	c	50	98	4	2-3000	St.	10	-	-	*	1021.3	-4	W	2	bc	56	82	5	2-3000	St.	2	Ci.	3	*											
†Bedford ...	1026.2	-2	SW	1	b	50	98	10	-	-	-	-	-	*	1022.9	-2	SW	2	z	55	92	-	1-2000	-	-	-	3	*											
Benson ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.0	-3	SSW	1	em	50	98	4	-	-	-	-	*												
London ...	1026.5	-2	-	0	0	56	*	*	*	*	*	*	*	*	1023.5	-3	-	0	fw	48	98	0	-	-	-	-	*												
(M.O. at 1h.)																																							
STATIONS CONTRIBUTING REPORTS AT 7H AND 18H.																																							
STATIONS.	BAROM. at M.S.L. m.b.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.																		
			at M.S.L. m.b.	Change in 3 hours.		Temp. °F.	Change in 24 hours.	Direc.	Force 0-12.	Max. °F.	Min. °F.					Morning.	Afternoon.	Night.																					
18H. G.M.T. of 17 <sup>th</sup>															7H. G.M.T. of 18 <sup>th</sup>															24 HOURS ENDED 7H. 18 <sup>th</sup>									
Lerwick ...	1021.4	51	W	3	c	1008.9	-9	52	0	S	2	-	omr	2	11	56	49	bcm	opm	omr	*																		
Stornoway ...	1022.4	56	SW	1	0	1005.3	-5	53	+2	W	4	-	0	3	8	59	51	0	0	orq	3.0																		
Castlebay (Barra Is)	1023.2	54	WSW	4	rf	1008.5	-3	55	0	WSW	5	-	0	4	4	57	54	om, odf	odf rf	rf, o.c.	0.0																		
Glasgow ...	1025.4	62	SW	2	omg	1012.0	-7	57	+4	SW	4	-	0	*	0.3	60	53	omg	o, g	omdp, g	0.0																		
Malin Head ...	1024.4	58	SSW	2	c	1011.1	-3	55	-1	WSW	4	W	omr	2	1	59	50	c	c	om	0.0																		
Blacksod Point	1026.2	61	SSW	2	b	1016.4	-3	57	+1	W	4	W	c	3	3	61	55	bc	bc	cm, or	*																		
Roche's Point...	1027.3	59	E	2	f	1021.3	-2	59	+7	WSW	2	W	b	2	0.1	62	52	o, g	om of	f, o. b	*																		
Birr Castle ...	1025.9	65	S	1	0	1018.8	*	58	+6	S	2	-	c	*	-	68	50	o, c	o	c	2.9																		
Donaghadee ...	1025.6	61	SSW	1	cm	1015.0	-5	59	+6	WSW	4	-	ogm	3	-	63	53	bcm	bcm	bcm, om	*																		
Liverpool (Bidston)	1027.6	61	NW	1	bc	1018.9	-4	60	+9	SW	3	SW	o	3	-	65	51	bc	bc	bm, o.	7.8																		
Holyhead ...	1027.5	60	SW	3	bc	1018.9	-5	58	+3	SW	5	-	omg	4	-	64	54	o. b, bcm	b, bc, c	c, o. c, om	6.3																		
Pembroke (St. Ann's Head)	1028.1	59	-	0	b	1022.1	-3	59	+2	S	2	-	o	2	-	64	57	bc	b	b, bc, o.	5.4																		
Scilly (St. Mary's)	1027.7	60	SE	3	0	1022.6	-2	59	0	SSE	2	-	f	3	-	65	58	cm, b	cm	om, bcf	4.7																		
Jersey (St. Aubin)	1027.7	67	E	3	b	1023.6	-2	58	-3	E	2	-	bm	1	-	71	56	bm, b	b	bm	9.5																		
Portland Bill ...	1028.8	64	ENE	1	b	1023.6	-2	61	+3	SE	3	-	b	2	-	68	56	bc, b	b	b, m	*																		
Dungeness ...	1025.0	61	SW	3	b	1023.3	-1	49	-5	N	2	-	b	2	-	65	45	c, b	b	b, bf, b	*																		
Wick ...	1022.7	55	E	1	c	1006.7	-11	54	+4	S	4	-	omr	2	7	60	48	c, o	o, c	c, or, om	*																		
Nairn ...	1022.6	58	W	1	r	1006.4	*	58	+1	W	1	-	om	1	3	65	53	cg	odg	op, rg	1.2																		
Leith ...	1024.7	60	SW	2	c	1011.9	-4	59	+4	SW	3	-	o	2	-	66	54	om, cd.	o	c, o, g, o	*																		
Tynemouth ...	1025.7	61	WNW	2	cm	1016.6	-5	56	+4	SW	2	-	bcm	2	-	66	50	bcm	bcm	bcm	*																		
Spurn Head ...	1026.9	60	S	2	bm	1019.7	-3	57	+8	SW	2	-	o	3	Trace	65	48	bm	bm	bc, o	4.6																		
Yarmouth (Gorleston)	1027.9	59	N	1	bc	1022.0	-5	52	+5	W	2	-	bcg	2	-	64	47	bcg	bc	bc, bc	10.1																		
Clacton-on-Sea	1027.8	64	NW	2	b	1022.9	-2	54	+3	WSW	2	-	bm	1	-	68	50	bc, bgy	bgg	b, dm	10.1																		
Nottingham ...	1027.4	63	SW	1	c	1021.2	*	51	+10	SW	1	W	cm	*	-	69	41	c, bc	bc, c	c, b	5.8																		



# SUMMARY OF CONDITIONS AT 7 A.M. Thursday, 18th September, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Var. 0-5	R. cool	Fine, local mist and fog	V. poor	Smooth
2. E. England	SW-W. 0-10	"	Fine or fair; local mist and haze.	Poor	"
3. E. Midlands	S-SW. 2	Moderate	Fine or cloudy, local mist.	Indiff.	"
4. W. Midlands	SW-W. 2-5	R. warm	Cloudy or dull.	"	"
5. S.W. England	SE. 5-10	Moderate	Variable sky, local mist and fog.	Poor	Smooth
6. South Wales	S-SW. 5-10	R. warm	Dull, local fog.	"	"
7. North Wales	SW. 20	"	Dull, local rain, squalls and mist.	"	Mod.
8. N.W. England	SW. 10-20	"	Dull, local mist.	Indiff.	Slight
9. N. Midlands	SW. 2-10	"	Cloudy or dull.	"	"
10. N.E. England	S-W. 5-15	"	Variable sky, local mist and fog.	Poor	Slight
11. E. Scotland	Var. 10-25	Warm	Dull, local rain.	Indiff.	Smooth
12. S.W. Scotland	SW. 15-25	"	Dull, local mist & rain.	Poor	"
13. Isle of Man	SW. 15-20	R. warm.	Dull.	"	Moderate
14. N. & N.W. Scotland	S-W. 15	"	Dull, local mist & rain.	"	Smooth
15. Hebrides	SW-W. 15-20	Moderate	Dull.	Ord.	Moderate
16. Orkneys and Shetlands	SSE-S. 5-15	"	Dull, rainy, local mist & fog.	Bad	Smooth
17. N.W. Ireland	W. 15	"	Cloudy or dull.	Ord.	Slight
18. N.E. Ireland	WSW. 15-25	R. warm	Dull, local squalls, mist and rain.	Indiff.	"
19. S.E. Ireland	S-W. 5-10	"	Cloudy or dull.	Ord.	"
20. S.W. Ireland	SW-W. 5-10	"	Variable cloud	Fair	"



GENERAL INFERENCE from observations received up to 10 a.m.

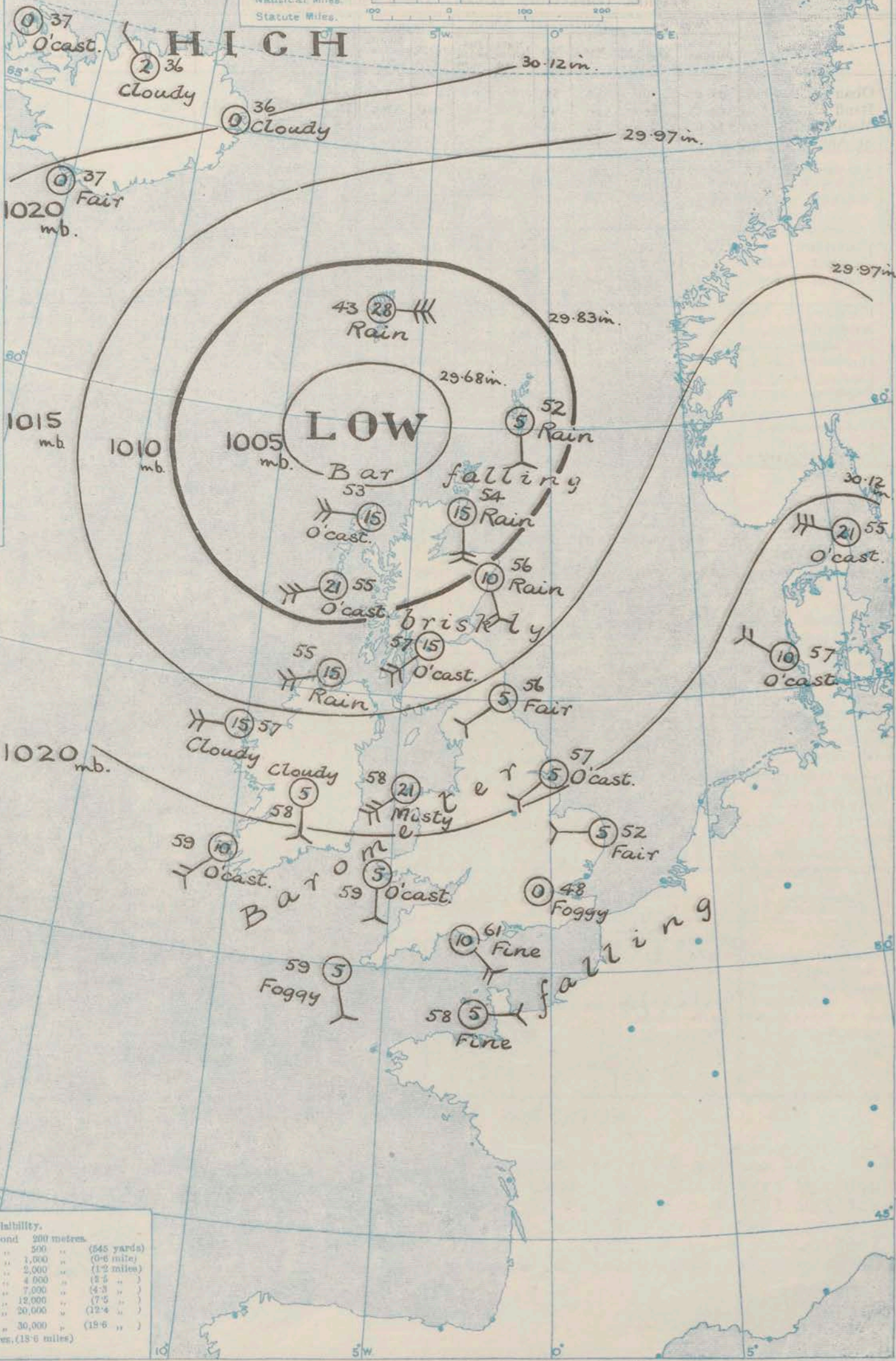
A depression centred to the north of Scotland is moving east and south-east. This is expected to cause unsettled weather generally over the Kingdom.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Thursday, 18th September, 1919	Further Outlook.
1. S.E. England	Light Sly. breezes veering to South-West or West and increasing to a moderate or fresh wind. Becoming cloudy to dull with some showers. Moderate temperature.	Uncertain.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales		
7. North Wales	Fresh or strong W. to NW. winds. Cloudy to dull, some rain or showers, squally, mist locally. Moderate temperature.	Uncertain.
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. E. Scotland		
12. S.W. Scotland		
13. Isle of Man		
14. N. & N.W. Scotland		
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		



# SYNOPTIC CHART FOR MORNING OF THURSDAY, 18<sup>th</sup> SEPTEMBER, 1919.

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



## Scale of Surface Visibility.

	Very Bad	Bad	Poor	Indist.	Fair	Ordinary	Good, above ord.	Vy. gd., unusual	Excep. good	Objects visible beyond 30,000 metres (18.6 miles)
1.	0	1	2	3	4	5	6	7	8	
2.	0	1	2	3	4	5	6	7	8	
3.	0	1	2	3	4	5	6	7	8	
4.	0	1	2	3	4	5	6	7	8	
5.	0	1	2	3	4	5	6	7	8	
6.	0	1	2	3	4	5	6	7	8	
7.	0	1	2	3	4	5	6	7	8	
8.	0	1	2	3	4	5	6	7	8	
9.	0	1	2	3	4	5	6	7	8	
10.	0	1	2	3	4	5	6	7	8	



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No 261.B

Thursday  
18<sup>th</sup> September

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR .....																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. ...16h	Day. 9h-17h. ...17h	to 17h. ...17h	Sunrise to Sun- set. ...16h			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. ...16h	Day. 9h-17h. ...17h	to 17h. ...17h	Sunrise to Sun- set. ...16h
Scotland.	Oban ... ..	o r o	.o	57	53	-	0.3	0.0	7.6	England, N.W.	Douglas (I.O.M.)	*	*	65	57	-	-	5.0	7.0
	Banff ... ..	c	b.c.c	60	49	-	-	2.9	9.4		Blackpool ... ..	om	b.c	66	44	-	-	8.5	10.3
	Montrose ... ..	b.c.b	b.b.c	69	52	-	-	6.8	10.4		Southport ... ..	b	b	64	46	-	-	8.0	10.3
	St. Andrews ...	b	c	67	49	-	-	3.2	10.3										
England, N.E.	Scarborough ...	*	*	65	47	-	-	8.2	11.1	Midlands.	Buxton ... ..	b.c.d.c	b.c.b	65	57	-	-	6.5	3.7
	Harrogate ... ..	b	b	67	45	-	-	9.5	9.1		Leamington Spa... ..	b	b	69	40	-	-	7.9	0.0
	Skegness ... ..	bm	bm	68	44	-	-	9.1	2.7		Malvern ... ..	b.b.c	b.c.b	70	46	-	-	9.3	?
											Ross-on-Wye ... ..	fe.bm.c	o.c.c.b.c	70	42	Trace	-	6.0	4.5
England, E.	Felixstowe ... ..	b.c	b.g	68	50	-	-	10.0	0.8	Wales.	Rhyl ... ..	b.c.b	b.b.c	64	46	-	-	7.9	8.9
	Walton-on-Naze...										Colwyn Bay ... ..	*	*	68	48	-	-	7.2	7.8
	Southend-on-Sea...	bm	b	70	53	-	-	9.5	3.0		Llandudno ... ..	b	b	66	49	-	-	8.5	7.3
											Aberystwyth ... ..	c.b.c	c.o	65	57	*	*	3.0	5.5
England, S.E.	Margate ... ..	b	b	67	57	-	-	9.5	2.0	England, S.W.	Weymouth ... ..	b	b	70	55	-	-	9.7	8.8
	Ramsgate ... ..	b	b	65	53	-	-	8.6	0.6		Teignmouth ... ..	c.b.c.b	b	66	55	-	-	7.3	6.3
	Folkestone ... ..	c	c.b.c	67	54	-	-	7.3	1.1		Torquay ... ..	c.b.c.b	b	65	56	-	-	7.8	6.2
	Hastings ... ..	b	b	66	50	-	-	9.5	1.0		Paignton ... ..	b.c.b	b	65	58	-	-	8.3	5.0
	Eastbourne...	b	b	65	47	-	-	10.0	1.8		Penzance ... ..	o.c	b.c.c	65	58	-	-	2.3	0.1
	Brighton ... ..	b	b.g	65	48	-	-	9.3	4.5		Newquay ... ..	b.g	b.g	67	56	-	-	9.3	1.5
	Worthing ... ..	b	b	67	48	-	-	10.5	4.4		Bude ... ..	b	b	71	51	-	-	9.6	8.0
	Littlehampton ...	b	b	65	49	-	-	9.8	6.1		Ilfracombe ... ..	b.b.c	c.b.c.b	65	55	-	-	7.3	7.3
	Bournemouth ...	*	*	68	50	-	-	10.5	5.6		Weston-s-Mare ...	b.b.c	b	68	49	-	-	9.5	1.1
	Tunbridge Wells	b	b	68	44	-	-	9.7	0.6										

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.		No.	Limits of Velocity.	
	7h-18h/7h	18h-18h/7h	18h/7h/18h	1h-7h/18h				Day. 7h-18h.	Night. 18h-7h.				Statute miles per hour.	Metres per second.
†Houton Bay (Orkney)...	bq	o. bq	r	r. f.	58	45	*	*	*	*	b blue sky (not more than a quarter covered).	0	Less than 1	Less than 0.3
†Eskdalemuir ...	o. f. e. m. c.	o. c.	c. o. c.	o. d. m. e.	62	42	34	-	Trace	1.6	bc sky partly cloudy (one half covered).	1	1-3	0.3-1.5
†Stranraer ...	c	o. c.	c	o	63	45	*	*	*	*	c generally cloudy (three quarters covered).	2	4-7	1.6-3.3
†Lough Foyle ...	o	o	r	r. g.	58	54	*	*	*	*	d drizzle, or fine rain.	3	8-12	3.4-5.4
†Valencia (Cahirciveen) ...	o. c.	c. o.	o. r. o.		65	55	50	-	1	0.7	e wet air without rain falling.	4	13-18	5.5-7.9
†Anglesey (Llangefni) ...	o	b. c.	b. c.	o. m. p. d.	64	42	*	*	*	*	f fog. g gloom.	5	19-24	8.0-10.7
†Falmouth ...	o. c. o. b. c.	b. c.	b. w.	b. c. o. m. w.	65	57	47	-	-	5.7	h hail. l lightning.	6	25-31	10.8-13.8
†Calshot (Hants) ...	b. g.	b. g.	b. g.	e. f.	70	52	*	*	*	*	m mist.	7	32-38	13.9-17.1
†Capel (Folkestone)...	b. c. b. g.	b. g.	b.	b. z.	60	49	*	*	*	*	o overcast sky.	8	39-46	17.2-20.7
Aberdeen ...	b. g. b. c.	b. c.	c. o. r. m.		68	53	50	-	2	5.6	p passing showers.	9	47-54	20.8-24.4
†East Fortune ...	b. g. b. c.	o. c. o.	c. o. o. p.	c. o. z.	64	51	*	*	*	*	q squalls.	10	55-63	24.5-28.4
†Flamborough Head...	b. g. b. c.	b. g. b. c.	b. g. b. c.	c. z.	69	45	*	*	*	*	r rain.	11	64-75	28.5-33.5
†Felixstowe ...	b. g.	b. g.	b. g.	z.	68	48	*	*	*	*	rs sleet, i. e., rain and snow together.	12	Above 75	33.6 or above
†Cranwell (Lines) ...	b. g. b. c.	b. c. o.	b. c. o.	b. b. c. w.	68	48	*	*	*	*	s snow.			
†Bedford ...	b. g. b. c.	b. g. b. c.	b. g.	b. m.	69	42	*	*	*	*	t thunder.			
Benson ...	fe. b.	b.	b. m.		67	44	40	-	-	*	u ugly, threatening sky.			
London (Kew Obsy.) ...	fw. b. m. w. b. g.	b. g.	b. m. w. m. w.		68	46	39	-	Trace	8.9	v unusual visibility.			

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 2=heavy. Underlining is used to express continuity.

**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.		Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
	24 HOURS ENDED 9H G.M.T. 18 <sup>th</sup> .....							YESTERDAY.	TO-DAY.						
Greenwich (Royal Observatory)	b.b.c	b.c.	b.m	69	45	34	-	7.3	54	73	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	18 <sup>th</sup> 3. 19 <sup>th</sup> 3. September 1919.			
City (Bunhill Row) ... ..	*	*	*	*	*	*	*	6.8	*	*			Stations.	Sunrise.	Noon.
Westminster (St. James's Park)	*	*	*	71	49	43	-	8.3	53	76	Total ... 1151. .... Joules.	Yarmouth ... {	5.32	11.47	6.2
.. (Admiralty Arch)	bmw.bm	bm.bcm	bm.bm	71	52	*	-	8.0	56	72					
Camden Sq. (British Rainfall)	bz.b.	b.b.c	*	73	49	46	-	6.4	52	92	Average Rate. 25.6 Maximum Rate. 54	Wick ... {	5.40	11.54	6.8
Kensington Palace ... ..	b	b	*	70	49	39	-	*	(18h) 50	87					
											Milliwatts.				
							</								

## NOTES ON THE WEATHER OF YESTERDAY.

The weather over the country was dominated mainly by the extensive anticyclone centred over England. Some rain fell in Scotland and in the north of Ireland, the maximum fall was 11 mm. at Lerwick. Over the rest of the country the day was fair and sunshine amounts fairly good. Yarmouth and Clacton recorded 10.1 hours sunshine. Temperature reached 71°F. at Jersey and at Bude. During the night temperature fell to 41°F. at Nottingham. Mist or fog developed generally at night.

† Air Ministry Station.

\* Information for these columns not usually received.





METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.

No. 21, 124. B. FRIDAY, 19TH. SEPTEMBER, 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 13h AND 18h.																													
STATIONS	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.	Dir.	Force 0-12.		°F.	%	0-10.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.	at M.S.L.	Change in 3 hours.	Dir.	Force 0-12.		°F.	%	0-10.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.	
	m.b.														m.b.														
13h. G.M.T. 18th														18h. G.M.T. OF 18th															
†Houton B. (Orkney)	1000.9	-6	W	4	c	53	87	5	1½-2000	St. Cu	4	A. Cu	3	2	997.0	-4	ESE	2	od	50	98	3	1-1500	St. Cu	9	-	-	2	
†Eskdalemuir	1008.3	-6	WSW	6	bcy	57	75	7	3-4000	St. Cu	5	-	-	2	1005.3	-1	WSW	5	org	51	75	7	2-3000	Nb.	10	-	-	*	
†Stranraer	1011.9	-2	W	2	bc	63	82	6	2-3000	Nb.	3	C. St	6	*	1009.6	-4	WSW	9	org	52	98	4	1-1000	St. Cu	10	-	-	6	
†Lough Foyle	1009.6	-4	WSW	9	c	53	98	6	1½-2000	St. Cu	7	-	-	5	1007.3	+1	WSW	9	org	52	98	4	1-1000	St. Cu	10	-	-	6	
†Valencia (Cahire'n)	1020.2	-1	NW	4	b	60	75	8	2-3000	Cu	2	A. Cu	1	3	1020.5	-1	NW	4	c	56	65	7	2-3000	Cu	7	-	-	4	
†Anglesey (Llangefni)	1015.0	-5	WSW	5	od	58	98	2	-	Nb	10	-	-	5	1012.8	-2	WNW	4	o	56	?	7	-	St. Cu	10	-	-	*	
†Falmouth	1019.4	-4	W	4	cy	71	75	5	-	Cu	5	Ci. Cu	2	*	1016.5	-3	NW	5	org	60	82	6	-	-	A. Cu	9	-	*	
†Calshot (Hants)	1019.0	-5	WSW	3	b	68	65	6	-	-	-	A. Cu	1	3	1014.0	-5	WSW	2	o	62	92	5	5-7000	St. Cu	10	-	-	4	
†Capel (Folkestone)	1019.4	-5	WSW	2	b	64	82	-	-	-	-	-	-	2	1014.8	-5	W	3	bcy	59	87	5	-	-	Ci. Cu	3	-	4	
Aberdeen	1003.3	-4	SW	4	bcy	67	80	8	-	Cu	4	-	-	3	998.5	-4	SW	4	bcy	57	65	7	-	Cu	4	-	-	3	
†East Fortune	1007.1	-4	WSW	5	bcy	62	65	6	3-4000	St. Cu	5	-	-	*	1002.3	-4	SW	6	cy	55	76	6	2-3000	Cu. Nb.	8	-	-	*	
†Framborough Head	1004.2	-6	WSW	4	bc	52	82	8	4-5000	St	5	-	-	*	1007.9	-6	W	4	o	60	85	5	1½-2000	St	7	A. St	2	-	
†Felixstowe	1019.4	-3	SW	3	bcy	69	65	1	-	-	-	-	-	3	1013.3	-5	WSW	3	c	65	82	4	-	-	A. Cu	8	-	3	
†Cranwell (Lincs)	1016.0	-6	W	4	o	65	-	4	2-3000	St	5	A. Cu	5	*	1011.9	-4	SW	3	c	62	82	6	2-3000	St	4	Ci.	2	-	
†Bedford	1017.0	-5	SW	4	bcy	70	55	-	2-3000	-	-	A. Cu	2	*	1012.3	-5	W	4	om	66	75	4	2-3000	St. Cu	10	-	-	*	
Benson	1016.7	-7	SW	3	bcy	70	65	6	*	*	*	*	*	*	1012.1	-4	WNW	2	o	63	87	5	-	St. Cu	10	-	-	*	
London (Kew Obs.)	1017.9	-7	SW	4	bcy	68	65	6	-	-	-	Ci. St	1	*	1012.8	-5	SW	2	org	65	75	5	-	Ci. St	8	A. Cu	1	-	
1h. G.M.T. OF 19th														7h. G.M.T. OF 19th															
†Houton B. (Orkney)	1011.1	+4	N	9	ok	43	92	0	1-1500	Nb	10	-	-	1	1005.2	+3	NNW	9	ct. q.	39	87	4	2-3000	St.	5	A. St	3	-	6
†Eskdalemuir	1003.5	0	NW	6	cy	46	87	7	-	St. Cu	7	-	-	*	1006.9	+3	N	4	o	45	75	7	-	Nb	3	A. St	6	-	*
†Stranraer	1009.6	-4	WSW	9	org	52	98	4	1-1000	St. Cu	7	-	-	*	1009.6	-4	NNW	6	bc	50	92	5	1½-2000	St.	6	-	-	-	*
†Lough Foyle	1020.0	-1	NW	5	bcy	50	*	*	*	*	*	*	*	*	1020.7	+1	N	9	q.	47	87	5	1-1000	Cu	10	-	-	-	*
†Valencia (Cahire'n)	1020.0	-1	WNW	5	bcy	50	*	*	*	*	*	*	*	*	1020.7	+1	NNW	6	c	52	75	8	2-3000	Cu	8	-	-	-	4
†Anglesey (Llangefni)	1010.1	-2	NW	5	o	54	92	-	1-1000	St.	10	-	-	4	1009.8	+4	NNW	6	org	50	82	6	1-1000	Nb	10	-	-	-	4
†Falmouth	1014.4	-2	NW	4	bc	53	75	6	-	Cu. Nb.	3	-	-	*	1013.8	+1	N	6	cy	53	75	6	-	St. Cu	7	A. Cu	1	-	*
†Calshot (Hants)	1010.8	-3	WNW	4	org	60	98	6	2-3000	Nb.	10	-	-	4	1008.6	-3	NNW	3	b	53	87	6	-	-	A. St	1	-	-	3
†Capel (Folkestone)	1008.9	-5	NW	2	ofe	57	98	5	1500	St.	10	-	-	3	1006.7	0	NNW	4	c	50	87	7	4-5000	St.	5	A. Cu	2	-	2
§Aberdeen	997.0	0	NNW	2	or	50	98	3	1500	St	10	-	-	*	1004.3	+5	NW	6	bc	45	87	7	-	Nb	5	-	-	-	3
†East Fortune	1001.3	+1	W	2	bc	51	82	-	3-4000	St. Cu	9	-	-	*	1006.2	+4	NNW	5	cn	47	75	7	2-3000	Nb	7	-	-	-	*
†Framborough Head	1004.2	-6	WSW	4	bc	52	82	8	4-5000	St	5	-	-	*	1002.4	-1	NW	4	o	50	87	6	1½-2000	St.	7	A. St	3	-	*
†Felixstowe	1008.9	-4	N	4	cy	57	87	5	-	-	-	A. St	7	4	1004.8	-1	NW	4	bc	52	87	5	5-7000	St. Cu	2	A. St	2	-	5
†Cranwell (Lincs)	1007.5	-3	WSW	2	bc	51	82	5	2-3000	St	4	A. St	1	*	1004.2	-2	W	3	o	50	87	6	2-3000	St.	6	A. St	3	-	*
†Bedford	1009.3	-2	WNW	2	bc	54	82	4	3-4000	St	3	A. St	2	*	1006.1	-2	W	4	om	52	82	3	4-5000	St. Cu	10	-	-	-	*
Benson	1009.1	-5	WNW	1	od	58	*	*	*	*	*	*	*	*	1006.7	-2	W	2	bc	49	92	7	-	Cu	5	-	-	-	*
London	1009.1	-5	WNW	1	od	58	*	*	*	*	*	*	*	*	1007.0	-2	W	1	bc	53	75	5	-	Cu	3	Ci. Cu	2	-	*
STATIONS CONTRIBUTING REPORTS AT 7h AND 18h.																													
STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dir. of 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.	Change in 24 hours.	Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.									
	m. h.					m. h.					0-12.										Hours.								
18h. G.M.T. OF 18th														7h. G.M.T. OF 19th										24 HOURS ENDED 7h. 19th					
Lerwick	997.5	53	WSW	1	om	1002.2	+3	41	-11	N	8	N	cm	6	12	56	40	om	om	om	*								
Stornoway	999.2	52	NW	6	cpq	1013.5	+3	41	-12	N	6	-	o	5	10	55	41	odp	cpq	org	2.1								
Castlebay (Barra Is)	1004.9	51	NW	5	op	1015.8	+4	43	-12	N	5	-	bc	5	3	56	41	o.c. op. c.	c. bc. op	chp. bc	2.1								
Glasgow	1002.9	53	WSW	5	og	1009.0	+4	45	-12	NW	2	N	c	*	1	58	44	odp. cy.	c. odp.	op. bc. o	1.4								
Malin Head	1004.1	52	W	7	cpq	1011.8	+2	48	-7	NNW	7	N	cp	6	4	58	48	bcy	cpq	cp p	2.6								
Blacksod Point	1016.3	54	NW	5	cp	1019.1	+2	47	-10	NW	5	-	cp	4	2	59	46	cp	cp	cp	*								
Roche's Point	1017.3	57	NW	5	c	1018.2	+1	50	-9	NW	4	NW	b	3	1	64	49	bc. cp. c.	c	c. b.	*								
Birr Castle	1016.2	54	W	2	o	1017.4	*	47	-11	NW	2	W	c	*	2	61	45	om. c.	c. o	o. cp	4.4								
Donaghadee	1009.6	54	WSW	5	cqm	1011.4	+3	50	-9	N	7	-	bcy	6	Trace	64	49	cy	cqm	bcy	*								
Liverpool (Bidston)	1010.7	57	W	4	o	1006.2	-1	49	-11	WNW	7	-	org	5	2	65	49	bc	op	bc. org	1.3								
Holyhead	1012.2	58	WNW	6	cy	1009.2	0	52	-6	NNW	8	N	cy	7	0.4	62	51	omg	odp. o. c.	bc. cpq	1.9								
Pembroke (St. Ann's Head)	1011.7	58	WNW	3	c	1013.2	+1	51	-8	NW	5	NW	cy	5	2	61	49	o	o. om. c.	bcy p	0.1								
Scilly (St. Mary's)	1017.8	61	WNW	3	bc	1015.1	-1	54	-5	NNW	6	NW	bc	6	1	67	52	bm	bc	o. bc	2.1								
Jersey (St. Aubin)	1016.5	64	W	3	b	1010.9	0	56	-2	NW	3	NW	c	3	0.1	70	55	bm	b	op. c	10.5								



# SUMMARY OF CONDITIONS AT 7 A.M. Friday, 19th September, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	W-NW. 5-15	Moderate	Fine or cloudy.	V. good	Slight
2. E. England	W-NW. 5-15	"	Fair or dull, local mist.	Var.	"
3. E. Midlands	W-NW. 5-10	"	Fair or cloudy.	Good	"
4. W. Midlands	W-NW. 10-15	R. cool	Cloudy or dull.	"	"
5. S.W. England	NW-N. 20-25	"	Fair or cloudy, squally, showers locally.	"	Mod.
6. South Wales	NW. 20	"	Cloudy, squally, local rain.	"	R. rough
7. North Wales	NNW. 35-40	"	Cloudy, squally.	"	High
8. N.W. England	W-N. 15-35	"	Dull, local rain & squalls.	V. good	R. rough
9. N. Midlands	NW-N. 15	Mod.	Dull.	Good	"
10. N.E. England	NW. 15-25	R. cool	Dull, local squalls.	Fair	Mod.
11. E. Scotland	NW-N. 20-30	"	Fair to dull, local rain and squalls.	Good	"
12. S.W. Scotland	NW-N. 10-25	Moderate	Fair or dull.	"	Rough
13. Isle of Man	NNW. 25-30	"	Fair or dull.	"	"
14. N. & N.W. Scot- land	NW-N. 25-35	Cool	Dull, local mist.	Ord.	R. rough
15. Hebrides	N. 20-25	"	Fair or dull.	"	"
16. Orkneys and Shetlands	NW-N. 40-45	"	Cloudy or dull, local squalls, rain and mist.	Indiff.	Rough
17. N.W. Ireland	NW. 20	R. cool	Cloudy, showery.	Ord.	Mod.
18. N.E. Ireland	NW-N. 35	"	Fair or cloudy, squally, local mist and showers.	"	Rough
19. S.E. Ireland	NW. 5-15	"	Fair or cloudy.	Fair	R. rough
20. S.W. Ireland	NW. 15-25	"	Variable sky.	Var.	Mod.

GENERAL INFERENCE from observations received up to 10 a.m.

A deep depression centred over the North Sea is moving south-east. A strong wind circulation from NW. or N. with squally, cold-changeable weather is, therefore, anticipated.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**  
 ○ clear sky. ○ sky ½ clouded.  
 ⊙ sky ¾ clouded. ⊙ sky ¾ clouded.  
 ⊕ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog ≡ mist.  
 T thunder. K thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough ~~~~~ High ~~~~~

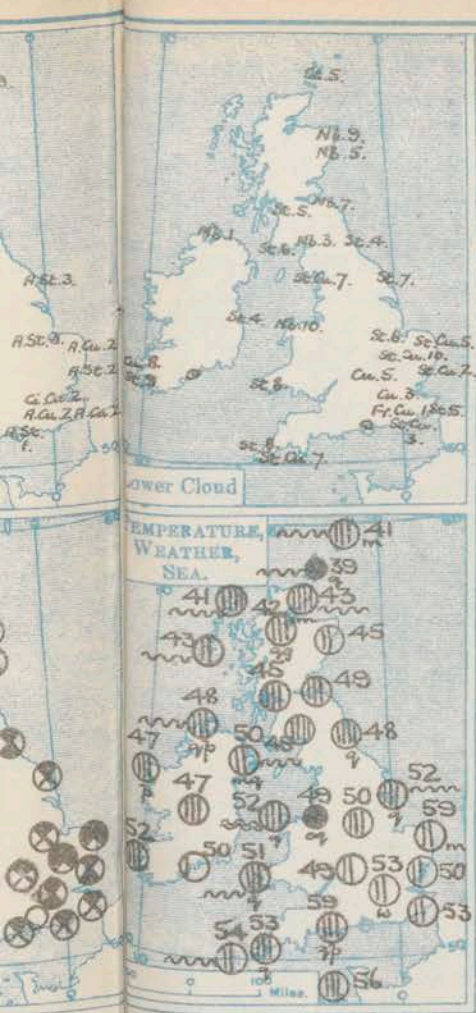
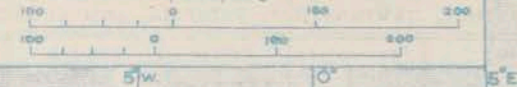
Districts.	Forecasts for the 24 hours commencing 3 p.m. Friday, 19th September, 1919
1. S.E. England	Wind veering NW. or N. increasing to strong or high.
2. E. England	Changeable, showery, squally.
3. E. Midlands	Cold.
4. W. Midlands	Strong to high NWly. or Nly. winds. Changeable, some showers, squally. Cold.
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Strong to high NWly. or Nly. winds. Changeable, some showers, squally. Cold.
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	Fresh or strong NWly. or Nly. winds, moderating. Showers with bright intervals.
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	



# SYNOPTIC CHART FOR MORNING OF FRIDAY, 19<sup>th</sup> SEPTEMBER, 1919.

Nautical Miles  
Statute Miles.

Scale - 1:10,000,000



ON.  
drawn for  
by arrows  
ce, on the scale  
he number of  
shown in miles  
all circles.  
degrees F.

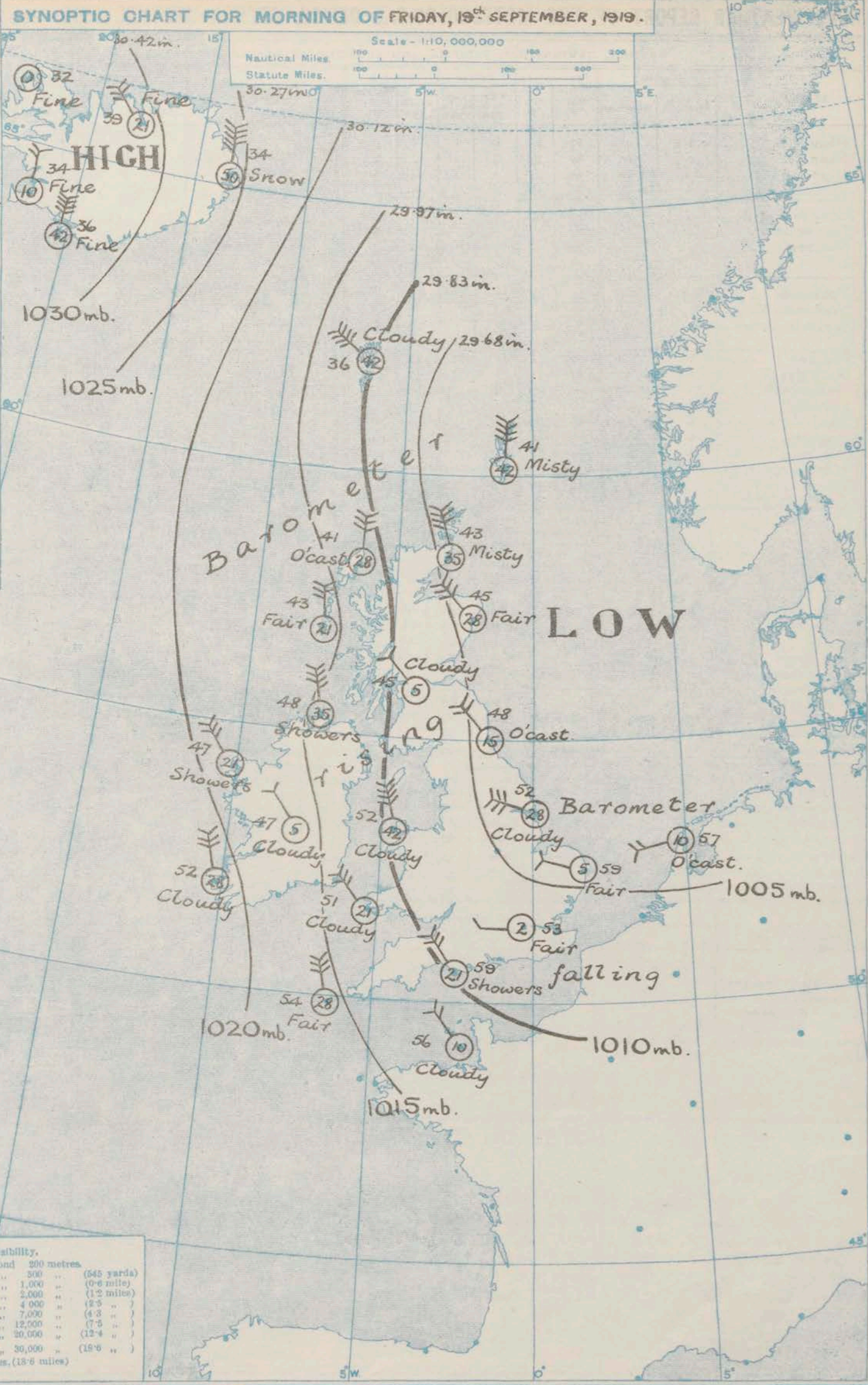
clouded.  
sky & clouded.  
rain falling.  
fog. = mist.  
under storm.

ook.

ther  
o  
er  
in  
an

Scale of Surface Visibility.

0	Very Bad	Objects not visible beyond	200 metres	
1	Bad	"	500 "	(545 yards)
2	Very Poor	"	1,000 "	(0.6 mile)
3	Poor	"	2,000 "	(1.2 miles)
4	Indif.	"	4,000 "	(2.5 " )
5	Fair	"	7,000 "	(4.3 " )
6	Good, above ord.	"	12,000 "	(7.5 " )
7	Vy. gd., unusual	"	20,000 "	(12.4 " )
8	Excep. good	"	30,000 "	(18.6 " )
10	Objects visible beyond	30,000 metres.	(18.6 miles)	



st Division.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No 262B { Friday 19<sup>th</sup> September.

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR .....																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-18h. 17h.	Day. 9h-17h. 18h.	to 17h. 18h.	Sunrise to Sun- set. 17h.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-18h. 17h.	Day. 9h-17h. 18h.	to 17h. 18h.	Sunrise to Sun- set. 17h.
Scotland.	Oban ... ..	o.bcp	o	57	53	b	1	1.5	0.0	England, N.W.	Douglas (I.O.M.)	*	*	61	55	-	1	0.8	5.0
	Banff ... ..	o	bc	65	53	2	-	3.3	2.9		Blackpool ... ..	or	c	61	53	-	2	1.3	8.7
	Montrose ... ..	o.bc	bc	69	55	-	-	4.1	6.9		Southport ... ..	or.c.o	od.c.bc	61	53	1	0.1	0.3	9.2
	St. Andrews ...	o	c	62	55	-	-	4.5	3.2										
England, N.E.	Scarborough	*	*	66	53	-	-	0.6	8.2	Midlands.	Buxton ... ..	bc.b	bc.o	64	45	-	-	2.8	6.9
	Harrogate ... ..	o.c.op	of	61	51	-	1	0.1	9.6		Leamington Spa...	b.bc	bc.o	69	45	-	-	5.0	7.9
	Skegness ... ..	bc	bc.o	70	50	-	-	4.8	9.1		Malvern ... ..	b.bc	c.o	69	56	-	-	5.5	9.3
											Ross-on-Wye ...	bmw bp	og om	69	46	-	-	5.4	6.0
England, E.	Felixstowe ... ..	bz	bcm	69	48	-	-	9.3	10.0	Wales.	Rhyl ... ..	c.bc.c	cp c	65	57	-	3	0.0	8.1
	Walton-on-Naze...										Colwyn Bay ... ..	*	*	66	58	-	2	0.7	8.0
	Southend-on-Sea...	bz	bz	76	52	-	-	8.5	9.5		Llandudno ... ..	cp	or	63	57	-	2	1.0	8.7
										Aberystwyth ...	c	or	62	59	*	*	0.0	3.7	
England, S.E.	Margate ... ..	b	b	72	52	-	-	10.1	9.6	England, S.W.	Weymouth ... ..	bc.b.bc	bcm	70	49	-	-	8.0	10.2
	Ramsgate ... ..	b	b	67	49	-	-	9.5	8.6		Teignmouth ... ..								
	Folkestone ... ..	bm	bz.bc	68	47	-	-	9.2	7.3		Torquay ... ..	bc	bc.b.bc	69	52	-	-	7.8	8.6
	Hastings ... ..	b	b	68	53	-	-	10.3	9.9		Paignton ... ..	b.bc	bc.c	70	46	-	-	6.0	8.3
	Eastbourne...	b	b	67	48	-	-	9.7	10.0		Penzance ... ..	c.bc	bc.c	69	56	-	-	3.6	2.3
	Brighton ... ..	b	b	67	48	-	-	9.3	9.3		Newquay ... ..								
	Worthing ... ..	b	b	68	49	-	-	10.1	10.5		Bude ... ..	o.c.od	o	63	47	-	-	0.0	10.0
	Littlehampton ...	b	b	70	48	-	-	9.8	10.2		Ilfracombe ... ..	c.bc.cf	cf.o	63	53	-	-	2.6	7.8
	Bournemouth ...	*	*	66	46	0.3	-	8.5	12.7		Weston-s-Mare ...	b	bc.c	68	54	-	-	6.0	9.6
	Tunbridge Wells ...	b	b	70	44	-	-	9.7	9.7										

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.		THE BEAUFORT SCALE OF WIND FORCE.		
	WEATHER				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	RAINFALL.		Sun. Hours.			No.	Limits of Velocity.	
	7h-18h.	13h-18h.	18h-18h.	1h-7h.				Day. 7h-18h.	Night. 18h-7h.					Statute miles per hour.	Metres per second.
†Houton Bay (Orkney)... Esksdalemuir ... ..	3g odmorm.bay	3 p bcq.cq.org	of rh org rh og cq	Tq Cq.op.o	55 59	48 44	* 42	* 3	* 0.2	* 4.3					
†Stranraer ... ..	bc.cp			bc.cq	63	49	*	*	*	*					
†Lough Foyle ... ..		pq		Tq	57	44	*	*	*	*					
Valencia (Cahirciveen) ...	or.bc.b	b.bc.o.c		c.c.p	61	51	48	1	1	1.5					
†Anglesey (Llangefni) ...	om.r		or	or.	60	52	*	*	*	*					
Falmouth ... ..	om.cq	c.o	od.c.bc	bc.c	71	52	46	-	1	2.8					
†Calshot (Hants) ... ..	bz	bc.c	ofe	o	70	50	*	*	*	*					
†Capel (Folkestone)...	bz	bz	of	opd.	65	50	*	*	*	*					
Aberdeen ... ..	om.bcq	bcq.y	bc.org		67	44	42	0.1	3	4.6					
†East Fortune ... ..	c.o	bcq.cq.	b	rv	64	43	*	*	*	*					
†Flamborough Head ...		ofg	bq	b.c	65	45	*	*	*	*					
†Felixstowe ... ..	z	bz bz	bc.cq	bc.cr	69	49	*	*	*	*					
†Cranwell (Lincs) ...	c.o.bc.c	bc.c.o	om.c	c.o.w	68	47	*	*	*	*					
†Bedford ... ..	bz	z	omq	omw	72	47	*	*	*	*					
Benson ... ..	bm	bc.o			70	47	39	-	1	*					
London (Kew Obsy.) ...	fw.bmw.bz	bz.b.bc.c.o	r.bc o.bc.w		70	48	39	-	0.4	8.4					

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 2=heavy. Underlining is used to express continuity.

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.					
	24 HOURS ENDED 9h G.M.T. ...19 <sup>th</sup> ....								YESTERDAY.	TO-DAY.			...19 <sup>th</sup> ...9.20 <sup>th</sup> ...September, 1919.		
Greenwich (Royal Observatory)	b.	bc.c	c.o.c	74	49	40	1	9.5	50	90	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Stations.	Sunrise.	Noon.	Sunset
City (Bunhill Row) ...	*	*	*	*	*	*	*	7.6	*	*		G.M.T.	G.M.T.	G.M.T.	
Westminster (St. James's Park)	*	*	*	73	50	44	1	8.3	57	70					
" (Admiralty Arch)	bm	bm.cm	o.be	73	51	*	-	8.3	57	70		Yarmouth...	5.34	11.47	6.0
Camden Sq. (British Rainfall)	b3.b	b	*	74	48	46	2	7.1	54	71	Total 1203..... Joules.	Greenwich	5.36	11.46	5.57
Kensington Palace ...	bc.	bc	*	72	49	41	1	*	gh. 50	66					5.42
											Milliwatts.	Wick	5.44	11.53	6.3
											Average Rate, 26.8		5.51	12.6	6.21
											Maximum Rate, 54		5.53	12.5	6.18
												Valencia ...	6.22	12.35	6.48
													6.24	12.34	6.44

## NOTES ON THE WEATHER OF YESTERDAY.

The depression to the north of Scotland moved south-east and the weather became cloudy to overcast with showers over the whole country. Sunshine amounts were variable. More than 10 hours were recorded at Margate, Hastings, and Worthing. Over Scotland and Ireland sunshine amounts were comparatively small. The maximum temperature exceeded 70°F. at a few stations in the south of England. Winds were strong to high from W. or NW. in most districts of Scotland and Ireland.





METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.

No. 21421.B Saturday, 20th September 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 15H.																												
STATIONS.	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.	Dir.	Force 0-12.		°F.	%	0-10.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.	at M.S.L.	Change in 3 hours.		Dir.	Force 0-12.	°F.	%	0-10.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.
	m.b.														m.b.													
13H. G.M.T. OF 19th														15H. G.M.T. OF 19th														
†Houton B. (Orkney)	1006.4	0	NNW	7	0	37	98	6	1-1500	Cu.Nb	7	A.St	2	6	1005.0	-1	NNW	5	C	38	75	6	3-4000	Cu	5	A.St	2	5
†Eskdalemuir	1008.1	0	N	5	cy	46	55	8	5-7000	Cu.Nb	6	Ci	2	*	1009.2	0	NW	4	b	37	65	8	-	Cu	1	-	-	*
†Stranraer	1011.7	+1	NNW	6	bc	51	82	6	1-2000	Cu	6	-	-	*	1011.7	-1	NW	3	b	43	75	8	1-2000	Cu.Nb	3	-	-	*
†Lough Foyle	1021.6	0	NNW	6	C	55	65	8	2-3000	St.Cu	6	A.Cu	1	5	1013.2	-2	NW	7	C	45	75	7	2-3000	Cu	7	-	-	5
†Valencia (Cahire'n)	1021.6	0	NNW	6	C	55	65	8	2-3000	St.Cu	6	A.Cu	1	5	1021.0	-1	NNW	5	b	51	65	10	2-3000	Cu	2	Ci.Cu	1	4
†Anglesey (Llangefeli)	1012.1	+2	N	5	C	48	75	8	1-2000	Cu.Nb	8	-	-	5	1012.4	0	N	4	C	46	65	8	2-3000	Cu	8	-	-	5
†Falmouth	1015.3	+1	NW	6	cqv	56	65	8	-	Cu.Nb	7	-	-	8	1015.0	0	NNW	4	bqv	52	55	7	-	Cu	2	Ci	1	*
†Calshot (Hants)	1008.1	-1	NW	5	0	57	75	7	3-4000	St.Cu	10	-	-	5	?	+2	NW	3	bc	52	87	7	2-3000	St.Cu	5	-	-	4
†Capel (Folkestone)	1005.1	-2	NW	5	cd	52	82	7	3-4000	St	8	-	-	5	1006.5	+2	NNW	5	0	47	92	5	2-3000	St	6	?	?	6
Aberdeen	1007.1	+2	NW	6	bcq	45	45	8	-	Cu.Nb	4	-	-	4	1004.9	-4	WNW	6	bq	39	75	8	-	Cu.Nb	8	-	-	3
†East Fortune	1010.0	+2	NNE	5	C	47	55	7	4-5000	St.Cu	7	-	-	*	1007.8	-2	NNW	3	bc	42	75	7	3-4000	St.Cu	3	-	-	*
†Framborough Hd.	1004.6	+3	NNW	8	or	46	87	6	1-2000	St	10	-	-	*	?	+1	N	6	0	45	65	8	4-5000	St.Cu	7	A.St	2	*
†Felixstowe	1004.4	0	NNW	3	orq	52	98	3	1-2000	Nb	10	-	-	5	1006.4	+3	NNE	3	0	49	98	4	1-2000	Cu.Nb	9	-	-	5
†Cranwell (Lines)	1006.6	+4	NW	4	0	47	92	7	2-3000	St	5	A.Cu	5	*	1007.9	+1	NW	2	or	42	92	7	1-1500	Nb	10	-	-	*
†Bedford	1006.9	+1	NNW	4	0	49	98	2	3-4000	St	10	-	-	*	1009.7	0	NNW	3	C3	47	92	4	1500	St	7	-	-	*
Benson	1006.8	0	NW	3	0	51	82	6	*	*	*	*	*	*	1009.0	+1	NNW	4	bc	47	75	8	-	Cu	5	-	-	*
London (Kew Obs.)	1006.6	0	NNW	4	0	52	75	7	-	St.Cu	9	A.St	1	*	1008.1	+2	NW	2	C	50	65	6	-	St.Cu	7	-	-	*
1H. G.M.T. OF 20th														7H. G.M.T. OF 20th														
†Houton B. (Orkney)	1004.9	-3	W	3	C	35	87	6	-	Cu	7	-	-	*	998.9	-2	NNE	10	T2	42	98	3	1-1500	Nb	10	-	-	1
†Eskdalemuir	1004.9	-3	W	3	C	35	87	6	-	Cu	7	-	-	*	1000.5	-4	WNW	5	C	40	75	8	-	Nb	1	A.Cu	7	*
†Stranraer	1004.9	-3	W	3	C	35	87	6	-	Cu	7	-	-	*	1004.0	-3	NNW	6	0	42	98	8	2-3000	St	9	-	-	*
†Lough Foyle	1018.4	0	WNW	6	bc	46	*	*	*	*	*	*	*	*	1017.4	0	N	6	opq	48	82	8	2-3000	Cu.Nb	9	-	-	4
†Valencia (Cahire'n)	1018.4	0	WNW	6	bc	46	*	*	*	*	*	*	*	*	1017.4	0	N	6	opq	48	82	8	2-3000	Cu.Nb	9	-	-	4
†Anglesey (Llangefeli)	1007.5	-3	NW	3	0	41	82	-	1-1000	St	10	-	-	5	1006.1	-1	NNW	3	0	43	75	6	1-2000	Nb	8	Ci	1	4
†Falmouth	1013.1	-4	NW	2	b	43	65	7	-	Cu.Nb	1	-	-	*	1008.7	-1	NNW	6	cphq	43	75	7	-	Cu.Nb	8	-	-	*
†Calshot (Hants)	1011.3	+2	WNW	2	b	45	82	6	-	-	-	-	-	3	1006.9	-3	WNW	3	0	44	87	5	1-2000	St	10	-	-	3
†Capel (Folkestone)	1007.9	0	WNW	2	b	39	92	7	-	-	-	-	-	4	1006.8	-1	WNW	3	b3	37	82	7	2-3000	Cu	1	-	-	3
Aberdeen	998.8	-6	WNW	5	otsq	35	98	4	1-1000	Nb	10	-	-	*	996.2	-1	NW	5	or	45	92	6	-	Nb	10	-	-	4
†East Fortune	1003.1	-3	WNW	2	bc	39	82	-	3-4000	St.Cu	5	-	-	*	998.8	-4	NW	4	0	43	82	6	2-3000	St.Cu	9	-	-	*
†Framborough Hd.	1004.4	-2	W	3	b	35	87	8	-	-	-	-	-	*	999.8	-6	WSW	3	0	36	92	5	4-5000	St	2	A.St	8	*
†Felixstowe	1007.4	0	NNW	3	b	42	92	5	-	-	-	-	-	3	1006.1	-1	WNW	4	b2	38	87	4	5-7000	Cu	1	-	-	4
†Cranwell (Lines)	1007.4	-1	WSW	2	bcw	34	98	4	2-3000	St	2	Nb	1	*	1003.7	-4	W	3	C	36	98	6	3-4000	St	2	Ci	6	*
†Bedford	1008.7	-1	W	1	b3	36	92	-	-	-	-	-	-	*	1005.5	0	SW	3	C3	38	92	4	4-5000	Fr.Cu	7	-	-	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.0	-3	WSW	2	0	37	98	7	-	Cu	9	-	-	*
London	1008.4	0	WNW	3	b	42	*	*	*	*	*	*	*	*	1006.0	-2	SW	2	CW	39	82	5	-	St.Cu	4	C.St	4	*
STATIONS CONTRIBUTING REPORTS AT 7H AND 15H.																												
STATIONS.	BAROM.	TEMP.	WIND.		WEATHER.	BAROMETER.		TEMPERATURE.		WIND.		DIREC.	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.	Change in 24 hours.	Dir.	Force 0-12.					mm.	inches.	Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	Hours.					
	m.b.						m.b.																					
15H. G.M.T. OF 19th														7H. G.M.T. OF 20th														
Lerwick	998.8	45	NW	7	orm	995.8	0	48	+7	N	10	-	orm	7	8	48	42	orm	orm	orm	orm	orm	orm	4.1				
Stornoway	1007.0	39	NW	6	cphq	1008.1	0	45	+4	N	6	-	0	5	5	15	45	or. cphq	or. cphq	or. cphq	or. cphq	or. cphq	or. cphq	6.0				
Castlebay (Barra Is)	1010.1	42	WNW	3	oph	1010.0	0	47	+4	NNW	5	NNW	5	0	5	7	47	38	bcph	bcph	bcph	bcph	bcph	8.0				
Glasgow	1009.7	38	W	3	bc	1002.7	-2	41	-4	WNW	3	N	0	0	2	Trace	49	34	cph	cph	cph	cph	cph	7.8				
Malin Head	1012.9	45	WNW	6	bcq	1007.7	+1	48	0	NW	6	-	bcq	6	7	68	41	bcq	bcq	bcq	bcq	bcq	bcq	*				
Blacksod Point	1017.8	50	NNW	4	bcq	1015.6	+1	46	-1	NW	6	-	op	5	3	58	42	cpm	cpm	cpm	cpm	cpm	cpm	*				
Roche's Point	1018.9	51	N	3	b	1013.2	-3	47	-3	NNW	6	NNW	6	bc	4	4	56	40	bc. cp	bc. cp	bc. cp	bc. cp	bc. cp	8.4				
Birr Castle	1017.5	47	NW	4	C	1013.8	*	43	-4	NW	3	N	0	C	*	3	53	36	cp	cp	cp	cp	cp	cp	*			
Donaghadee	1013.2	45	NNW	5	bcv	1006.4	-2	49	-1	NNW	6	-	cmq	6	3	51	38	bcq	bcq	bcq	bcq	bcq	bcq	*				
Liverpool (Bidston)	1009.4	47	NW	5	C	1003.1	-3	44	-5	WNW	4	N	bc	4	4	52	35	C	qg	qg	qg	qg	qg	4.5				
Holyhead	1012.5	49	NW	7	C	1005.4	-2	47	-5	NW	6	N	cpq	5	5	53	40	C	bc. cpq	bc. cpq	bc. cpq	bc. cpq	bc. cpq	7.9				
Pembroke (St. Ann's Head)	1015.3	47	N	5	bcq	1008.1	0	44	-7	NNW	5	N	bcq	5	1													



# SUMMARY OF CONDITIONS AT 7 A.M. Saturday, 20th September, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW-NW. 5-10	Cold	Fine to cloudy.	Good	Slight
2. E. England	SW-NW. 5-10	"	Fine to cloudy; hoar frost locally.	Ord.	"
3. E. Midlands	SW-WSW. 5-10	"	Cloudy or dull.	"	"
4. W. Midlands	WSW-NW. 5-10	"	Cloudy or dull	"	"
5. S.W. England	NNW. 30-40	"	Squally, rain and hail showers.	Good	R. rough
6. South Wales	NNW. 10-20	"	Fair to cloudy, squally.	"	"
7. North Wales	NNW. 10-25	"	Cloudy, squally, some showers.	"	"
8. N.W. England	NW. 10-15	"	Fair to cloudy.	"	Moderate
9. N. Midlands	W-NW. 10-15	"	Cloudy or dull.	Fair	"
10. N.E. England	W-NW. 10-15	"	Dull, snow showers locally	Ord.	Moderate
11. E. Scotland	NW-N. 15-30	"	Dull. Rain locally.	Good	"
12. S.W. Scotland	NW. 20-30	"	Cloudy or dull.	V. good	Rough
13. Isle of Man	NNW 30	"	Cloudy, showers, squally.	Good	"
14. N. & N.W. Scot- land	NW-N. 30-40	"	Dull, rain and mist locally.	Mod.	R. rough
15. Hebrides	NW-N. 20-30	"	Cloudy or dull.	"	"
16. Orkneys and Shetlands	N-NNE. 55-60	"	Dull, rain and mist.	Poor	High
17. N.W. Ireland	NW. 30	"	Cloudy, squally, local mist.	Ord.	Rough
18. N.E. Ireland	NW. 20-30	"	Dull, showery, squally.	"	R. rough
19. S.E. Ireland	NW-N. 30	"	Fine to dull	"	Moderate
20. S.W. Ireland	W-NW. 15-30	"	Dull, rainy	V. good	"

Upper Cloud

Visibility

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**—  
 ○ clear sky. ○ sky & clouded.  
 ⊙ sky & clouded. ⊙ sky & clouded.  
 ⊕ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog ≡ mist.  
 T thunder. F thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough ~~~~~ High ~~~~~

GENERAL INFERENCE from observations received up to 10 A.M.

A deep depression is centred over Scandinavia. A secondary is developing and moving south over England. Cold, unsettled weather with high winds or gales is likely.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Saturday, 20th September, 1919	Further Outlook.
1. S.E. England	Moderate to fresh SW. breezes veering to NW. and increasing to high, probably to gale force in exposed places. Variable low cloud, heavy rain or hail showers, squally. Cold.	Cold, unsettled weather will probably continue beyond the 24 hour period.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England	High winds or gales from NW. or N. Variable low cloud, heavy rain, sleet or hail showers. Squally. Cold.	
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. Scot- land		
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		



30-27 in. 20 15

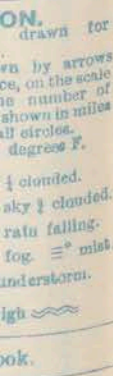
Scale - 1:10,000,000

Nautical Miles. 100 0 100 200

Statute Miles. 100 0 100 200

10' 5'w 10' 5'

32 Fine Bar



	Very Bad	Bad	Objects not visible beyond	200 metres.	
1.	Very Bad	"	"	500	(545 yards)
2.	Bad	"	"	1,000	(0.6 mile)
3.	Very Poor	"	"	2,000	(1.2 miles)
4.	Poor	"	"	4,000	(2.5 " )
5.	Indif.	Ordinary	"	7,000	(4.3 " )
6.	Fair	"	"	12,000	(7.5 " )
7.	Good, above ord.	"	"	20,000	(12.4 " )
8.	Vy. gd., unusual	"	"	30,000	(18.6 " )
9.	Excep. good	"	"		
10.	Objects visible beyond		30,000 metres,		(18.6 miles)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. .... Saturday 20<sup>th</sup> Sept. 1919

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR .....																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-19h. 18h.	Day. 19h-17h. 19h.	to 17h. 19h.	Sunrise to Sun- set. 18h.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-19h. 18h.	Day. 19h-17h. 19h.	to 17h. 19h.	Sunrise to Sun- set. 18h.
Scotland.	Oban ... ..	o. bcp	bc	48	42	-	2	57	1.7	England, N.W.	Douglas (I.O.M.)	*	*	52	44	2	?	9.2	0.8
	Banff ... ..	hpa bc	bcpq	46	40	9	0.2	4.9	3.4		Blackpool ... ..	op	c	54	47	2	1	2.1	1.3
	Montrose ... ..	bc	bc	?	38	-	0.6	8.5	4.1		Southport ... ..	o.c. or c	crh. c	52	46	1	1	3.0	1.2
	St. Andrews ... ..	b	c	49	42	-	-	8.1	5.1										
England, N.E.	Scarborough	*	*	60	53	-	-	0.5	0.6	Midlands.	Buxton ... ..	r. bc	bc cr. o	49	43	5	2	0.5	2.8
	Harrogate ... ..	bc	c. bc. o	50	45	0.3	-	1.3	0.2		Leamington Spa... ..	op	o. bcp	53	45	-	0.3	0.7	6.0
	Skegness ... ..	o	o. bc	51	47	0.4	1	1.1	4.8		Malvern ... ..	o. c	bc. b	54	48	-	1	4.2	5.5
											Ross-on-Wye ... ..	bq. c. d	cp. b. c	57	47	1	0.2	6.1	5.4
England, E.	Felixstowe ... ..	bcp. om	opq. bc	60	46	1	1	3.7	9.3	Wales.	Rhyl ... ..	cp	bchp	54	47	4	0.4	3.5	0.4
	Walton-on-Naze... ..										Colwyn Bay ... ..	*	*	55	49	2	-	4.6	1.1
	Southend-on-Sea... ..	cr bc	bc b. b	57	49	2	-	3.0	8.5		Llandudno ... ..	c	c. b	56	48	3	-	4.6	1.4
											Aberystwyth ... ..	or c	c. o. c	53	49	4	*	2.0	0.0
England, S.E.	Margate ... ..	c	cp	57	52	0.3	0.1	1.4	10.1	England, S.W.	Weymouth ... ..	bc	bc	62	52	-	-	8.0	8.0
	Ramsgate ... ..	*	*	64	49	1	2	1.1	9.5		Teignmouth ... ..	bcp	bcp	58	51	-	-	8.5	?
	Folkestone ... ..	bcp	cdu	60	49	-	1	4.2	9.2		Torquay ... ..	c. bc	bc b. b	59	52	0.3	0.1	7.3	8.1
	Hastings ... ..	o	bc	60	51	-	-	3.4	10.8		Paignton ... ..	bcp	bcpq	58	51	1	-	6.4	6.0
	Eastbourne ... ..	c. o	or. c	60	51	0.3	0.3	4.4	10.0		Penzance ... ..	o. c	c. bc	60	52	3	-	4.0	3.6
	Brighton ... ..	bc. c. o	op	58	51	-	1	3.2	9.3		Newquay ... ..	cp	cp	55	52	1	-	1.7	?
	Worthing ... ..	bc	cr. o	57	49	-	0.3	3.5	10.1		Bude ... ..	op bc	bcp	62	50	2	0.2	4.6	0.0
	Littlehampton ... ..	b. bcp	o	58	52	-	1.2	4.0	9.8		Ilfracombe ... ..	cpq	cpq	55	52	2	0.3	2.5	2.6
	Bournemouth ... ..	*	*	59	50	-	0.3	5.8	8.5		Weston-s-Mare ... ..	b. b. bc	bc	58	52	1	-	8.0	6.0
	Tunbridge Wells ... ..	o	c. o	57	47	1	-	2.1	9.7										

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.			THE BEAUFORT SCALE OF WIND FORCE.		
	WEATHER				Max. Temp. °F.	Min. Temp. °F.	Mid. on Grass. °F.	RAINFALL.		Sun. Hours.	No.	Limits of Velocity.				
	7h-13h. 19 <sup>th</sup>	13h-18h. 19 <sup>th</sup>	18h. 19 <sup>th</sup> -1h. 20 <sup>th</sup>	1b-7h. 20 <sup>th</sup>				Day. 7h-18h.	Night. 18h-7h.			Statute miles per hour.	Metres per second.			
†Houton Bay (Orkney)...	prh. q	prh. q	bc. bc. c	rh. op	49	37	*	*	*	*	0	Less than 1	Less than 0.3			
Eskdalemuir ...	o. c. bcp	ch. q. s. b. b	bc. bc. c	op	49	32	27	0.4	0.2	7.0	1	1-3	0.3-1.5			
†Stranraer ...	bq. bcq	bc. cp		cv	63	35	*	*	*	*	2	4-7	1.6-3.3			
†Lough Foyle ...		pr. s					*	*	*	*	3	8-12	5.4-5.4			
Valencia (Cahirciveen) ...	c. bc. op	cy. b	cr. cp. c		55	44	41	-	-	7.0	4	13-18	5.5-7.9			
											5	19-24	8.6-10.7			
†Anglesey (Llangefni) ...	c. op	cp. op	rq. oq		60	38	*	*	*	*	6	25-31	10.8-13.8			
Falmouth ...	cq. v	c. bc. q	bc. v. b. bcp.		57	42	?	-	3	5.0	7	32-38	13.9-17.1			
†Calshot (Hants) ...	cq	bc. cr. s. p	p. p.		62	37	*	*	*	*	8	39-46	17.2-20.7			
†Capel (Folkestone) ...	cv. ov	cp. op	bc. cr	b. bc	64	33	*	*	*	*	9	47-54	20.8-24.4			
											10	55-63	24.6-28.4			
Aberdeen ...	bc. cp.	bc. s. p. q	bq. ora		47	35	32	0.4	13	7.9	11	64-75	28.5-33.6			
†East Fortune ...	cq. oq	prh. q	bq. bcq	c. oprh	55	33	*	*	*	*	12	Above 75	33.6 or above			
†Flamborough Head ...	r. k	k. v	bq	b. c	65	32	*	*	*	*	Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity. 0=slight, 2=heavy. Underlining is used to express continuity.					
†Felixstowe ...	cp	cp	cp. op	b. z	55	37	*	*	*	*						
†Cranwell (Lincs) ...	ps	cr	am. o	b. bc. c	50	31	*	*	*	*	SYMBOLS— Aurora ☄ Solar halo ☉ Rime ☃ Lunar halo ☾ Glazed frost ☄ Solar corona ☉ Glazed roads ☄ Lunar corona ☾					
†Bedford ...	orm	om. d. p	p	omw	57	32	*	*	*	*						
Benson ...	o	bcp	op.		52	30	24	0.2	0.1	*	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. 20 <sup>th</sup> 21 <sup>st</sup> September, 1919.					
London (Kew Obsy.) ...	bcw. cor. o	op. o	b. bc. c. w		55	36	23	-	-	1.4						

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.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.		20 <sup>th</sup> 9. 21 <sup>st</sup> September, 1919.			
		24 HOURS ENDED 9h G.M.T. 20 <sup>th</sup> ..								YESTERDAY.	TO-DAY.			Stations.	Sunrise.	Noon.	Sunset.
Greenwich (Royal Observatory)	o.	c.o.	c.b.bc	55	33	24	2	1.0	72	73	Total ..... 526 ..... Joules. Average Rate. 11.8 Maximum Rate. 50		Yarmouth ... {	Greenwich {	Wick ... {	Valencia ... {	
City (Banfill Row) ... ..	*	*	*	*	*	*	*	1.2	*	*							7.8
Westminster (St. James's Park)	*	*	*	56	35	29	3	1.4	71	78	7.12	4.46	11.56	7.6			
Admiralty Arch	cm. omq	cpq	cpq.bc	58	37	*	3	1.5	74	70					7.10	4.55	12.3
Camden Sq. (British Rainfall)	*	*	*	56	34	32	3	0.8	74	83	7.42	4.56	12.3	7.44			
Kensington Palace ... ..	r.bc	bc.c	*	56	35	24	1	*	18.72	84					7.56	5.34	12.44

## NOTES ON THE WEATHER OF YESTERDAY.

The weather was characterised by very low temperatures for the time of year and hail or snow showers. Minima of 32°F. were reported from Dungeness, Eskdalemuir, Flamborough Head and Benson. Heavy showers were general, 15 mm. of rain were measured at Stornoway, and 10 mm. at Nairn. Most stations experienced some sunshine; 9.2 hours were recorded at Douglas, Isle of Man; there was no sunshine recorded at Yarmouth.





METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.

No 2122 B Sunday, 21<sup>st</sup> September, 1919.

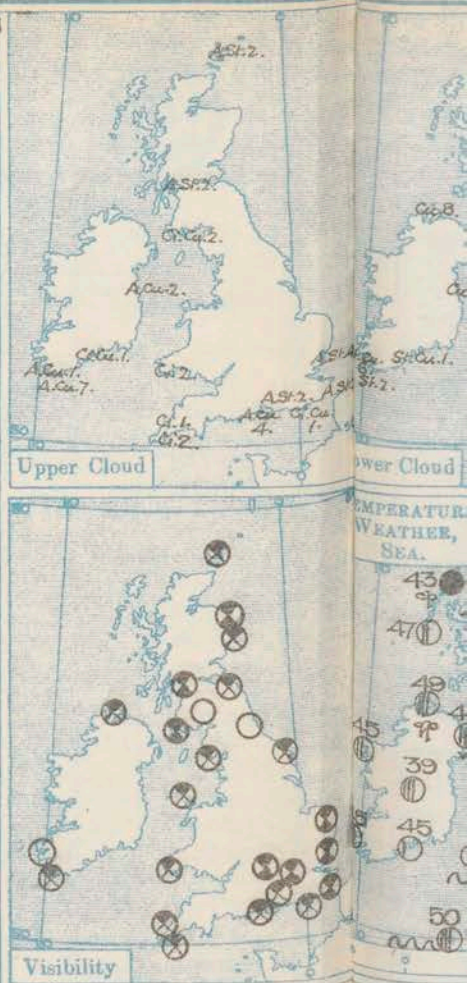
OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.

STATIONS.	13H. G.M.T. OF ... 20 <sup>th</sup> ...														18H. G.M.T. OF ... 20 <sup>th</sup> ...													
	Barom. at M.S.L. m.b.	Change in 3 hours.	WIND. Direc.	Force 0-12.	Weather.	TEMP. °F.	Humidity %	Visibility 0-10.	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. m.b.	Change in 3 hours.	WIND. Direc.	Force 0-12.	Weather.	TEMP. °F.	Humidity %	Visibility 0-10.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.
†Houton B. (Orkney)	998.1	-3	N	7	ok	44	92	2	2-3000	Nb	7	2-5	3	7	998.1	+1	N	9	ok	44	98	1	2-3000	Nb	6	2-5	4	7
†Eskdalemuir ...	1000.6	0	NW	6	cpq	47	65	6	-	CaNb	8	-	-	*	1000.6	0	NNW	5	bcv	44	98	6	-	Fr. Cu	4	-	-	*
†Stranraer ...	1003.8	+1	NNW	7	bc	52	92	6	2-3000	St Cu	5	-	-	*	1003.8	0	NNW	7	om	49	92	8	12-2000	St	4	2-5	2	*
†Lough Foyle ...	1009.3	-1	N	9	o	50	87	6	2-3000	Ca	9	-	-	5	1009.3	-2	N	9	crs	47	87	6	2-3000	CaNb	8	-	-	5
†Valencia (Cahire'n)	1017.2	-2	NNW	6	ca	58	65	7	2-3000	St Cu	6	Ca	1	5	1017.2	0	NNW	6	cpq	51	65	8	3-4000	St Cu	6	2-5	4	*
†Anglesey (Llangefni)	1005.3	0	NNW	6	o	50	82	6	1-1500	Nb	7	Ca	2	7	1005.3	0	N	5	ca	49	75	7	12-2000	CaNb	7	-	-	7
†Falmouth ...	1008.6	-1	NNW	7	ca	52	65	7	-	CaNb	7	-	-	*	1008.6	+1	NNW	5	bcv	50	75	6	-	CaNb	6	-	-	*
†Calshot (Hants) ...	1005.2	-2	NW	1	bc	54	65	8	2-3000	St Cu	3	Ca	2	3	1005.2	-1	NW	2	bc	50	82	7	5-7000	St Cu	2	2-5	1	3
†Capel (Folkestone)	1004.4	-2	W	4	cv	50	55	8	3-4000	Ca	7	Ca	1	4	1004.4	0	W	2	bcv	48	65	8	3-4000	Ca	3	-	-	4
Aberdeen ...	995.9	0	NW	7	ca	51	65	7	-	CaNb	8	-	-	5	995.9	+1	NW	6	cpq	47	92	6	-	Nb	9	-	-	5
†East Fortune ...	999.0	0	N	6	cv	51	65	7	2-3000	CaNb	7	-	-	*													*	
†Flamborough H.	996.2	-2	W	6	osp	46	75	5	1-1500	St	10	-	-	8													*	
†Felixstowe ...	1003.2	-3	NNW	5	bcq	58	50	8	-	Ca	4	2-5	2	4	1003.2	-1	NNW	4	o	57	65	5	2-3000	St Cu	9	-	-	5
†Cranwell (Lines)	1000.7	-3	W	3	o	47	92	5	12-2000	St	10	-	-	*	1000.7	0	NNW	3	o	48	75	7	12-2000	St Cu	5	2-5	2	*
†Bedford ...	1003.1	-2	W	3	bc	54	55	3	5-7000	Ca	5	-	-	*	1003.1	0	W	2	od	50	92	6	3-4000	St Cu	10	-	-	*
Benson ...	1003.4	-3	WSW	3	o	51	55	8	-	*	*	*	*	*	1003.4	-1	W	1	bc	46	92	8	-	Ca	4	2-5	2	*
London (Kew Obs.)	1004.1	-2	NNW	3	by	50	55	8	-	Ca	2	2-5	1	*	1004.1	+1	W	2	or	49	75	7	-	Nb	9	-	-	*
1H. G.M.T. OF ... 21 <sup>st</sup> ...														7H. G.M.T. OF ... 21 <sup>st</sup> ...														
†Houton B. (Orkney)	1000.4	+1	N	6	om	42	92	4	2-1000	Nb	10	-	-	6	1001.7	+2	N	6	bc	42	82	6	2-3000	St	3	2-5	2	5
†Eskdalemuir ...	1003.7	+3	NNW	5	bcq	42	75	7	-	Ca	4	-	-	*	1003.7	+2	SSW	2	b	40	75	8	-	-	-	-	-	*
†Stranraer ...	1005.0	0	N	4	b	47	-	-	2-3000	St	3	-	-	*	1005.0	0	NNW	3	bc	47	92	5	3-4000	Ca	3	2-5	2	*
†Lough Foyle ...															1008.6	-1	NNW	1	c	47	87	7	2-3000	Ca	8	-	-	4
†Valencia (Cahire'n)	1018.3	-1	NNW	3	o	50	*	*	*	*	*	*	*	5	1018.3	-1	N	1	c	45	82	8	3-4000	St Cu	6	2-5	1	3
†Anglesey (Llangefni)	1005.8	+2	NNW	5	o	48	87	-	500	St	10	-	-	5	1007.4	+1	NNW	2	n	44	92	7	2-1000	St	10	-	-	4
†Falmouth ...	1009.4	0	NNW	6	bcq	48	65	6	-	CaNb	1	-	-	*	1009.4	+1	NNW	5	bc	47	75	7	-	CaNb	4	2-5	2	3
†Calshot (Hants) ...	1005.2	+1	NNW	3	b	45	57	6	-	-	-	-	-	4	1006.7	+1	NNW	3	b	47	87	6	-	-	-	-	3	
†Capel (Folkestone)	1002.8	0	NW	4	bv	42	87	8	-	-	-	2-5	1	5	1004.0	+3	NNW	2	3	42	92	5	3-4000	St Cu	7	2-5	2	3
Aberdeen ...	995.2	+2	N	7	orf	45	?	-	3-4000	Nb	10	-	-	*	1002.0	+3	NW	5	r	44	82	7	-	CaNb	5	-	-	4
†East Fortune ...	1003.4	+2	NNW	2	orf	45	40	-	2-3000	Nb	9	-	-	*	1003.4	+1	NNW	5	q	45	82	7	4-5000	St Cu	2	-	-	*
†Flamborough H.	998.1	+1	NNW	7	osp	46	75	7	12-2000	?	8	-	-	*	1002.5	+4	NW	6	bc	46	75	7	3-4000	St Cu	6	-	-	*
†Felixstowe ...	1002.1	-1	NNW	3	b	45	92	-	-	-	-	-	-	5	1002.8	+1	NNW	4	o	46	87	4	4-5000	St Cu	5	2-5	4	3
†Cranwell (Lines)	?	+1	?	3	or	42	98	4	1-1500	Nb	10	-	-	*	1003.5	+3	NNW	3	b	45	75	7	2-3000	St	2	2-5	1	*
†Bedford ...	1003.4	0	W	2	bw	39	45	2	-	-	-	-	-	*	1003.8	+2	NW	1	cm	40	98	5	-	St	8	-	-	*
Benson ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.8	+2	NW	1	cm	40	98	5	-	St	8	-	-	*
London ...	1003.4	0	W	2	b	45	*	*	*	*	*	*	*	*	1005.4	+4	W	2	or	42	92	5	-	St	10	-	-	8
(M.O. at 1h.)																												
STATIONS CONTRIBUTING REPORTS AT 7H AND 18H.																												
STATIONS.	Barom. at M.S.L. m.b.	TEMP. °F.	WIND. Direc.	Force 0-12.	Weather.	Barometer. at M.S.L. m.b.	Change in 3 hours.	TEMP. °F.	Change in 24 hours.	WIND. Direc.	Force 0-12.	Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP. °F.	WEATHER.	Sunshine Hours.										
Lerwick ...	995.9	48	N	4	om	998.3	+3	46	-2	N	4	-	omr	4	4	49	44	omr	5.3									
Stornoway ...	1006.7	45	N	6	bcq	1006.5	0	43	-2	NW	3	-	cp	3	9	48	40	bcq	5.0									
Castlebay (Barra)	1009.4	48	NNW	5	c	1007.8	0	47	0	NW	3	-	bc	3	2	49	45	cp bc	4.5									
Glasgow ...	1002.7	48	NW	4	ca	1006.1	+3	41	0	NNW	2	N	b	*	1	54	33	ca bc										
Malin Head ...	1006.9	48	NW	6	bcq	1007.6	0	49	+1	NW	4	NW	cp	4	2	56	36	bcq	6.2									
Blackod Point	1013.8	50	NW	5	bc	1010.5	-3	45	-1	W	1	-	bc	2	1	53	41	bc	*									
Roche's Point...	1013.1	50	NW	6	b	1012.8	-1	45	-2	NW	2	NW	b	1	1	54	44	cp	6.8									
Birr Castle ...	1012.6	47	NW	3	c	1011.6	*	39	-4	W	1	-	c	*	1	53	36	cp										
Donaghadee ...	1006.4	50	N	7	bcq	1008.3	0	46	-3	NW	3	N	bcv	3	0.3	54	45	bcv	*									
Liverpool (Bidston)	1001.7	51	NW	5	bc	1005.6	+2	48	+4	N	2	N	b	2	1	54	44	bc	6.2									
Holyhead ...	1004.6	51	NW	8	ca	1007.0	+1	50	+3	NW	7	N	ca	6	5	53	47	ca	4.5									
Pembroke (St. Ann's Head)	1008.5	49	NNW	5	cpq	1009.9	+1	47	+3	NW	4	N	bc	5	5	54	42	cp	3.3									
Scilly (St. Mary's)	1011.6	49	NNW	6	cpq	1011.9	0	50	+3	NW	4	NW	c	5	6	55	40	cp	7.4									
Jersey (St. Aubin)	1005.5	51	NNW	3	b	1007.8	+1	51	+3	NW	3	NW	b	2	10	52	44	cp	1.3									
Portland Bill ...	1006.0	50	NW	4	bc	1005.8	+3	50	+8	NNW	5	NW	bc	4	0.4	56	42	bc	*									
Dungeness ...	1003.0	52	W	3	b	1003.7	+2	41	+4	NNW	3	W	bc	3	-	53	36	bc										
Wick ...	998.1	48	NW	7	ompq	1001.5	+3	45	-2	NW	3	-	bc	4	3	50	43	ompq	*									
Nairn ...	1001.0	47	NNW	7	c	1004.1	*	45	-1	NW	3	-	cg	3	2	50	43	cp	3.3									
Leith ...	999.9	49	NNW	5	c	1004.1	0	44	0	NW	2	NW	b	*	-	52	43	cp										
Tynemouth ...	997.5	49	NW	4	cpm	1002.3	+3	41	+7	NNW	3	-	bm	3	1	52	33	cpm	*									
Spurn Head ...	997.9	51	NNW	6	ca	1001.7	+2	48	+8	NW	6	-	ca	6	3	51	38	ca	*									
Yarmouth (Gorleston)	1003.8	49	W	4	c	1000.9	+1	44	+9</																			



# SUMMARY OF CONDITIONS AT 7 A.M. Sunday, 21st September, 1919.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	W-NW 5-10	V. cold	Fair to dull slight rain	Good	Slight
2. E. England	W-NW 10-15	Cold	Variable sky, mist & rain	Fair	"
3. E. Midlands	W-NW 2	"	Variable sky, local mist	Good	"
4. W. Midlands	W-NW 2-5	"	Fine to cloudy	"	"
5. S.W. England	NW-N 15-20	"	" " "	"	Mod.
6. South Wales	NW 10-15	"	Fair	"	"
7. North Wales	NW-N 10-28	"	Cloudy, local rain &	"	R. rough
8. N.W. England	NW-N 5-10	R. cold	Fine squalls	"	Slight
9. N. Midlands	W-NW 2-10	Cold	Fair or fine	"	"
10. N.E. England	W-NW 15-28	"	Fine to cloudy, local	"	R. rough
11. E. Scotland	NW-N 10-20	"	Fine to cloudy, slight	"	Mod.
12. S.W. Scotland	W-NW 5-10	R. cold	Fine or fair, local rain & squalls	Fair	Slight
13. Isle of Man	NW-N 5-15	"	" " "	Good	"
14. N. & N.W. Scotland	NW 10	"	Fine to cloudy	"	"
15. Hebrides	NW 10	Cold	Fair to cloudy; local	"	Slight
16. Orkneys and Shetlands	N 15-20	"	Variable sky mist & showers	Fair	Mod.
17. N.W. Ireland	W-NW 2-10	"	Fair to cloudy in Shetlands	Good	Smooth
18. N.E. Ireland	W-NW 5-15	R. cold	Fair to cloudy, local	"	Slight
19. S.E. Ireland	SW-NW 2-5	V. cold	Fair or cloudy showers & squalls	"	"
20. S.W. Ireland	NW-N 2-5	Cold	Fine to cloudy	V. good	"



GENERAL INFERENCE from observations received up to 10 a.m.

There are indications of a depression approaching our Western coasts. Winds will probably moderate temporarily, accompanied by an improvement in the weather, and then freshen again from SW. or W.

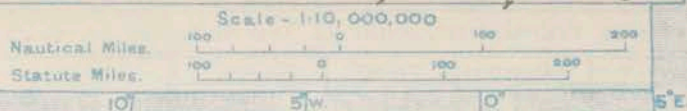
**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**  
 ○ clear sky. ○ sky & clouded.  
 ⊙ sky & clouded. ⊙ sky & clouded.  
 ⊕ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog ≡ mist.  
 T thunder. R thunderstorm.  
**SEA DISTURBANCE.**— Rough ~~~~~ High ~~~~~

Districts.	Forecasts for the 24 hours commencing 3 p.m. Sunday, 21st September, 1919.
1. S.E. England	Light or moderate North-westerly breezes backing later to South-west or South and freshening. Weather improving temporarily and temperature rising
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	Moderate Southerly to South-westerly breezes freshening.
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	Unsettled, some rain probable. Moderate temperature.

Further Outlook.  
 Conditions are likely to become unsettled again after a temporary improvement.



SYNOPTIC CHART FOR MORNING OF Sunday, 21<sup>st</sup> Sept<sup>r</sup>, 1919.



### Scale of Surface Visibility.

Scale of Surface Visibility				
0	Very Bad	Objects not visible beyond	200 metres.	
1	Bad	"	500 "	(545 yards)
2	Very Poor	"	1,000 "	(0·6 mile)
3	Poor	"	2,000 "	(1·2 miles)
4	Indif.	"	4,000 "	(2·5 " )
5	Fair	"	7,000 "	(4·3 " )
6	Good, above ord.	"	12,000 "	(7·5 " )
7	Vy. gd., unusual	"	20,000 "	(12·4 " )
8	Except. good	"	30,000 "	(18·6 " )
10	Objects visible beyond 30,000 metres, (18·6 miles)			



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 264 B

Sunday  
21st Sept. 1919

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. 19h-20h.	Day. 9h-17h. 20h-21h.	to 17h. 20h.	Sunrise to Sunset. 19h-21h.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-19h. 19h-20h.	Day. 9h-17h. 20h-21h.	to 17h. 20h.	Sunrise to Sunset. 19h-21h.
Scotland.									England, N.W.								
Oban ... ..	*	bcp. bc	52	34	trace	-	5.2	5.8	Douglas (I.O.M.)								
Banff ... ..	or	or	49	36	12	2	0.9	5.2	Blackpool ... ..								
Montrose ... ..	o	o	52	36	3	0.2	3.7	9.4	Southport ... ..	cbcc	cr. bc	54	38	2	0.1	4.7	3.0
St. Andrews ... ..																	
England, N.E.									Midland.								
Harrogate ... ..	dp. c	c. bc. b	50	32	1	0.1	1.1	0.5	Buxton ... ..								
Skegness ... ..									Leamington Spa ... ..	*	*	53	34	1	-	6.5	0.7
									Malvern ... ..								
									Ross-on-Wye ... ..	bc. bc. v	cp. bc. p	56	35	1	0.1	7.1	6.5
England, E.									Wales.								
Felixstowe ... ..	bc. v	bc. v	54	36	-	-	1.0	0.3	Rhyl ... ..								
Walton-on-Naze ... ..									Colwyn Bay ... ..								
Southend-on-Sea ... ..	b. bc.	b. bc. c	55	35	1	-	8.7	3.0	Llandudno ... ..								
									Aberystwyth ... ..	or. c	c. o	54	45	*	*	2.0	2.0
England, S.E.									England, S.W.								
Margate ... ..	b	b	57	36	-	-	10.6	1.4	Weymouth ... ..								
Ramsgate ... ..	b	b	53	33	-	-	10.5	1.1	Teignmouth ... ..								
Folkestone ... ..	c. bc. v	b. bc. v	56	34	1	-	9.8	4.2	Torquay ... ..								
Hastings ... ..	b	bc. b	57	34	-	-	10.3	3.1	Paignton ... ..	bc. p	cp. g	55	38	4	0.3	5.2	6.4
Eastbourne ... ..	bc	bc	55	37	-	-	9.8	4.4	Penzance ... ..								
Brighton ... ..									Newquay ... ..								
Worthing ... ..	o. bc	b	57	32	-	-	6.8	3.6	Bude ... ..	bc. p	bc. p. c	55	40	10	1	5.0	4.8
Littlehampton ... ..	o. c. b	bc. c	54	?	-	-	6.0	4.0	Ilfracombe ... ..								
Bournemouth ... ..	r. c	b	54	37	2	-	6.5	6.8	Weston-s-Mare ... ..								
Tunbridge Wells ... ..	b. bc. o	b	56	31	0.3	-	9.1	2.1									

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.		No.	Limits of Velocity.	
	7h-18h 20 <sup>h</sup>	18h-18h 20 <sup>h</sup>	18h 20 <sup>h</sup> -11h 21 <sup>h</sup>	1h-7h 21 <sup>h</sup>				Day. 7h-18h.	Night. 18h-7h.				Statute miles per hour.	Metres per second.
†Houton Bay (Orkney)... Esksdalemuir ... ..	q/p a.c. opg	opf o.v.c. bcv	r k bcv bg bcg	pom, bg bx	46 52	34 33	* 26	* trace	* -	* 4.9	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.	0 1 2 3 4 5 6 7 8 9 10 11 12	Less than 1 1-3 4-7 8-12 13-18 19-24 25-31 32-38 39-46 47-54 55-63 64-75 Above 75	Less than 0.3 0.3-1.5 1.6-3.3 3.4-5.4 5.6-7.9 8.0-10.7 10.8-13.8 13.9-17.1 17.2-20.7 20.8-24.4 24.5-28.4 28.5-33.5 33.6 or above
†Stranraer ... ..	bcg cg	bcv cv	bcv cv	b.bc	58	34	*	*	*	*				
†Lough Foyle ... ..	q/p	p k		c.o.k	59	42	*	*	*	*				
Valencia (Cahirveen) ...	opg c	bc cpg		cp.c	54	45	42	2	-	3.5				
†Anglesey (Llangefni) ...	cp	cp op	or	or	53	38	*	*	*	*				
Falmouth ... ..	bc chp	c. bcpg	bcpg	b. bcg	54	40	40	3	trace	5.8				
†Calshot (Hants) ... ..	c	bc c	b bc	bc.c	58	37	*	*	*	*				
†Capel (Folkestone) ... ..	bv bcv	bv bcv	bv bcv	v. b. o	55	33	*	*	*	*				
Aberdeen ... ..	ovg cg	c.vpg	dpg.bc		51	44	40	8	4	1.2				
†East Fortune ... ..	v p		om	b.bcv	53	37	*	*	*	*				
†Flamborough Head ...	rspg		cv	b.bcg	54	32	*	*	*	*				
†Felixstowe ... ..	bg bg	qv	cp op	bc.c	54	36	*	*	*	*				
†Cranwell (Lincs) ... ..	ct	ct	bc c o	p. bc.c	50	38	*	*	*	*				
†Bedford ... ..	bcg cg	bc c	bg bg				*	*	*	*				
Benson ... ..	bc	bcp	op		54	35	2			*				
London (Kew Obsy.) ...	arbcv by	ay.ct.o.or	o.bc.oe		54	39	29	trace	-	7.6				

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. ... 21 <sup>st</sup> ...								YESTERDAY.	TO-DAY.					
Greenwich (Royal Observatory)	o. b	b. o	o. b. o. p	57	39	29	trace	8.2	50	72	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	21 <sup>st</sup> ... 9. 22 <sup>nd</sup> ... September, 1919.			
City (Bunhill Row) ... ..	*	*	*	*	*	*	*	*	*	*		Stations.	Sunrise.	Noon.	Sunset.
Westminster (St. James's Park)	*	*	*	*	*	*	*	*	*	*		G.M.T.	G.M.T.	G.M.T.	
" (Admiralty Arch)	*	*	*	*	*	*	*	*	*	*		Yarmouth ... {	5.39	11.46	5.54
Camden Sq. (British Rainfall)	bc	c. o. n. c	*	58	39	37	1	6.9	61	71		Greenwich {	5.40	11.46	5.52
Kensington Palace ... ..	o. bc	c. o. p	*	55	39	31	0.2	*	71 (9h)	80		Wick ... {	5.46	11.53	6.1
											Total .....	Joules.			
											Milliwatts.				
											Average Rate. -				
											Maximum Rate. -				
												Valencia ... {	6.27	12.34	6.42

## NOTES ON THE WEATHER OF YESTERDAY.

Gales were experienced at many stations on our West and North coasts. Wind force 10 from North was reported from Lerwick and Houton Bay at 7h. Passing showers of rain were prevalent and hail showers were experienced at many stations in the North and West.

The day was very cold for the time of year, the maximum temperature nowhere exceeded 60° F., minima of 40° F. and less are reported from many stations. Sunshine amounts were variable; some stations on the South-east coast experienced more than 10 hours sunshine.

† Air Ministry Station.

\* Information for these columns not usually received.





# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT, BRITISH SECTION.

No 26123.B Monday, 22<sup>nd</sup> September, 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H.																												
STATIONS	BAROM. at M.S.L.	† Change in 3 hours.	WIND.		Weather	TEMP.	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.	Humidity. %	Visibility. 0-10.	Height of Low Cloud Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.
	m.b.		Dir.	Force 0-12.		°F.				Form.	Amt. 0-10.	Form.	Amt. 0-10.		m.b.		Dir.	Force 0-12.		°F.				Form.	Amt. 0-10.	Form.	Amt. 0-10.	
13H. G.M.T. .... 21 <sup>st</sup> .....														18H. G.M.T. OF .... 21 <sup>st</sup> .....														
†Houton B.(Orkney)	1002.8	+1	NW	2	c	45	75	6	3-4000	St Cu	5	2 Cu	3	2	1001.9	0	W	2	cd	41	98	5	2-3000	Nb	9	-	-	2
Eskdalemuir ...	1006.2	+1	WSW	1	bey	50	55	6	-	Cu	5	1	*	1005.3	-1	W	2	c	42	75	8	-	Cu	3	Ci	3	*	
†Stranraer ...	1006.9	0	?NNW	4	bc	54	87	8	2-3000	Cu	4	Ci Cu	2	*	1009.8	-2	-	0	0	52	98	8	-	-	-	-	*	
†Lough Foyle ...	1004.8	-1	NW	4	ov	48	75	7	3-4000	Cu Nb	9	-	-	4	1008.4	-5	SW	6	0	48	87	7	3-4000	St Cu	3	2 St	7	3
Valencia (Cahire'n)	1011.8	-2	W	1	o	54	65	8	3-4000	St Cu	8	2 St	2	1	1006.0	-4	S	3	0	52	87	10	1-2000	St	2	2 St	8	3
†Anglesey (Llangefni)	1008.3	0	NNW	3	c	54	75	8	3-4000	Cu	7	-	-	6	1008.3	0	W	1	c	48	75	8	4-5000	St Cu	5	Ci	3	2
Falmouth ...	1011.8	+1	NW	4	bey	51	55	9	-	Cu	2	-	-	*	1011.0	-1	NNW	2	bc	51	65	7	-	St Cu	1	Ci	1	*
†Calshot (Hants) ...	1007.8	+1	N	4	c	56	75	8	5-7000	Cu	4	2 Cu	2	4	1008.4	-1	WNW	1	c	52	87	7	5-7000	St Cu	5	-	-	3
†Capel (Folkestone)	1005.4	0	NW	5	bc	55	65	7	1-2000	St Cu	6	-	-	5	1007.5	+3	NNW	1	bcv	47	75	8	-	St Cu	2	2 St	1	2
1H. G.M.T. OF .... 22 <sup>nd</sup> .....														7H. G.M.T. OF .... 22 <sup>nd</sup> .....														
†Houton E.(Orkney)	994.2	-10	SSW	6	ov	40	92	4	2-3000	Nb	10	-	-	4	994.1	-4	SW	4	o	44	92	6	1-2000	St	8	A Cu	1	*
Eskdalemuir ...	1000.3	-6	SW	4	ov	43	82	8	-	St	9	-	-	*	993.7	-3	SW	4	o	54	98	8	2-3000	St	8	A St	2	*
†Stranraer ...	1006.9	0	WSW	5	ov	53	*	*	*	*	*	*	*	*	988.1	-9	WSW	8	n.f.	51	98	5	1-2000	Nb	10	-	-	4
†Lough Foyle ...	1005.8	0	NNW	5	ov	53	*	*	*	*	*	*	*	*	1001.8	-4	WSW	5	o	56	87	6	1-1500	St	3	-	-	4
Valencia (Cahire'n)	1003.7	-6	SW	2	cd	47	87	-	5-1000	Nb	10	-	-	6	998.4	-2	W	2	o	50	92	7	5-1000	St Cu	10	-	-	6
†Anglesey (Llangefni)	1008.2	-4	WSW	3	o	48	82	5	-	St	9	-	-	*	1003.3	-3	SW	4	o	53	98	5	-	Nb	10	-	-	*
Falmouth ...	1008.1	0	NNW	1	b	48	87	6	2-3000	St	2	-	-	3	1004.5	-2	WSW	1	o	48	98	6	2-3000	St	6	A St	4	3
†Calshot (Hants) ...	1007.6	-1	NNW	2	b	45	75	6	-	-	-	-	-	2	1004.9	-2	W	3	v	47	75	8	3-4000	Cu	2	A St	7	3
†Capel (Folkestone)	1007.6	-1	NNW	2	b	45	75	6	-	-	-	-	-	2	1004.9	-2	W	3	v	47	75	8	3-4000	Cu	2	A St	7	3
§Aberdeen ...	997.2	-3	S	1	cd	45	75	5	<500	Nb	10	-	-	*	991.9	-3	SW	2	ov	43	98	5	-	-	A St	10	3	
†East Fortune ...	999.3	-6	SSW	1	cd	46	82	-	4-5000	St	10	-	-	*	992.9	-4	SSW	2	c	47	82	6	5-7000	St Cu	6	A St	2	*
†Framborough H <sup>d</sup>	1003.5	-4	NW	2	b	41	82	5	-	-	-	-	-	*	1004.1	-1	W	3	c	45	87	1	3-4000	St Cu	6	A Cu	2	4
†Felixstowe ...	1007.3	0	NNW	2	b	44	82	5	-	-	-	-	-	2	1001.4	-1	S	2	o	44	92	7	2-3000	St	10	-	-	*
†Cranwell (Lincs)	1005.4	-3	WSW	1	bcw	41	92	5	2-3000	St Cu	3	2 St	1	*	1003.2	-2	SW	3	a	47	75	3	4-5000	St	10	-	-	*
†Bedford ...	1006.8	-1	SW	1	bz	40	82	0	-	-	-	-	-	*	1001.6	-3	SW	3	o	45	87	8	-	St	10	-	-	*
Benson ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1001.6	-3	SW	3	o	45	87	8	-	St	10	-	-	*
London ...	1006.5	0	WSW	1	bc	46	*	*	*	*	*	*	*	*	1001.0	-2	SW	1	ov	45	92	5	-	St Cu	10	-	-	*
(M.O. at Ind)																												
STATIONS CONTRIBUTING REPORTS AT 7H AND 19H.																												
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.							
	m.b.	°F.	Dir.	Force 0-12.		at M.S.L. m.b.	† 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 .... 21 <sup>st</sup> .....														7H. G.M.T. of .... 22 <sup>nd</sup> .....										24 HOURS ENDED 7H. .... 22 <sup>nd</sup> .....				
Lerwick ...	1000.9	44	W	2	ov	991.1	-4	44	-2	S	2	-	ov	2	8	49	41	dp	dp	ov	*							
Stornoway ...	999.9	47	SW	2	o	989.0	-5	44	+1	SW	3	-	o	2	7	51	45	dp	o	ov	2.3							
Castlebay (Barra)	1001.3	48	SW	4	ov	988.6	-4	46	-1	SW	1	-	ov	2	9	50	45	bc	o	ov	2.1							
Glasgow ...	1004.7	47	SW	2	ov	992.7	-5	47	+6	SSW	2	-	o	*	5	55	40	b.c.cu	c.o	ov	7.6							
Malin Head ...	1002.3	50	SW	3	cq	987.7	-6	51	+2	S	4	SW	ov	3	3	51	41	cp	cq	ov	4.3							
Blacksod Point	1004.8	52	SSW	3	op	993.3	-6	54	+9	W	6	-	ov	5	12	55	41	bc	cv	ov	*							
Roche's Point...	1010.3	53	SW	3	o	1002.5	-1	52	+7	W	2	-	o	2	5	54	45	bc.c	c.o	ov	*							
Birr Castle ...	1008.1	51	W	2	o	997.2	*	53	+14	SW	3	-	o	*	4	53	39	c	c.o	ov	3.2							
Donaghadee ...	1007.1	52	SW	2	ov	995.7	-6	47	+1	SW	3	-	ov	2	4	57	45	bcv	cm	ov	*							
Liverpool (Bidston)	1006.6	50	NNW	3	o	997.1	-5	46	-2	S	2	-	ov	2	3	54	43	bc	bc	ov	7.5							
Holyhead ...	1007.9	51	WSW	3	bey	992.7	-1	51	+1	W	4	W	cg	3	4	55	43	cg bc	bc bc	ov	7.9							
Pembroke (St. Ann's Head)	1010.5	51	W	3	bcv	1000.4	-2	54	+7	NNW	2	-	op	4	6	54	42	bcv	bcv	ov	5.5							
Scilly (St. Mary's)	1012.2	51	NW	1	c	1004.4	-4	55	+5	NW	6	NNW	c	5	5	57	50	bc	bc	ov	7.9							
Jersey (St. Aubin)	1010.5	50	NW	4	b	1006.7	-1	52	+1	SW	3	-	op	3	1	59	48	bcv	b	ov	8.3							
Portland Bill ...	1007.7	55	NW	4	bc	1003.5	-3	54	+4	SW	4	-	ov	1	1	58	49	bc	bcv	ov	*							
Dungeness ...	1006.2	53	N	3	b	1004.5	-2	43	+2	NNW	2	-	c	2	-	58	40	cp	c.b	ov	*							
Wick ...	1001.5	46	NW	1	o	990.5	-3	42	-3	WSW	3	-	ov	3	6	50	42	bc	bc	ov	*							
Nairn ...	1001.1	47	NW	1	c	990.9	*	43	-2	NW	1	-	c	1	4	52	41	c.bc	bc.c	ov	3.9							
Leith ...	1003.3	52	W	1	o	992.5	-2	47	+3	SW	1	W	c	1	1	56	43	b.bc.c.b	bc.c.o	ov	*							
Tynemouth ...	1006.0	50	NE	2	bc	995.6	-7	45	+4	SW	3	-	ov	3	1	53	41	bcv	bcv	ov	*							
Spurn Head ...	1005.9	50	NNW	3	bc	999.9	-3	48	0	SW	4	-	ov	5	1	54	43	cg	cg bc	ov	2.6							
Yarmouth (Gorleston)	1004.6	50	N	3	bc	1004.9	-3	44	0	WSW	2	-	c	2	-	56	39	ov bc	bc	ov	5.5							
Clacton-on-Sea	1006.5	51	NNW	2	bc	1004.0	-2	45	+1	W	2	-	ov	2	-	58	40	o.c.bc	bcv	ov	7.1							
Nottingham ...	1006.1	52	W	2	bc	1000.7	*	45	+2	S	1	SW	o	*	-	56	38	b.bc	c.bc	ov	8.1							



SUMMARY OF CONDITIONS AT 7 A.M. Monday, 22nd September, 1919.

GENERAL INFERENCE from observations received up to 10 a.m.

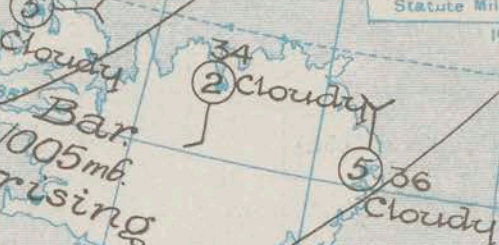
A depression centred off the west of Scotland and a small secondary over the Irish Sea are both <sup>15</sup> likely to move eastward or north-eastward. Rain is therefore probable in all parts of the Kingdom, with winds between southwest and west or northwest and a moderate temperature.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**—  
 ☉ clear sky. ☁ sky  $\frac{1}{2}$  clouded. ☁☁ sky  $\frac{3}{4}$  clouded. ☁☁☁ sky  $\frac{4}{4}$  clouded.  
 ☁☁☁☁ overcast sky. ☁☁☁☁☁ rain falling.  
 \* snow. ☼ hail. ☼ fog. ☼ mist.  
 T thunder. T thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough High


Districts.	Forecasts for the 24 hours commencing 3 p.m. Monday, 22nd September, 1919	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	<p>Wind SW or W, veering towards NW later. Light or moderate, fresh at times locally. Mainly overcast, some rain.</p> <p>Temperature less low than of late.</p>	<p>The general condition of the weather will continue unsettled.</p>
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	<p>Wind S or SW veering to NW, light or moderate. Dull, some rain, moderate temperature.</p>	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	<p>Wind W or NW moderate or fresh, strong locally. Dull, to cloudy, some rain. Moderate temperature.</p>	



5 HIGH 20  
39



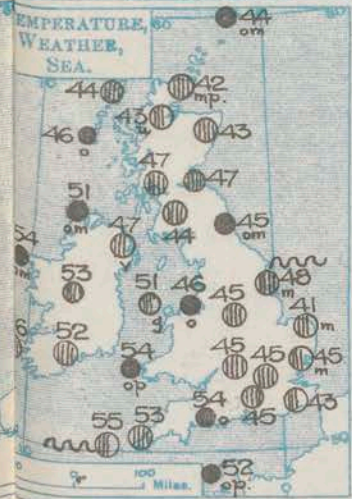
Bar: steady  
41  
28  
Ocas

LOW  Show

falling

generally

H I G H



		Objects not visible beyond	200 metres.	
10	Very Bad	"	"	"
9	Bad	"	"	500 (546 yards)
8	Very Poor	"	"	1,000 (0.6 mile)
7	Poor	"	"	2,000 (1.2 miles)
6	Indist.	"	"	4,000 (2.5 " )
5	Fair	"	"	7,000 (4.3 " )
4	Good, above ord.	"	"	12,000 (7.5 " )
3	Vy. gd., unusual	"	"	20,000 (12.4 " )
2	Except. good	"	"	30,000 (18.6 " )
1	Objects visible beyond	30,000 metres,	(18.6 miles)	



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 265. B

Monday  
22<sup>nd</sup> Sept 1919

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 21 <sup>ST</sup>																			
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 20 <sup>th</sup>	Day. 9h-17h. 21 <sup>st</sup>	to 17h. 21 <sup>st</sup>	Sunrise to Sun- set 21 <sup>st</sup>			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 20 <sup>th</sup>	Day. 9h-17h. 21 <sup>st</sup>	to 17h. 21 <sup>st</sup>	Sunrise to Sun- set 21 <sup>st</sup>
Scotland.	Oban ... ..									England, N.W.	Douglas (I.O.M.)								
	Banff ... ..	bc	bc	52	45	4	-	5.8	0.9		Blackpool ... ..								
	Montrose ... ..										Southport ... ..								
	St. Andrews ... ..																		
England, N.E.	Harrogate ... ..	b	b	55	40	0.2	-	9.2	1.5	Midlands.	Buxton ... ..								
	Skegness ... ..										Leamington Spa... ..	bc	bc	56	39	1	-	7.5	6.5
											Malvern ... ..								
											Ross-on-Wye ... ..	b. bc ov	c. bc c	62	40	*	*	6.5	7.7
England, E.	Felixstowe ... ..	bc	bc	57	39	-	-	6.4	1.0	Wales.	Rhyl ... ..	bc c	bc	54	47	-	-	6.8	5.6
	Walton-on-Naze... ..										Colwyn Bay ... ..	*	*	56	39	-	-	6.3	?
	Southend-on-Sea... ..	b. bc	b. bc c	58	40	-	-	4.7	8.7		Llandudno ... ..	bc	bc	54	47	-	1	6.5	?
											Aberystwyth ... ..								
England, S.E.	Margate ... ..									England, S.W.	Weymouth ... ..								
	Ramsgate ... ..	*	*	56	38	8	5	4.7	11.0		Teignmouth ... ..								
	Folkestone ... ..	bc c	bc b bc	57	41	-	-	5.5	9.8		Torquay ... ..	b	bc	58	54	1	-	8.3	?
	Hastings ... ..	bc	b	58	40	-	-	6.7	11.1		Paignton ... ..	b	bc	59	40	1	-	7.6	?
	Eastbourne ... ..	o. c	bc	60	42	-	-	7.5	10.4		Penzance ... ..	bc c	bc c	57	48	2	-	7.7	?
	Brighton ... ..	o. bc. b	b	60	40	-	-	7.6	?		Newquay ... ..	b	b	55	47	1	-	7.6	?
	Worthing ... ..	bc	bc	58	40	-	-	8.6	7.5		Bude ... ..								
	Littlehampton ... ..	bc	bc	58	45	-	-	9.3	6.0		Hfracombe ... ..								
	Bournemouth ... ..	*	*	59	41	-	-	9.5	7.0		Weston-s-Mare ... ..								
	Tunbridge Wells ... ..	c. bc. b	c. bc. b	57	37	-	-	6.3	9.5										

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>i.e.</i> , 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.		
		WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	RAINFALL.		Sun. Hours.			
		7h-12h 21 <sup>st</sup>	12h-18h 21 <sup>st</sup>	18h 21 <sup>st</sup> -1h 22 <sup>nd</sup>	1h-7h 22 <sup>nd</sup>				Day. 7h-18h	Night. 18h-7h				
†Houton Bay (Orkney)...	q/p	bc	bc	bc	53	39	36	-	4	7.9	0	Less than 1	Less than 0.3	
Esksdalemuir ... ..	bc	bc	bc	bc	54	44	*	*	*	*	1	1-8	0.3-1.5	
†Stranraer ... ..	bc	bc	bc	bc	51	38	*	*	*	*	2	4-7	1.6-3.3	
†Lough Foyle ... ..	cp	bc	bc	bc	56	44	49	-	6	2.5	3	8-12	5.4-5.4	
Valencia (Cahirciveen) ...	bc	bc	bc	bc	56	44	49	-	6	2.5	4	13-18	5.5-7.9	
†Anglesey (Llangefni) ...	bc	bc	bc	bc	54	43	*	*	*	*	5	19-24	8.0-10.7	
Falmouth ... ..	bc	bc	bc	bc	59	46	41	-	6	8.5	6	25-31	10.8-13.8	
†Calshot (Hants) ... ..	bc	bc	bc	bc	59	40	*	*	*	*	7	32-38	13.9-17.1	
†Capel (Folkestone)...	bc	bc	bc	bc	56	38	*	*	*	*	8	39-46	17.2-20.7	
Aberdeen ... ..	bc	bc	bc	bc	52	43	41	1	5	8.4	9	47-54	20.8-24.4	
†East Fortune ... ..	bc	bc	bc	bc	56	43	*	*	*	*	10	55-63	24.5-28.4	
†Flamborough Head...	bc	bc	bc	bc	53	34	*	*	*	*	11	64-75	28.5-33.5	
†Felixstowe ... ..	bc	bc	bc	bc	57	41	*	*	*	*	12	Above 75	33.6 or above	
†Cranwell (Lines) ... ..	bc	bc	bc	bc	54	37	*	*	*	*				
†Bedford ... ..	bc	bc	bc	bc	57	38	*	*	*	*				
Benson ... ..	bc	bc	bc	bc	56	34	32	-	-	*				
London (Kew Obs.) ... ..	bc	bc	bc	bc	56	42	30	0.1	-	7.7				

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).		TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
STATIONS.		WEATHER.		Max. Temp. °F.		Min. Temp. °F.		Rain-fall. mm.		Sun-shine to Sunset. Hours.		Humidity %		Stations.	
		Morning	Afternoon.	Night.	°F.	°F.	°F.	mm.	mm.	YESTERDAY.	TO-DAY.	15 h. G.M.T.	9 h. G.M.T.	G.M.T.	G.M.T.
24 HOURS ENDED 9h G.M.T. 22 <sup>nd</sup>															
Greenwich (Royal Observatory)	c	c	mc. b. o	58	37	24	-	7.1	52	67					
City (Bunhill Row) ... ..	*	*	*	*	*	*	*	6.9	*	*					
Westminster (St. James's Park)	*	*	*	*	*	*	*	7.7	48	69					
Admiralty Arch	bc	bc	bc	59	44	*	-	7.3	53	71					
Camden Sq. (British Rainfall)	*	*	*	60	41	38	-	6.6	-	69					
Kensington Palace ... ..	op. bc	bc. c. bc	*	58	42	33	-	*	72 (48%)	71					
Vertical Component of Solar Radiation per Square Centimetre during yesterday.												Total ... 11.19 ... Joules.			
Average Rate. 25.4												Maximum Rate. 66			
Milliwatts.															

## NOTES ON THE WEATHER OF YESTERDAY.

Temperature remained below 60° generally, and below 55° at several stations in the north. Rain fell over the greater part of the Kingdom, but there was little or none in the SE of England. The largest measurement was 12mm at Boksod Point. The bright sun shine records were 6.9 or high generally, but less than 3 hours in the Hebrides and only 0.6 at Spurn Head.

† Air Ministry Station.

\* Information for these columns not usually received.





METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.

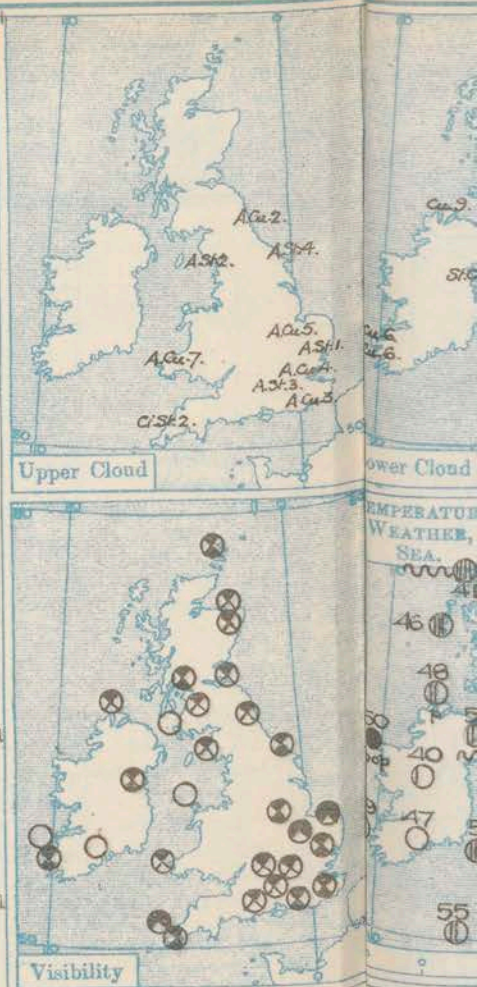
No 21, 124B ... TUESDAY, 23<sup>rd</sup> SEPTEMBER 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 13h AND 18h.																																							
STATIONS.	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. m.b.	Change in 3 hours.	Dir.	Force 0-12.		°F.	%	0-10.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.	at M.S.L. m.b.	Change in 3 hours.	Dir.	Force 0-12.		°F.	%	0-10.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.											
13h. G.M.T. 22 <sup>nd</sup>															18h. G.M.T. OF 22 <sup>nd</sup>																								
†Houton B.(Orkney)	988.9	-1	NNE	2	r	45	87	5	1-1500	Nb	10	-	-	3	987.8	-2	NNW	2	o	42	92	5	1-2000	St Cu	10	-	-	3											
Eskdalemuir ...	987.6	6	SW	6	o	51	92	6	1-2000	Nb	7	ast	3	*	990.1	+3	WNW	4	b	44	75	8	-	-	-	-	*												
†Stranraer ...	990.2	0	NW	4	r	51	92	5	1-2000	St	10	-	-	*	992.0	+2	NW	1	c	48	98	8	3-4000	St	6	ast	3	*											
†Lough Foyle ...	991.7	+5	NW	5	c	49	92	8	2-3000	Cu	7	-	-	+	993.4	+2	NW	4	o	48	75	8	2-3000	Cu	6	ast	3	3											
Valencia (Cahire'n)	999.4	-3	WSW	5	od	58	87	6	1-1500	St	9	ast	1	5	994.2	-6	SW	4	op	56	92	5	1-1000	St	10	-	-	4											
†Anglesey (Llangefnall)	994.7	-4	SW	4	r	54	98	5	4500	Nb	10	-	-	6	993.6	0	WSW	1	r	52	92	5	1-1500	St	10	-	-	5											
Falmouth ...	1003.4	-1	WSW	5	cq	61	65	8	-	Cu	5	ast	1	*	1001.1	-2	WSW	5	cqm	58	65	6	-	St Cu	6	ast	2	*											
†Calshot (Hants) ...	1000.6	-4	WSW	3	o	59	87	7	3-4000	St Cu	10	-	-	+	999.8	-1	WSW	2	o	58	87	5	3-4000	St	10	-	-	4											
†Capel (Folkestone)	1003.0	-2	SSW	4	d	54	87	8	1-1500	Nb	10	-	-	4	999.6	-2	SSW	7	r	55	98	6	1-1000	Cu Nb	10	-	-	6											
Aberdeen ...	985.4	-8	SSE	3	ogmr	48	92	6	-	Nb	10	-	-	3	983.8	+8	WNW	6	cq	41	98	6	-	Nb	7	-	-	4											
†East Fortune ...	985.1	-10	SSW	3	o	55	82	6	2-3000	St Cu	8	ast	2	*	987.8	+4	WNW	4	bd	49	75	7	3-4000	Cu Nb	5	-	-	*											
†Flamborough Hd.	994.4	-6	SSW	4	o	51	87	5	1-2000	St	5	ast	4	*	991.0	0	SW	3	r	54	82	5	2-3000	St	10	-	-	*											
†Felixstowe ...	1001.8	-3	W	3	o	56	75	3	2-3000	St	10	-	-	4	998.4	-4	W	3	o	56	92	3	2-3000	St Cu	10	-	-	3											
†Cranwell (Lincs)	997.6	-4	S	3	o	54	87	7	2-3000	St	5	ast	4	*	993.7	-2	SSW	2	ot	54	98	4	2-3000	Nb	10	-	-	*											
†Bedford ...	999.7	-2	SSW	3	om	53	87	1	4-5000	St	16	-	-	*	996.8	-2	SW	3	og	56	75	3	3-4000	St	10	-	-	*											
Benson ...	998.9	-4	SSW	2	o	54	98	8	-	-	-	-	-	*	999.7	-2	SSW	3	o	56	87	8	-	St	10	-	-	*											
London (Kew Ob.)	999.9	-3	SW	3	ot	56	82	5	-	St Cu	9	ast	4	*	998.0	-1	WSW	3	o	58	75	7	-	St Cu	7	ast	3	*											
1h. G.M.T. OF 23 <sup>rd</sup>															7h. G.M.T. OF 23 <sup>rd</sup>																								
†Houton B.(Orkney)	992.9	+1	W	3	bw	40	87	8	-	-	-	-	-	*	990.6	+7	N	9	og	40	92	5	1-2000	St Cu	9	-	-	4											
Eskdalemuir ...	992.2	+1	-	0	?	?	98	-	4500	St	3	-	-	*	997.0	+5	N	2	bx	40	75	7	1-1500	Cu Nb	10	-	-	*											
†Stranraer ...	993.2	+1	-	0	?	?	98	-	4500	St	3	-	-	*	999.1	+2	N	4	b	46	92	8	1-2000	St Cu	2	-	-	*											
†Lough Foyle ...	996.0	+5	WNW	4	o	59	*	*	*	*	*	*	*	6	1001.7	+2	N	7	og	45	98	7	2-3000	Cu	9	-	-	3											
Valencia (Cahire'n)	996.0	+5	WNW	4	o	59	*	*	*	*	*	*	*	6	1002.6	+6	N	3	bc	48	75	10	2-3000	Cu	6	-	-	3											
†Anglesey (Llangefnall)	987.0	0	NE	1	ot	47	98	-	1-1500	Nb	10	-	-	5	996.4	+5	?	?	o	47	87	8	1-1500	Cu Nb	10	-	-	5											
Falmouth ...	996.1	-5	SW	5	r	56	87	5	-	Nb	10	-	-	*	996.4	+1	WSW	2	o	55	92	5	-	St	9	-	-	*											
†Calshot (Hants) ...	998.4	-1	S	4	o	59	87	6	2-3000	St	10	-	-	5	996.2	0	SSW	4	r	59	87	6	4500	Nb	10	-	-	4											
†Capel (Folkestone)	998.9	-2	SW	5	d	56	92	7	1-1500	St	6	-	-	5	997.5	0	WSW	4	r	52	98	5	1-1000	Nb	10	-	-	4											
§Aberdeen ...	986.6	+1	WNW	6	v	42	92	5	1-2000	St Cu	4	Cu	2	*	993.3	+6	WNW	5	bc	43	87	7	-	Nb	4	-	-	4											
†East Fortune ...	991.9	+3	WSW	1	b	42	82	-	-	-	-	-	-	*	995.6	+2	WSW	3	b	41	87	6	3-4000	St Cu	2	-	-	*											
†Flamborough Hd.	993.1	+1	W	1	r	46	87	7	-	Nb	10	-	-	*	994.6	+2	SW	2	bc	44	82	5	-	-	A St	4	*												
†Felixstowe ...	997.5	-1	W	3	o	57	92	4	-	St	10	-	-	5	996.2	0	WSW	5	o	56	92	5	2-3000	St Cu	8	A St	1	5											
†Cranwell (Lincs)	993.2	0	-	0	r	49	98	4	1-1500	Nb	10	-	-	*	999.8	+4	N	2	r	45	92	5	1-2000	Nb	10	-	-	*											
†Bedford ...	996.7	-2	SW	2	od	57	92	-	1-2000	St	10	-	-	*	994.8	0	WSW	2	3	54	92	3	2-3000	St	5	A Cu	5	*											
Benson ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	994.3	+2	SW	2	o	53	98	7	-	Cu	10	-	-	*											
London ...	996.7	-1	SW	3	o	57	*	*	*	*	*	*	*	*	995.5	+2	SW	2	3	55	92	6	-	St Cu	4	A Cu	4	*											
STATIONS CONTRIBUTING REPORTS AT 7h AND 18h.																																							
STATIONS.	BAROM.	TEMP.	WIND.		WEATHER.	BAROMETER.		TEMPERATURE.		WIND.		Dir.	Force 0-12.	Dir.	Force 0-12.	Weather.	Sea.	TEMP.		WEATHER.			Sunshine																
	at M.S.L. m.b.	°F.	Dir.	Force 0-12.		at M.S.L. m.b.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.							Max. °F.	Min. °F.	Morning.	Afternoon.	Night.		Hours															
18h. 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 ...	988.1	48	NNE	2	om	985.3	+4	47	+3	N	5	-	omdg	4	11	52	43	omcl	bcn	omrg	*	*	*																
Stornoway ...	988.2	47	NW	2	o	999.3	+4	41	-3	N	6	-	o	5	2	51	41	c	c	c op	4.9	*																	
Castlebay (Barra Is)	991.3	50	WNW	4	bc	1000.9	+4	46	0	N	4	N	c	3	9	52	44	r.o. bc	bc p. bc	bc. b	5.4	*																	
Glasgow ...	989.8	47	WNW	4	b	997.9	+5	40	-7	WNW	3	N	b	*	2	51	38	omrcq	c. bcq. v	bc. b. x	3.7	*																	
Malin Head ...	991.8	50	NW	4	bc	999.2	+3	48	-3	NW	4	NW	bc p	3	1	42	45	cp	cp	bc p	4.5	*																	
Blacksod Point	993.1	51	N	2	bc	1001.7	+4	50	-4	N	3	N	bc p	3	5	56	47	omr	omr	cm. bop	*	*																	
Roche's Point...	995.8	58	WSW	4	r	1000.7	+9	47	-5	NNW	3	-	b	2	2	60	46	o	op	op. a. b	*	*																	
Birr Castle ...	992.4	51	SW	1	r	1001.5	*	40	-13	NW	1	W	b	*	20	56	39	or	or	orh	0.0	*																	
Donaghadee ...	992.5	50	WSW	3	bcv	995.6	+6	59	+3	NNE	5	-	bcn	5	3	54	43	omr	bcn	bcn	*	*																	
Liverpool (Bidston)	992.9	50	WNW	3	r	995.4	+3	47	+1	NNW	1	-	o	1	12	57	44	or	or	gr. o	0.5	*																	
Holyhead ...	992.7	53	WSW	4	og	896.8	+3	51	0	N	6	N	c	4	12	56	48	o	ogr	om. o	0.0	*																	
Pembroke (St. Ann's Head)	997.1	57	SW	5	og	997.5	+6	50	-4	N	3	NW	c	4	8	58	49	og	og	og. o	0.5	*																	
Seilly (St. Mary's)	1002.4	58	W	5	cm	997.1	-1	55	0	WNW	3	W	bc	4	1	64	54	c	cm	cp. bc	4.4	*																	
Jersey (St. Aubin)	1004.3	58	W	5	o	999.4	0	60	+8	WSW	5	-	o	3	2	61	52	op. or	or. b. o	b. o	1.3	*																	
Portland Bill ...	998.5	59	WSW	6	og	995.6	-2	58	+4	WSW	7	-	c	6	3	62	49	c. bc	bc. og	roq. c	*	*																	
Dungeness ...	999.1	58	SW	6	bcq	996.5	+2	58	+18	SW	5	SW	c	5	5	60	43	cq	crq. c	cp. q. c	*	*																	
Wick ...</																																							



# SUMMARY OF CONDITIONS AT 7 A.M. Tuesday, 23rd September, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	S-SW. 10-20	Moderate	Cloudy or dull, local rain.	Ord.	R. rough
2. E. England	SW. 2-20	"	" " " "	Mod.	Mod.
3. E. Midlands	Var. 2-5	Cool	" " " "	R. poor	-
4. W. Midlands	Var. 2-5	"	" " " "	"	"
5. S.W. England	SW-NW. 5-20	Moderate	Fine to dull.	Mod.	R. rough
6. South Wales	NW-N. 10-15	R. cool	Cloudy.	Fair	Mod.
7. North Wales	N. 25-30	"	Cloudy or dull.	Good	"
8. N.W. England	NW-N. 2-5	Cool	Fine to dull.	"	"
9. N. Midlands	NW-N. 2-5	"	Fine to dull.	Ord.	-
10. N.E. England	N-NW. 4-7	"	Fine in north, rain in south of area.	"	Slight
11. E. Scotland	W-N. 5-25	"	Fine to cloudy.	Good	Mod.
12. S.W. Scotland	W-N. 5-20	"	Fine	"	"
13. Isle of Man	N. 10-25	"	Fine or cloudy.	"	"
14. N. & N.W. Scotland	NW-N. 20-30	"	Dull, squally, local rain.	Ord.	R. rough
15. Hebrides	N. 15-30	"	Cloudy or dull.	"	"
16. Orkneys and Shetlands	N. 20-25	"	Rain or drizzle, squally.	Poor	Rough
17. N.W. Ireland	NW-N. 13-18	"	Showery or rainy.	Ord.	Slight
18. N.E. Ireland	NNW-NNE. 15-25	"	Fair, some cloud and mist.	Poor	R. rough
19. S.E. Ireland	SW-W. 2-7	"	Fine	Fair	Slight
20. S.W. Ireland	N-NW. 8-12	"	Fine to cloudy.	Good	"



## GENERAL INFERENCE from observations received up to 10 a.m.

As the depression now over the northern part of the North Sea and another over the English Midlands pass away the general character of the weather will improve for a time, with a fall of temperature over Southern England.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**  
 ○ clear sky. ○ sky + clouded.  
 ⊙ sky + clouded. ⊙ sky + clouded.  
 ⊕ overcast sky. ⊕ rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist.  
 T thunder. R thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough ~~~~~ High ~~~~~

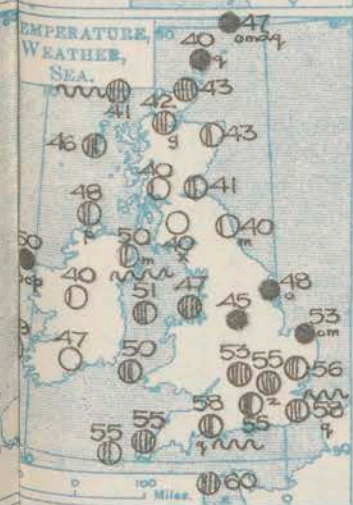
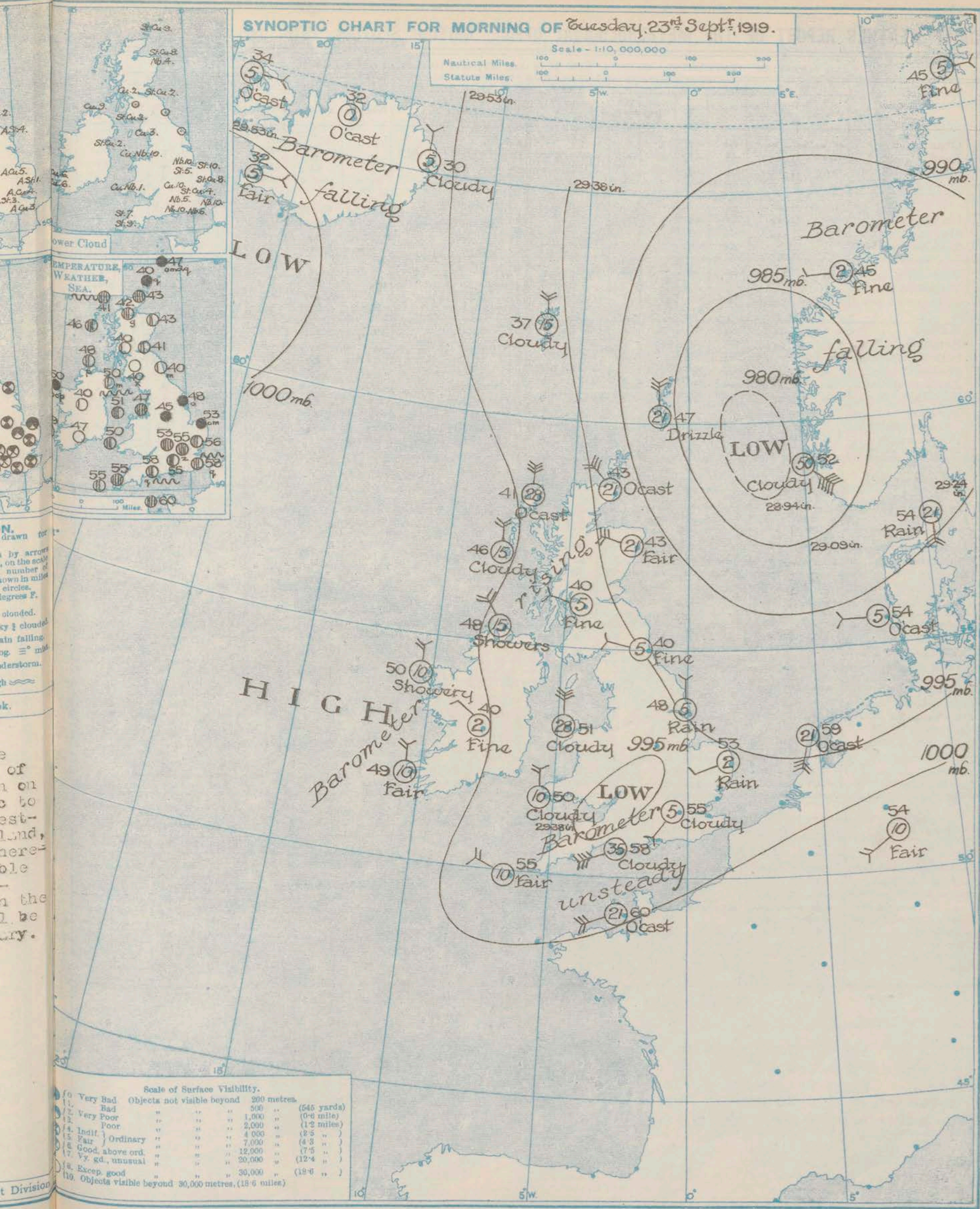
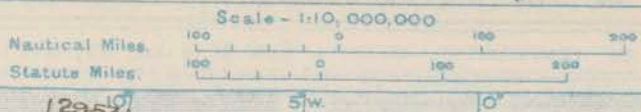
Districts.	Forecasts for the 24 hours commencing 3 p.m. Tuesday, 23rd September, 1919
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England	Wind mainly between W. and N, light or moderate. Sky variable, some local showers. Moderate or rather low temperature.
6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind between NW. and N. light or moderate. Cloudy to fair generally, local showers. Rather cold.
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind Nly. moderate, backing later to W. or SW.  Some showers, but mainly cloudy to fair.  Rather cold, then becoming milder.

## Further Outlook.

There are already some indications of a depression on the Atlantic to the south-westward of Iceland, and it is, therefore, probable that any improvement in the weather will be very temporary.



# SYNOPTIC CHART FOR MORNING OF Tuesday, 23<sup>rd</sup> Sept., 1919.



Scale of Surface Visibility.

Number	Description	Objects not visible beyond	Metres	(Yards)
1	Very Bad	Objects not visible beyond	200	200
2	Bad	"	500	545
3	Very Poor	"	1,000	1,090
4	Poor	"	2,000	2,180
5	Indist.	"	4,000	4,370
6	Fair	"	7,000	7,660
7	Good, above ord.	"	12,000	13,120
8	Vy. gd., unusual	"	20,000	21,870
9	Except good	"	30,000	32,800
10	Objects visible beyond	30,000 metres, (31.8 miles)		



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 266B

Tuesday  
23<sup>rd</sup> September.

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 <sup>st</sup>	Day. 9h-17h. 22 <sup>nd</sup>	to 17h. 22 <sup>nd</sup>	Sunrise to 21 <sup>st</sup> 21 <sup>st</sup>			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 21 <sup>st</sup>	Day. 9h-17h. 22 <sup>nd</sup>	to 17h. 22 <sup>nd</sup>	Sunrise to 21 <sup>st</sup> 21 <sup>st</sup>
Scotland.	Oban ...	or.bc.bc	bc	54	42	6	1	1.8	-	England, N.W.	Douglas (I.O.M.)	-	-	55	45	4	7	0.2	-
	Banff ...	or	or	49	42	3	21	0.0	0.8		Blackpool ...	c.	or	57	45	5	4	0.2	-
	Montrose ...	or.q.	rq.c.	56	42	3	7	1.1	-		Southport ...	or.o.	or.o.	55	45	3	3	0.0	-
	St. Andrews ...	-	-	55	42	1	2	2.7	-										
England, N.E.	Harrogate ...	op.	op	54	41	1	2	0.0	9.4	Midlands.	Buxton ...	ry.b.bc	c.c.r.o.	52	37	4	0.1	0.0	-
	Skegness ...	o	o	56	38	-	-	0.0	-		Leamington Spa...	c.c.b.	bc.o	60	41	-	-	1.1	7.5
	Scarborough ...	-	-	58	47	-	-	1.5	-		Malvern ...	-	-	-	-	-	-	-	-
											Ross-on-Wye ...	g.o.bc.o	sm.od	61	41	1	0.2	0.7	6.8
England, E.	Felixstowe ...	bc.	bc.opr.	58	39	-	2	2.3	6.6	Wales.	Rhyl ...	r.c.	or.	57	44	4	3	0.2	7.2
	Walton-on-Naze...	-	-	-	-	-	-	-	-		Colwyn Bay ...	-	-	61	47	1	1	0.6	6.3
	Southend-on-Sea...	bc.b.p.o	p.op.o.	58	43	-	1	1.2	4.7		Llandudno ...	o	or.	57	48	32	5	0.0	6.6
											Aberystwyth ...	r.o.c.	c.o.	58	47	8	8	0.5	-
England, S.E.	Margate ...	b.bc.c	op.p.	57	43	-	1	1.7	-	England, S.W.	Weymouth ...	or.op.c	c	64	46	1	1	1.7	-
	Ramsgate ...	o	o	61	39	-	0.1	1.8	4.7		Teignmouth ...	or.o.c	bc.c	63	44	1	0.4	0.9	-
	Folkestone ...	bc.c.or	or.q.g.	57	44	-	0.4	1.7	5.7		Torquay ...	c.c.b.p	c	61	45	1	0.2	1.4	8.6
	Hastings ...	o.	or.	57	44	-	2	0.0	7.3		Paignton ...	or.	bc.p.cq	62	41	1	trace	0.6	-
	Eastbourne ...	o.	or.o.c	58	41	-	3	0.1	7.8		Penzance ...	c.bc	bc.c	64	47	7	-	3.5	7.7
	Brighton ...	or.	or	59	42	-	3	1.1	7.6		Newquay ...	-	-	61	47	4	-	3.0	7.6
	Worthing ...	or.	bc.c	59	41	-	1	1.4	9.4		Bude ...	or.q.cd	or.cq	60	47	1	-	1.2	-
	Littlehampton ...	-	-	61	42	-	3	1.9	10.1		Ilfracombe ...	op.	op.q.	59	48	1	0.4	0.0	-
	Bournemouth ...	-	-	63	42	-	1	1.4	9.8		Weston-s-Mare ...	r.c.bc	bc.or	61	44	-	0.1	0.8	-
	Tonbridge Wells ...	o	or.bc.c	58	37	-	1	0.9	6.3										

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.		THE BEAUFORT SCALE OF WIND FORCE.		
		WEATHER				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	RAINFALL.		Sun. Hours.			Limits of Velocity.		
		7h-13h	13h-18h	18h-24h	1h-7h				Day. 7h-13h	Night. 13h-7h				No.	Statute miles per hour.	Metres per second.
†Houton Bay (Orkney)...	p.c.o	q.r	↖ d	46	40	*	*	*	*	*	0	Less than 1	Less than 0.3			
Eskdalemuir ...	o.or.o	or.m.c.g.b	c.w.bc.w	51	30	2.5	7	7	2.1	*	1	1-3	0.3-1.5			
†Stranraer ...	c.or	c.o.v.	c.o.c.o	55	32	*	*	*	*	*	2	4-7	1.3-3.3			
†Lough Foyle ...	p.o	c.o.v.	bc.c	53	45	*	*	*	*	*	3	8-12	3.4-5.4			
Valencia (Cahirciveen) ...	od.o	od.p.	op.c.p.bc	58	48	4.4	3	2	0.0	*	4	13-18	5.5-7.9			
†Anglesey (Llangefni) ...	r.q	r.q	or.o	55	43	*	*	*	*	*	5	19-24	8.0-10.7			
Falmouth ...	o.c	or.q.p.q	c.or.q	62	46	5.2	-	1	3.9	*	6	25-31	10.8-13.8			
†Calshot (Hants) ...	v.r.	c.o	r.	63	43	*	*	*	*	*	7	32-38	13.9-17.1			
†Capel (Folkestone)...	v.p.o	v.r.	p.o.o	57	44	*	*	*	*	*	8	39-46	17.2-20.7			
Aberdeen ...	omg.r	cpq.bc	cpq.bc	54	39	3.5	17	1	0.8	*	9	47-54	20.8-24.4			
†East Fortune ...	p.q	bc.c	b	55	37	*	*	*	*	*	10	55-63	24.5-28.4			
†Flemborough Head.	q.p.o	omg	r.g	55	38	*	*	*	*	*	11	64-75	28.5-33.5			
†Felixstowe ...	cp.o	v.r.	q.r	60	39	*	*	*	*	*	12	Above 75	33.6 or above			
†Cranwell (Lincs) ...	rc.	c.or	omr.	57	43	*	*	*	*	*	Suffices 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 2=heavy. Underlining is used to express continuity.					
†Bedford ...	omg	omg	c.o.om	58	43	*	*	*	*	*						
Benson ...	o.	o.bc.c	or	60	45	5.0	1	3	*	*						
London (Kew Obsy.) ...	o.or.	o	aq.on.cd.c	59	45	5.1	0.1	3	0.1	*						
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.	9 h.					
									G.M.T.	G.M.T.					
24 HOURS ENDED 9h G.M.T. ... 23 <sup>rd</sup>									YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	... 23 <sup>rd</sup> & 24 <sup>th</sup> September 1919.			
												Stations.	Sunrise.	Noon.	Sunset.
Greenwich (Royal Observatory)	op	op	op.or.op	59	51	50	5	0.1	91	86		Yarmouth ... { Greenwich { Wick ... { Valencia ... {	G.M.T.	G.M.T.	G.M.T.
City (Bunhill Row) ... ..	*	*	*	*	*	*	*	0.1	91	*			5.41	11.45	5.4
Westminster (St. James's Park)	*	*	*	60	51	52	3	0.2	88	82			5.43	11.45	5.4
Admiralty Arch	bc.m.o	b.op.c	bc.p.op.or.g.	59	51	*	4	0.1	93	88	5.48		11.52	5.5	
Camden Sq. (British Rainfall)	c.op	c.or.o	*	59	51	46	4	0.1	97	83	5.50	11.52	5.5		
Kensington Palace ... ..	o	o.op	*	59	51	53	4	*	78 (8h)	86	5.59	12.4	6.1		
											Total, ..... 522 ..... Joules.	Average Rate. 11.9 Maximum Rate. 34.	6.1	12.4	6.1
											Milliwatts.		6.29	12.33	6.3
													6.31	12.33	6.3

## NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose to 60° or higher in various parts of England but remained below 50° in the north of Scotland.  
Rain fell very generally, the largest measurements being 18 mm. at Aberdeen and 20 mm. at Birr Castle. At Nottingham, Liverpool and Holyhead the value was 12 mm. Bright sunshine was more prevalent in the north and extreme south-west than elsewhere. Over a large area in England and Ireland there was none.





METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.

No. 1258 WEDNESDAY, 24<sup>TH</sup> SEPTEMBER 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 12h AND 18h.																													
STATIONS	BAROM. at M.S.L. m.b.	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. m.b.	Change in 3 hours.	WIND.		Weather	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud		Upper Cloud		Sea 0-9.	
			Force 0-12.	Dir.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Force 0-12.	Dir.						Form.	Amt. 0-10.				
			13h. G.M.T.	18h. G.M.T. OF																									
†Houton B. (Orkney)	995.9	+5	NNW	7	ca	41	87	6	2-3000	Cu	6	ca	2	6	999.1	+3	NW	3	q	40	65	8	3-4000	Cu	4	ca	3	5	
Eskdalemuir	1000.6	+3	NNW	2	bc	48	65	6	5-6000	Cu	4	-	-	*	1004.3	+4	NW	3	c	42	75	7	-	-	-	ca	8	*	
†Stranraer	1002.3	+1	NW	2	c	51	87	8	2-3000	St	4	ca	3	*	1005.3	+5	NNW	1	c	47	98	8	2-3000	St	5	ca	2	*	
†Lough Foyle	1004.0	+2	N	8	o	49	75	7	3-4000	Cu	5	a	4	3	1005.3	+1	NW	2	o	47	98	8	2-3000	St	7	a	3	2	
Valencia (Cahire'n)	1008.2	+5	NNW	4	c	56	65	10	3-4000	Cu	6	a	1	3	1010.2	+3	NNE	2	c	51	82	10	3-4000	Cu	1	a	6	3	
†Anglesey (Llangefni)	1003.0	+4	NNE	3	c	55	65	7	3-4000	Cu	7	a	1	3	1006.1	+2	NNE	1	o	50	75	6	2-3000	St	9	-	-	3	
Falmouth	1001.5	+4	N	5	bc	60	55	8	-	-	-	a	3	*	1005.5	+5	N	4	b	54	65	8	-	St	1	a	1	*	
†Calshot (Hants)	999.5	+1	SW	2	Thog	65	75	6	1-1500	Nb	4	a	4	4	1004.0	+3	-	o	b	55	87	5	2-3000	Cu	2	-	-	4	
†Capel (Folkestone)	999.7	o	SW	5	do	57	98	6	2-3000	Cu	10	-	-	5	1003.5	+6	N	2	d	58	98	3	-	Cu	10	-	-	3	
Aberdeen	998.2	+6	WNW	8	bc	46	65	8	-	Cu	5	-	-	4	1002.2	+4	WNW	3	c	43	75	7	-	Cu	2	7	5	3	
†East Fortune	1000.1	+4	NNW	2	c	51	65	7	3-4000	St	7	-	-	*	1002.9	+4	-	o	c	47	75	5	4-5000	St	4	a	4	*	
†Flamborough	1000.1	+7	NNW	3	c	53	55	7	3-4000	Cu	4	a	2	*	1003.2	+3	N	2	o	47	75	8	3-4000	St	7	a	2	*	
†Felixstowe	999.5	+3	NNW	2	o	51	92	4	1-1500	St	9	a	1	3	1004.7	+6	N	1	o	51	92	3	5-6000	St	8	a	2	4	
†Cranwell (Lines)	1000.6	+5	NNW	1	bc	54	65	7	2-3000	St	2	a	3	*	1004.2	+4	-	o	o	48	92	7	2-3000	St	5	a	4	*	
†Bedford	1000.6	-4	NNE	3	om	52	75	3	4-5000	St	10	-	-	*	1004.7	+4	ENE	1	om	48	75	3	3-4000	St	7	a	3	*	
Benson	998.9	-4	SSW	2	o	54	98	8	-	-	-	-	-	*	1004.1	+4	-	o	b	49	92	7	-	-	-	-	-	*	
London (Kew Obs.)	999.5	+5	N	2	o	55	82	5	-	St	8	a	2	*	1003.0	o	N	1	om	53	75	5	-	St	6	a	3	*	
1h. G.M.T. OF 24 <sup>TH</sup>															7h. G.M.T. OF 24 <sup>TH</sup>														
†Houton B. (Orkney)	999.9	-1	SSW	3	c	40	92	6	1-2000	St	8	-	-	4	991.2	-9	S	8	q	42	98	2	<500	Nb	10	-	-	6	
Eskdalemuir	1006.9	+1	SSE	1	cx	34	87	6	-	-	-	a	8	*	1003.5	-3	SW	5	q	43	82	7	-	St	4	a	6	*	
†Stranraer	1006.6	+1	-	o	b	43	98	-	3-4000	St	3	-	-	*	991.8	-3	SSW	5	q	50	98	4	1-2000	St	10	-	-	*	
†Lough Foyle	1007.8	o	WSW	2	bc	49	*	*	*	*	*	*	*	4	998.5	-2	SSW	8	q	48	98	5	1-1000	Nb	10	-	-	*	
Valencia (Cahire'n)	1007.8	o	WSW	2	bc	49	*	*	*	*	*	*	*	4	1009.4	o	SW	4	o	56	92	6	1-1000	St	10	-	-	4	
†Anglesey (Llangefni)	1002.9	+2	-	o	bc	42	92	-	1-1500	St	6	-	-	3	998.3	o	NNW	4	c	49	75	8	2-3000	St	4	a	4	4	
Falmouth	1011.3	+5	N	2	b	44	82	5	-	-	-	-	-	*	1013.7	+4	N	1	cv	45	87	8	-	-	-	-	-	*	
†Calshot (Hants)	1008.8	+4	NNE	1	b	49	92	6	-	-	-	-	-	4	1011.6	+3	NW	2	o	43	92	3	-	-	-	-	-	3	
†Capel (Folkestone)	1008.2	+3	SSE	3	o	50	92	7	3-4000	St	10	-	-	3	1011.0	+3	NW	3	o	48	92	7	2-3000	St	10	-	-	3	
Aberdeen	1001.9	+1	SW	2	b	37	55	6	2-3000	St	2	-	-	*	998.6	-6	SW	3	orm	43	92	4	-	Nb	10	-	-	2	
†East Fortune	1005.3	+2	SW	1	bc	42	82	-	4-5000	St	4	-	-	*	1001.0	-4	SSW	4	o	47	75	5	3-4000	St	9	-	-	*	
†Flamborough	1000.8	o	-	o	c	44	82	8	3-4000	St	5	a	2	*	1007.9	+2	SW	2	om	42	87	4	2-3000	St	10	-	-	*	
†Felixstowe	1009.1	+3	N	1	cy	44	98	?	-	-	-	-	-	9	1011.2	+2	N	2	3	45	87	4	-	St	1	a	7	3	
†Cranwell (Lines)	1008.4	+4	SW	1	bcw	42	98	4	2-3000	St	3	a	2	*	1009.8	+2	SW	1	bc	41	92	6	2-3000	St	1	a	4	3	
†Bedford	1008.9	+3	SW	1	bcw	41	92	3	3-4000	St	5	-	-	*	1010.9	+3	SW	2	w	42	92	7	4-5000	F	5	-	-	*	
Benson	1009.0	+3	W	1	b	46	*	*	*	*	*	*	*	*	1011.1	+3	-	o	bc	37	98	6	-	-	-	-	-	4	*
London (Kew Obs.)	1009.0	+3	W	1	b	46	*	*	*	*	*	*	*	*	1011.4	+4	SW	1	bcw	40	98	0	-	-	-	-	-	5	*
STATIONS CONTRIBUTING REPORTS AT 7h AND 18h.																													
STATIONS.	BAROM. at M.S.L. m. b.	TEMP. °F.	WIND.		Weather	BAROMETER. at M.S.L. m. b.	TEMP. °F.	Change in 3 hours.	TEMP. °F.	Change in 24 hours.	WIND.		Weather.	Sea 0-9.	Rainfall mm.	TEMP.			WEATHER.			Sunshine Hours.							
			Force 0-12.	Dir.							Force 0-12.	Dir.				Max. °F.	Min. °F.	Morning.	Afternoon.	Night.									
			18h. G.M.T. OF	7h. G.M.T. OF							24 HOURS ENDED 7h.																		
Lerwick	996.4	42	NW	6	ompy	993.8	-6	47	0	S	5	-	cm	4	1	50	39	ompy	ompy	cm	4	4	4						
Stornoway	1002.5	44	NW	3	c	990.1	-4	51	+10	W	6	-	o	5	5	51	41	op. c	c	op. c	4	4	4						
Castlebay (Barras)	1004.5	47	W	3	o	994.2	-1	53	+7	WNW	5	-	od	5	54	43	c. op. o	o. c. o	op. o	4	4	4							
Glasgow	1004.4	45	W	3	o	1001.2	-5	46	+6	SSW	4	-	ogd	*	52	39	b. bc. c	c. o. z	cb. o. p	4	4	4							
Malin Head	1005.1	49	WNW	3	cv	995.9	-5	52	+4	SSW	5	SW	omd	3	1	52	44	b. p	bc	om	4	4	4						
Blacksod Point	1007.1	53	W	2	bc	1001.1	?	54	+4	WSW	4	-	omv	4	1	57	46	bc	bc	bc	4	4	4						
Roche's Point	1008.5	55	NNW	3	bcv	1010.3	0	54	+7	WSW	3	-	o	3	0.1	58	45	b. bc. c	c. bc	bc. b. o	4	4	4						
Birr Castle	1007.0	51	NW	1	c	1006.7	*	52	+12	S	4	-	o	*	56	39	c	c	c. o	4	4	4							
Donaghadee	1006.1	49	WSW	2	bcv	1003.3	-4	48	-2	WSW	4	-	o	4	-	54	40	bc. m. bc	bc	bc. m	4	4	4						
Liverpool (Bidston)	1005.1	50	NW	3	c	1007.8	0	45	-2	SSW	3	W	b	2	-	54	43	b. bc	c	c. o. bc	4	4	4						
Holyhead	1006.1	51	N	4	cq	1007.6	-1	51	0	WSW	5	W	cq	4	-	56	46	c. bc	bc. c. bc	bc. c	4	4	4						
Pembroke (St. Ann's Head)	1004.7	51	N	3	cv	1011.4	+1	54	+4	WSW	3	NW	bcv	3	-	58	47	c. bcv	bcv. cv	bcv	4	4	4						
Scilly (St. Mary's)	1006.6	54	NNE	4	bc	1013.4	+1	52	-3	N	2	-	bc</																



# SUMMARY OF CONDITIONS AT 7 A.M. Wednesday, 24th September, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	W-N. 2-12	Cool	Fair to fine	Var.	Slight
2. E. England	SW-NW. 3-7	"	Fair to fine	Ord.	Smooth
3. E. Midlands	SW. 2-7	"	Fair to fine	Fair	"
4. W. Midlands	S-W. 2-10	"	Fair or fine	"	"
5. S.W. England	N. 2-7	"	"	Very good	Slight
6. South Wales	SW-W. 8-12	Moderate	Fair	Good	"
7. North Wales	SW. 15-20	"	Fair	"	Med.
8. N.W. England	SW. 10-15	Cool	Fair or fine	Fair	Slight
9. N. Midlands	SW. 10-15	"	"	"	"
10. N.E. England	SW. 5-15	"	Cloudy or dull, mist locally.	Poor	Slight
11. E. Scotland	S-SW. 10-15	"	Dull, rain locally.	"	Smooth
12. S.W. Scotland	S-SW. 15-25	Moderate	Dull, rainy.	"	Med.
13. Isle of Man	SW. 15-20	"	Cloudy.	Med.	"
14. N. & N.W. Scotland	S-SW. 30-35	Cool	Rain	Poor	High
15. Hebrides	W-N. 25-30	Moderate	Dull, some drizzle	"	Rough.
16. Orkneys and Shetlands	S. 25-45	Cool	Cloudy, some rain and mist.	"	Rough
17. N.W. Ireland	S-SW. 15-25	Moderate	Dull, some rain and mist.	"	Med.
18. N.E. Ireland	SW. 15-20	R. cool	Cloudy, some mist.	"	"
19. S.E. Ireland	S-SW. 10-15	Moderate	Overcast.	Fair	Slight
20. S.W. Ireland	SW. 10-15	"	Overcast.	"	Med.

## GENERAL INFERENCE from observations received up to 10 A.M.

A depression to the northward of Scotland will cause an increase in the wind from SW. and W. with rain or showers in all the northern districts today, and it is probable that secondary disturbances will subsequently bring less fine weather to the south.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**—  
 ○ clear sky. ○ sky & clouded.  
 ☁ sky & clouded. ☁ sky & clouded.  
 ☁ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist.  
 T thunder. K thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough ~~~~~ High ~~~~~

Districts.	Forecasts for the 24 hours commencing 3 p.m. Wednesday, 24th September, 1919
1. S.E. England	Wind SW. or W. light, then freshening somewhat. Fine generally today, then becoming cloudy or dull, with some showers. Temperature rather low, then rising somewhat.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	Wind SW. or W. light or moderate to fresh. Variable sky, some showers later. Moderate temperature.
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Wind SW. veering to W. or NW, moderate or fresh, strong locally. Cloudy or dull, some rain. Rather low temp.
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Wind between SW. and W. or NW, moderate, fresh or strong locally. Cloudy or dull, some showers. Moderate temp.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

## Further Outlook.

The general condition is likely to continue unstable, more especially in the northern districts.



HIGH

Nautical Miles  
Statute Miles



1.	Very Bad	Objects not visible beyond	300 metres.	
2.	Bad	"	500 "	(545 yards)
3.	Very Poor	"	1,000 "	(0.6 mile)
4.	Poor	"	2,000 "	(1.2 miles)
5.	Indif. or Ordinary	"	4,000 "	(2.5 "
6.	Fair	"	7,000 "	(4.2 "
7.	Good, above ord.	"	12,000 "	(7.5 "
8.	Vy. gd., unusual	"	20,000 "	(12.4 "
9.	Except. good	"	30,000 "	(18.6 "
10.	Objects visible beyond	30,000 metres.	(18.6 miles)	



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 267. B

Wednesday  
24th September.

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

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 ...	c. bc	c	51	44	-	-	4.0	5.2	Douglas (I.O.M.)								
Banff ...	o. c	bc	48	42	7	0.4	2.5	0.0	Blackpool ...	bc. bc. o	bc. o	55	41	4	-	7.7	0.2
Montrose ...	bc. b.	c. bc. o	52	41	-	-	7.6	1.3	Southport ...	b.	b. bc. c	54	43	4	1	7.2	0.0
St. Andrews ...	-	-	53	40	-	-	8.0	3.5									
England, N.E.									Midlands.								
Harrogate ...	bc. b	b. bc	56	38	3	-	6.6	0.0	Buxton ...	c. bc. bc	bc. bc. z	54	52	22	-	6.4	0.0
Skegness ...	o. bc	bc. bv	54	46	-	-	4.9	0.0	Leamington Spa ...	o. c. b	bc. z	58	46	10	-	5.3	1.1
Scarborough ...	-	-	56	42	-	-	6.9	1.5	Malvern ...								
									Ross-on-Wye ...	g. o. c	c. bc. bz. yb	60	46	5	-	5.3	0.9
England, E.									Wales.								
Felixstowe ...	op. p.	op. p.	60	50	3	6	0.4	2.3	Rhyl ...	c. bc	bc	54	46	14	-	7.2	0.2
Walton-on-Naze ...									Colwyn Bay ...	-	-	56	47	5	-	6.5	0.6
Southend-on-Sea ...	o. cp	op. c.	64	53	6	1	2.4	1.2	Llandudno ...	c. b.	bc	55	47	9	-	6.5	0.0
									Aberystwyth ...	r. o. c	b. bc	55	52	-	-	6.0	0.5
England, S.E.									England, S.W.								
Margate ...	c. bc. or	c. or	65	52	4	12	0.5	1.7	Weymouth ...	-	-	67	56	5	-	6.0	1.8
Ramsgate ...	o	o	64	51	4	4	2.1	1.8	Teignmouth ...	bc. p.	bc	65	52	1	0.1	4.2	0.9
Folkestone ...	r.	p. r.	62	52	7	2	2.6	1.7	Torquay ...	b. bc. p.	bc. c	63	56	3	0.3	6.3	1.4
Hastings ...									Paignton ...	bc.	bc. p	61	54	1	trace	4.4	0.6
Eastbourne ...	c. o	or. c. r. o	63	54	9	3	1.6	0.1	Penzance ...	op. r. bc	bc	60	55	2	-	7.0	3.5
Brighton ...	op.	op.	63	54	14	10	3.1	1.1	Newquay ...	c. b.	bc. y	57	54	8	-	6.7	3.4
Worthing ...	op. c.	op. c.	65	54	4	1	3.2	1.4	Bude ...	op. c. bc	bc	60	54	8	-	7.2	1.2
Littlehampton ...	-	-	63	55	7	2	3.5	1.9	Ilfracombe ...	o. c. bc	bc. c. bc	58	54	7	-	6.0	0.0
Bournemouth ...	-	-	65	50	2	-	6.0	1.4	Weston-s-Mare ...	bc. o. c	bc	59	52	1	-	2.5	0.8
TOMBRIDGE WELLS	o. c. bc	c. bc. o	65	51	2	3	1.9	6.3									

## SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	Rainfall.		Sun. Hours.
	7h-13h 24h	13h-18h 24h	18h-23h 24h	1h-7h 24h				Day. 7h-18h	Night. 18h-7h	
† Houton Bay (Orkney) ...	P.	op.	q. c. o	r. c.	49	38	*	*	*	*
Eskdalemuir ...	bc. bc. bc.	bc. c. y. o	b. bc. c	ex. o	53	32	28	-	-	6.1
† Stranraer ...	bc. cp.	vc. o	b. bc. b. bc	o	55	32	*	*	*	*
† Lough Foyle ...	op.	c	p.	p.	50	45	*	*	*	*
Valencia (Cahirveen) ...	bc. c	c. bc. c	bc. b. bc. c. o		57	44	40	-	-	6.6
† Anglesey (Llangefni) ...	bc. op.	bc. c	b. o. r. r.	bc. c. o	56	37	*	*	*	*
Falmouth ...	o. bc. op.	bc. y. v.	b	bc. c	61	42	34	trace	-	6.8
† Calshot (Hants) ...	b. bc	bc. cv	b. bc	b. bc	66	37	*	*	*	*
† Capel (Folkestone) ...	om. r.	om. r.	v. o	og	60	48	*	*	*	*
Aberdeen ...	bc. op.	bc. c. c	c. o. orm		49	39	33	0.1	1	7.6
† East Fortune ...	bc. c	bc. c	bc. c	c. op.	54	39	*	*	*	*
† Flamborough Head ...	bc. c. z	bc. cv	bc. cv.	c. z.	55	37	*	*	*	*
† Felixstowe ...	r. b.	p. r. r.	bc. c	b. bc. z	57	43	*	*	*	*
† Cranwell (Lines) ...	r. b. bc	bc. c. c. o	c. o. w.	bc. c	57	37	*	*	*	*
† Bedford ...	om. p.	bc. c. z	bc. c. z	3. z. w	58	35	*	*	*	*
Benson ...	r. o	bc. b	c. bc		57	32	28	1	-	*
London (Kew Obsy.) ...	c. bc. or. o	o. cm	bm. f. w. bc. w		63	39	30	1	-	1.6

## 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.

## THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
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	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.5
12	Above 76	33.6 or above

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 2=heavy. Underlining is used to express continuity.

## SYMBOLS—

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

## LONDON OBSERVATIONS.

	WEATHER.			TEMPERATURE.			HUMIDITY.	WIND.		COLOUR OF SKY.	STATE OF SKY.	CO. ST.	
	MORNING.	AFTERNOON.	EVENING.	MAX.	MIN.	DIRECTION & FORCE.		YESTERDAY.	TO-DAY.				
						15 h. G.M.T.							9 h. G.M.T.
24 HOURS ENDED 9H G.M.T. 24 <sup>th</sup> .....													
Greenwich (Royal Observatory)	cp	o	o bf	66	38	28	3	1.4	89	89			
City (Bunhill Row) ... ..	*	*	*	*	*	*	*	0.7	*	*			
Westminster (St. James's Park)	*	*	*	64	39	33	1	1.6	78	79			
.. (Admiralty Arch)	om. cpq	op. cm	bcw	53	42	*	1	1.3	84	74			
Camden Sq. (British Rainfall)	c. or	c. o	*	63	37	36	3	1.6	93	96			
Kensington Palace ... ..	c. op	oe	*	63	39	31	1	*	79 (W)	84			

## SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.	5.79
Total Joules.	5.79
Milliwatts.	
Average Rate.	13.3
Maximum Rate.	71

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

24th & 25th September 1919.			
Stations.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth...	5.43	11.45	5.47
	5.45	11.45	5.45
Greenwich	5.50	11.52	5.54
	5.52	11.52	5.52
Wick	6.1	12.4	6.6
	6.4	12.4	6.3
Valencia ...	6.31	12.33	6.36
	6.33	12.33	6.33

## NOTES ON THE WEATHER OF YESTERDAY.

Temperature failed to reach 50° in the far north of Scotland and remained below 60° except at a few places in the south of England. At night the thermometer fell to 32° at Benson and at some Scottish stations. Rain fell locally in England and more generally in Ireland and Scotland, but the amount was generally slight. Bright sunshine was fairly prevalent in the west and north but there was very little in the south-eastern and central parts of England.

† Air Ministry Station.

\* Information for these columns not usually received.





METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.

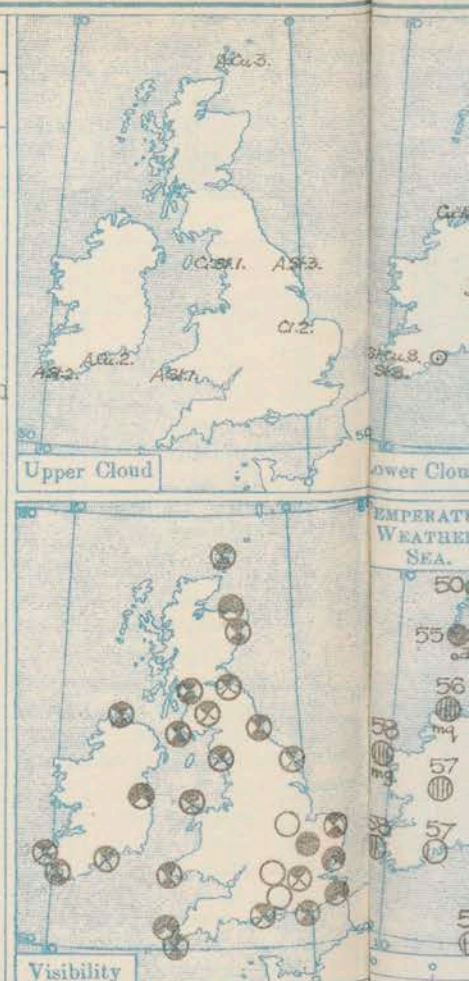
No. 1266 THURSDAY, 25<sup>TH</sup> SEPTEMBER 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 13h AND 18h.																													
STATIONS.	BAROM.	†	WIND.		Weather	TEMP.	Humidity.	Visibility.	Height	Low Cloud.		Upper Cloud.		Sea	BAROM.	†	WIND.		Weather	TEMP.	Humidity.	Visibility.	Height	Low Cloud.		Upper Cloud.		Sea	
	at	Change	Dir.	Force		°F.	%	0-10.	Feet.	Form.	Amt.	Form.	Amt.		at	Change	Dir.	Force		°F.	%	0-10.	Feet.	Form.	Amt.	Form.	Amt.		
	M.S.L.	in 3		0-12.							0-10.				M.S.L.	in 3		0-12.								0-10.			
13H. G.M.T. OF 24 <sup>TH</sup>															18H. G.M.T. OF 24 <sup>TH</sup>														
†Houton B. (Orkney)	985.9	-4	W	10	bc	42	98	4	1-1500	St	5	-	-	7	986.4	-1	W	10	bc	48	75	4	1-2000	St	9	-	-	7	
Eskdalemuir ...	998.9	-4	SW	6	om	51	98	4	1-1500	Nb	10	-	-	*	999.6	+2	WSW	7	om	52	92	3	1-2000	Nb	10	-	-	*	
†Stranraer ...	1001.4	-2	SW	3	d	50	98	4	1-2000	Nb	10	-	-	*	1001.3	+1	W	6	d	52	98	4	2-3000	St	10	-	-	*	
†Lough Foyle ...	998.8	+1	WSW	3	o	55	92	5	1-2000	St	10	-	-	*	999.8	0	WSW	9	bc	50	98	5	1-1500	St	10	-	-	5	
Valencia (Cahire'n)	1010.3	+1	WSW	4	o	59	92	6	1-1000	St	9	ast	1	4	1011.7	+2	WSW	3	od	58	92	6	1-1500	St	10	-	-	4	
†Anglesey (Llangefni)	1006.8	-2	SW	6	bc	50	92	6	1-1000	Nb	10	-	-	6	1006.8	+1	SW	6	bc	57	92	3	1-1500	Nb	10	-	-	6	
Falmouth ...	1014.6	0	WSW	4	bc	62	65	8	-	cu	3	ast	2	*	1015.3	+1	SW	3	c	57	87	8	-	St	5	ast	2	*	
†Calshot (Hants) ...	1013.4	0	SSW	3	o	59	75	7	-	-	-	ast	10	3	1014.1	+1	SW	3	o	56	87	7	2-3000	St	10	-	-	4	
†Capel (Folkestone)	1012.7	+2	SSW	2	2	58	75	5	-	-	-	cu	5	2	1013.7	+3	WSW	5	ov	53	82	8	2-3000	cu	3	ast	7	5	
Aberdeen ...	992.8	-3	SSW	3	amp	53	87	4	-	cu	10	-	-	3	993.0	+1	W	3	o	55	55	7	-	St	10	-	-	3	
†East Fortune ...	995.7	-5	SW	5	q	56	82	6	2-3000	St	10	-	-	*	996.4	+1	W	4	q	55	75	6	2-3000	Nb	10	-	-	*	
†Falmorough ...	1013.6	-5	SW	7	om	53	65	4	2-3000	St	10	-	-	*	1002.6	0	SW	5	om	55	82	5	1-1500	St	10	-	-	*	
†Felixstowe ...	1011.9	-1	WNW	3	c	59	55	6	-	-	-	ast	5	3	1012.0	0	W	3	c	56	75	5	-	-	ast	8	4		
†Cranwell (Lincs)	1008.5	-2	SW	3	o	55	75	7	3-4000	St	4	ast	4	*	1007.3	-1	SW	3	o	59	87	7	2-3000	St	5	ast	5	*	
†Bedford ...	1011.4	0	SW	3	om	58	65	5	4-5000	St	2	cu	7	*	1010.6	+1	SW	3	bc	56	75	5	4-5000	St	6	ast	4	*	
Benson ...	1011.3	-2	WSW	4	c	58	65	8	-	-	-	-	-	*	1011.5	0	SW	3	c	55	75	8	-	St	5	-	-	*	
London (Kew Obs.)	1011.9	-1	WSW	2	c	57	65	8	-	Nb	4	cu	3	*	1012.9	+1	SW	3	c	56	75	6	-	St	2	ast	5	*	
1H. G.M.T. OF 25 <sup>TH</sup>															7H. G.M.T. OF 25 <sup>TH</sup>														
†Houton B. (Orkney)	987.8	+2	W	10	bc	48	87	5	2-3000	St	10	-	-	7	991.0	+2	N	3	bc	48	92	4	2-3000	St	10	-	-	7	
Eskdalemuir ...	1000.7	+1	WSW	7	o	55	87	6	-	Nb	10	-	-	*	1001.9	+2	WSW	7	om	54	97	6	1-2000	Nb	10	-	-	*	
†Stranraer ...	1002.4	+1	W	5	d	56	98	-	1-2000	St	6	-	-	*	1005.7	H	W	6	ou	57	97	5	1-1500	St	10	-	-	*	
†Lough Foyle ...	1009.1	+1	WSW	4	c	56	*	*	*	*	*	*	*	3	1002.9	+3	WSW	9	o	58	95	6	1-1500	St	10	-	-	5	
Valencia (Cahire'n)	1009.1	+1	WSW	4	c	56	*	*	*	*	*	*	*	3	1015.4	+1	WSW	3	c	58	92	6	1-1000	St	8	-	-	3	
†Anglesey (Llangefni)	1009.1	+2	SW	4	q	57	98	-	1-1500	St	10	-	-	6	1010.2	+2	WSW	4	o	58	87	7	-	-	-	-	-	6	
Falmouth ...	1015.6	0	WSW	5	om	59	92	4	-	Nb	10	-	-	*	1018.2	+2	WSW	4	od	57	92	5	-	Nb	10	-	-	*	
†Calshot (Hants) ...	1015.2	+2	SSW	4	o	60	92	6	1-1500	St	10	-	-	5	1016.3	+1	S	5	o	60	92	6	1-1500	St	10	-	-	3	
†Capel (Folkestone)	1014.5	-1	SW	5	v	56	92	8	3-4000	St	10	-	-	5	1015.7	+1	SW	7	of	57	97	2	1-2000	St	10	-	-	5	
Aberdeen ...	991.8	0	SW	1	bc	51	87	3	1-1500	St	6	-	-	*	994.3	+3	SW	1	om	56	82	4	-	St	10	-	-	2	
†East Fortune ...	996.9	+1	W	5	q	58	87	-	1-2000	Nb	9	-	-	*	997.7	+1	W	7	bc	58	92	6	2-3000	Nb	10	-	-	*	
†Falmorough ...	1003.7	+1	SW	6	om	58	82	5	2-500	St	10	-	-	*	1004.4	+2	WSW	6	o	58	95	6	1-2000	St	6	ast	3	*	
†Felixstowe ...	1012.8	0	W	4	o	56	92	-	2-3000	St	10	-	-	5	1013.4	+2	N	5	o	59	87	3	2-3000	St	6	-	-	4	
†Cranwell (Lincs)	1005.4	+1	WSW	3	c	55	92	3	2-3000	St	4	ast	4	*	1010.4	+3	WSW	4	c	59	87	8	3-4000	St	4	cu	2	*	
†Bedford ...	1005.0	0	SW	4	om	56	82	8	2-3000	St	10	-	-	*	1012.8	+2	WSW	5	bc	60	82	1	4-5000	St	10	-	-	*	
Benson ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.8	+3	WSW	4	o	58	87	8	-	St	10	-	-	*	
London ...	1013.7	0	SW	2	c	48	*	*	*	*	*	*	*	*	1014.5	+3	N	4	o	59	82	7	-	St	10	-	-	*	
(M.O. at 1h.)																													
STATIONS CONTRIBUTING REPORTS AT 7h AND 18h.																													
STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.	TEMPERATURE.		WIND.		Dir.	Upper Cloud.	Weather.	Sea.	Rainfall	TEMP.		WEATHER.			Sunshine								
	at	°F.	Dir.	Force		at	Change	Temp.	Change	Dir.						Force	Max.	Min.	Morning.	Afternoon.		Night.							
	M.S.L.			0-12.		M.S.L.	in 3	°F.	in 24							0-12.	°F.	°F.	°F.	°F.		°F.							
18H. G.M.T. OF 24 <sup>TH</sup>															7H. G.M.T. OF 25 <sup>TH</sup>														
Lerwick ...	983.6	48	W	5	om	989.4	+5	46	-	N	3	-	bc	?	10	51	44	om	om	om	om	*							
Stornoway ...	990.7	50	WSW	6	od	995.9	+4	50	-	H	3	-	o	2	8	52	49	q	q	q	q	0.0							
Castlebay (Barra Is)	995.1	53	W	5	od	998.4	+3	55	+2	WSW	4	-	od	4	2	55	52	to	to	to	to	0.0							
Glasgow ...	997.5	53	WSW	5	od	999.7	+2	56	+10	WSW	7	-	o	*	3	56	45	om	od	od	od	0.0							
Malin Head ...	998.7	56	SW	4	om	1001.4	+2	56	+4	SW	6	SW	om	4	trace	57	?	om	om	om	om	0.0							
Blackod Point ...	1004.9	58	SW	4	om	1004.3	4	58	+4	SW	4	-	om	4	1	59	46	om	om	om	om	*							
Roche's Point ...	1011.7	60	WSW	3	o	1014.7	+2	57	+3	WSW	2	H	b	2	0.3	63	46	om	om	om	om	*							
Birr Castle ...	1007.8	53	SW	3	om	1011.1	*	57	+5	H	2	-	o	*	1	59	52	om	om	om	om	0.0							
Donaghadee ...	1002.0	59	WSW	3	om	1005.1	+2	58	+10	WSW	5	-	c	4	trace	61	48	om	om	om	om	*							
Liverpool (Bidston)	1005.6	56	SW	4	bc	1010.9	+4	57	+12	WSW	4	SW	bc	4	1	59	45	od	od	od	od	0.7							
Holyhead ...	1006.3	58	SW	5	od	1010.1	+3	57	+6	WSW	4	H	bc	3	1	59	51	om	om	om	om	0.0							
Pembroke (St. Mary's)	1010.8	58	SW	5	o	1015.1	+3	57	+3	H	4	-	o	5	0.3	59	53	bc	bc	bc	bc	2.2							
Scilly (St. Mary's)	1015.2	58	SW	3	o	1017.8	0	57	+5	H	3	-	om	3	0.3	62	49	bc	bc	bc	bc	7.2							
Jersey (St. Aubin)	1016.5	57	WSW	3	bc	1019.8	0	59	+5	WSW	5	-	o	3	-	63	53	bc	bc	bc	bc	8.5							
Portland Bill ...	1012.7	56	WSW	5	bc	1016.9	0	60	+10	WSW	6	-	od	4	-	62	48	bc	bc	bc	bc	*							
Dungeness ...	1012.5	57	SW	5	c	1014.7	+1	60	+12	SW	5	-	od	4	5	65	47	c	c	c	c	*							
Wick																													



# SUMMARY OF CONDITIONS AT 7 A.M. Thursday, 25th September, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW-W. 15-30	Warm	Dull. Low clouds.	Var.	Mod.
2. E. England	SW-W. 10-20	"	" "	"	Slight
3. E. Midlands	SW-W. 10-15	"	Cloudy or dull, low clouds	Good	-
4. W. Midlands	"	"	" " "	"	-
5. S.W. England	"	"	Dull, some mist and drizzle.	Poor	Slight
6. South Wales	"	"	Dull.	Ord.	R. rough
7. North Wales	"	"	Cloudy or dull.	Good	Slight
8. N.W. England	SW-W. 15-30	"	Fair to dull	Fair	R. rough
9. N. Midlands	SW-W. 15-25	"	"	"	-
10. N.E. England	SW-W. 15-25	"	Dull, squally.	Ord.	Mod.
11. E. Scotland	WSW-WNW. 2-25	"	Dull, some mist or drizzle	Var.	"
12. S.W. Scotland	SW-W. 25-30	"	Dull, some rain.	Ord.	"
13. Isle of Man	SW-W. 20-30	"	Cloudy or dull.	"	R. rough
14. N. & N.W. Scotland	W-NW. 5-10	Moderate	Dull, some showers.	"	Slight
15. Hebrides	W. 10-15	"	Dull, some drizzle	"	Mod.
16. Orkneys and Shetlands	W. 10-30	R. cool	Fair to dull.	Mod.	R. rough
17. N.W. Ireland	SW. 30-40	R. warm	Dull.	"	"
18. N.E. Ireland	SW. 10-25	Warm	Cloudy.	"	Mod.
19. S.E. Ireland	SW-W. 2-7	"	Dull, local drizzle.	Poor	Smooth
20. S.W. Ireland	SW. 5-10	"	Fine to cloudy.	Good	Slight



GENERAL INFERENCE from observations received up to 10 A.M.

A large depression to the northward of Scotland is moving away eastward, but slight irregularities in barometric pressure shown over the British Isles are likely to be accompanied by much cloud generally, and showers locally.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**  
 ○ clear sky. ○ sky & clouded.  
 ○ sky & clouded. ○ sky & clouded.  
 ○ overcast sky. ● rain falling.  
 \* snow. ▲ hail. = fog. = mist.  
 T thunder. R thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough ~~~~~ High ~~~~~

Districts. Forecasts for the 24 hours commencing 3 p.m. Thursday, 25th September, 1919

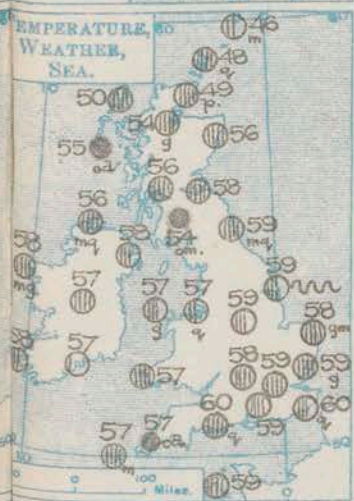
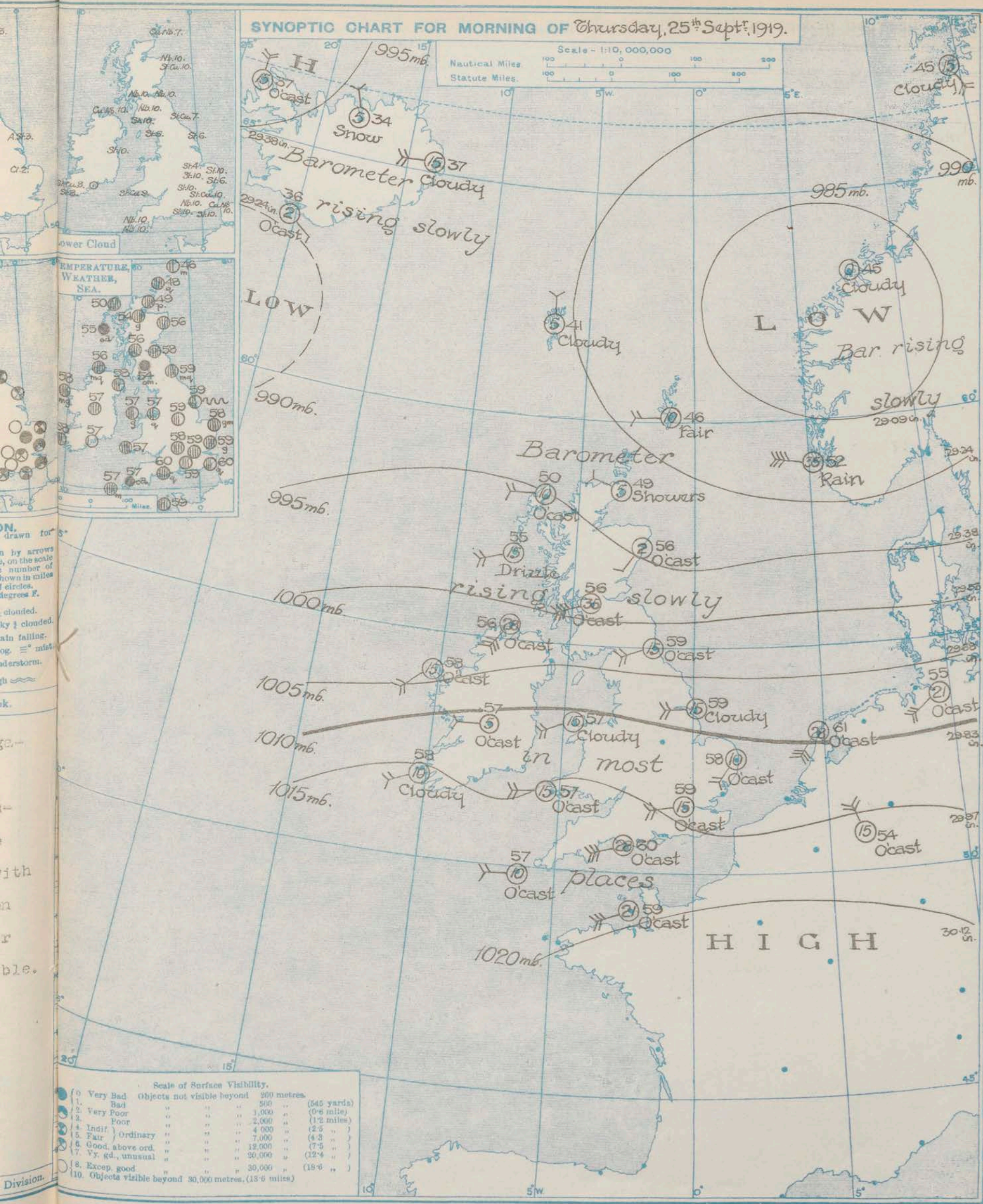
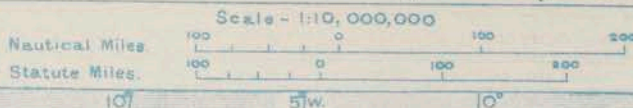
Further Outlook.

1. S.E. England	
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Wind from W. or SW. moderate, stronger at times.
7. North Wales	
8. N.W. England	Cloudy or overcast generally, some showers locally.
9. N. Midlands	
10. N.E. England	Mild day and night.
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	Wind between S. and W. fresh or strong. Cloudy
19. S.E. Ireland	or overcast, some showers. Mild.
20. S.W. Ireland	

A prolongation of the generally unsettled type of weather with winds between SW. and W. or NW. is probable.



# SYNOPTIC CHART FOR MORNING OF Thursday, 25<sup>th</sup> Sept., 1919.



Scale of Surface Visibility.

Number	Description	Distance
0	Very Bad	Objects not visible beyond 200 metres.
1	Bad	500 " (545 yards)
2	Very Poor	1,000 " (0.6 mile)
3	Poor	2,000 " (1.2 miles)
4	Indif. Ordinary	4,000 " (2.5 " )
5	Fair	7,000 " (4.3 " )
6	Good, above ord.	12,000 " (7.5 " )
7	Vy. gd., unusual	20,000 " (12.4 " )
8	Except. good	30,000 " (18.6 " )
10	Objects visible beyond 30,000 metres, (18.6 miles)	



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 268 B

THURSDAY  
25<sup>TH</sup> SEPTEMBER

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR ... 24 <sup>TH</sup> ...																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 22 <sup>ND</sup>	Day. 9h-17h. 24 <sup>TH</sup>	to 17h. 24 <sup>TH</sup>	Sunrise to Sun- set. 25 <sup>RD</sup>			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 22 <sup>ND</sup>	Day. 9h-17h. 24 <sup>TH</sup>	to 17h. 24 <sup>TH</sup>	Sunrise to Sun- set. 25 <sup>RD</sup>
Scotland.	Oban ... ..	of	of	55	41	3	1	0.0	4.0	England, N.W.	Douglas (I.O.M.)	x	x	57	41	1	1	0.0	-
	Banff ... ..	of	o	55	37	2	0.4	0.0	2.5		Blackpool ... ..	o	of	58	45	-	?	0.0	7.7
	Montrose ... ..	o	o	58	40	-	-	0.0	7.6		Southport ... ..	o.c.o	of.o	56	44	-	1	0.0	7.4
	St. Andrews ... ..	o	c	57	36	-	-	0.0	8.0										
England, N.E.	Harrogate ... ..	o.c.	of	52	36	-	1	0.1	6.6	Midlands.	Buxton ... ..	bc.bc.c	bc.b.cr	53	31	-	-	0.7	6.5
	Skegness ... ..	b.bc.o	o	57	37	-	-	4.8	4.9		Leamington Spa... ..	bc.c.b	c.b.o	59	36	-	-	2.8	5.3
	Scarborough ... ..	-	-	53	40	-	-	0.0	6.9		Malvern ... ..	-	-	60	32	-	-	1.2	5.3
											Ross-on-Wye ... ..	x	x	60	32	-	-	1.2	5.3
England, E.	Felixstowe ... ..	bc	bc.m	59	39	-	-	6.9	0.4	Wales.	Rhyl ... ..	bc.p.	cp	58	38	-	0.2	1.0	7.2
	Walton-on-Naze... ..										Colwyn Bay ... ..	x	x	60	44	-	-	0.6	6.5
	Southend-on-Sea... ..	z.bc.b	b.bc.o	60	41	-	-	5.9	2.4		Llandudno ... ..	o	op	59	41	-	0.1	0.2	6.6
											Aberystwyth ... ..	o.o.c	c.o.o	57	52	x	x	0.5	6.0
England, S.E.	Margate ... ..	bc.b	b.bc.c	61	52	-	-	6.0	0.5	England, S.W.	Weymouth ... ..	bc	bc.c	64	42	-	-	5.0	6.2
	Ramsgate ... ..	o	o	64	50	8	-	6.0	2.1		Teignmouth ... ..	bc	-	62	42	-	-	7.5	4.9
	Folkestone ... ..	cr.c	bc.c.o	62	50	0.2	-	6.5	2.6		Torquay ... ..	bc.b	bc.b	60	43	-	-	8.5	6.6
	Hastings ... ..	of.bc.b	b.bc	62	48	1	-	7.0	-		Paignton ... ..	bc	bcq	62	40	Trace	-	6.8	4.4
	Eastbourne ... ..	bc	bc.c	59	47	-	-	7.1	1.6		Penzance ... ..	bc	bc.c	63	40	-	-	7.5	7.0
	Brighton ... ..	c.bc	bc.c.o	60	44	-	-	7.8	3.1		Newquay ... ..	b	b	61	39	-	-	5.5	7.2
	Worthing ... ..	bc	bc	61	42	-	-	7.8	3.2		Bude ... ..	b.bc.c	bc.c	60	36	0.1	-	5.9	7.8
	Littlehampton ... ..	x	x	59	56	-	-	6.0	3.5		Ilfracombe ... ..	c.bc.c	c.o	59	43	-	-	4.5	6.3
	Bournemouth ... ..	x	x	60	39	-	-	6.5	6.3		Weston-s-Mare ... ..	bc.c	bc.c	62	38	-	-	2.3	2.5
	Tonbridge Wells ... ..	b	b.bc.o	60	37	-	-	6.5	1.9										

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.		
STATIONS.		WEATHER				Max. Temp. °F.		Min. Temp. °F.		RAINFALL.		No.	Limits of Velocity.	
		7h-13h. 24 <sup>th</sup>	13h-18h. 24 <sup>th</sup>	18h-24h. 24 <sup>th</sup>	1h-7h. 25 <sup>th</sup>	°F.	°F.	°F.	°F.	Day. 7h-13h. 24 <sup>th</sup>	Night. 13h-18h. 24 <sup>th</sup>		Statute miles per hour.	Metres per second.
†Houton Bay (Orkney)...		Epz	Edo	Epz	Edo	49	38	*	*	*	*	0	Less than 1	Less than 0.3
Eskdalemuir ...		o. ofm.	o. ofm.	o. ofm.	o. ofm.	55	43	*	*	9	3	1	1-3	0.3-1.5
†Stranraer ...		To	c. of.	Op	Edo	58	41	*	*	*	*	2	4-7	1.6-3.3
†Lough Foyle ...		ri	Edo	Edo	Edo	55	46	*	*	*	*	3	8-12	3.4-5.4
Valencia (Cahirveen) ...		od.o	od	od.o.c	od.o.c	60	56	55	-	-	-	4	13-18	5.5-7.9
†Anglesey (Llangefni) ...		of	c. ofp.	oq	c. ofp.	58	37	*	*	*	*	5	19-24	8.0-10.7
Falmouth ...		bcq	c. bc.c	c. od	Edo	63	44	55	-	Trace	7.3	6	25-31	10.8-13.8
†Calshot (Hants) ...		c	c.o	o	Edo	65	37	*	*	*	*	7	32-38	13.9-17.1
†Capel (Folkestone) ...		zv	c	vo	Edo	58	47	*	*	*	*	8	39-46	17.2-20.7
Aberdeen ...		Trg. om	omp.o	c. bc.o	Edo	57	43	49	1	-	0.0	9	47-54	20.8-24.4
†East Fortune ...		q.c.o	q.p.	q.o	Edo	58	42	*	*	*	*	10	55-63	24.5-28.1
†Flamborough Head ...		q.c.o	c. ofp.	q.o	Edo	55	30	*	*	*	*	11	64-75	28.5-33.5
†Felixstowe ...		bc.c	zq	oq	Edo	59	42	*	*	*	*	12	Above 75	33.6 or above
†Cranwell (Lines) ...		c.o.c	p.c.o	p.c	Edo	60	47	*	*	*	*			
†Bedford ...		zq	c. ofp.	omq	Edo	60	35	*	*	*	*			
Benson ...		b.bc	bc	c.o	Edo	58	36	51	-	-	-			
London (Kew Obsy.) ...		bj. bc.m	c	o	Edo	59	40	50	-	-	5.9			

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 9H G. M. T. 25 <sup>TH</sup>							YESTERDAY.	TO-DAY.	25 <sup>TH</sup> + 26 <sup>TH</sup> SEPTEMBER 1919.						
												Stations.	Sunrise.	Noon.	Sunset.	
Greenwich (Royal Observatory)	C	C. ☉	O. M. O	62	48	48	-	5.5	57	83	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Yarmouth...	G. M. T.	G. M. T.	G. M. T.	
City (Bunhill Row) ...	☉	☉	*	61	50	51	*	4.9	57	81			5.45	11.45	5.45	
Westminster (St. James's Park)	☉	☉	*	61	50	51	*	5.1	57	81			5.46	11.44	5.42	
" (Admiralty Arch)	bm. bc	bc. cq	o. p. q	61	50	*	-	5.6	64	88			5.52	11.52	5.52	
Camden Sq. (British Rainfall)	bc. b	bc. c	*	63	49	42	-	5.4	59	83			5.53	11.51	5.49	
Kensington Palace ...	bc.	o	*	61	50	51	*	☉	72 (86)	84	Total .. 107.8 .. Joules.	Wick ...	Valencia ...	6.4	12.4	6.3
Average Rate. 2.4-8											6.6			12.3	6.0	
Maximum Rate. 58											6.33			12.33	6.33	
											6.34	12.32	6.33			

## NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose to 60° or rather higher in several parts of England and Ireland and to above 55° in Scotland. Little or no bright sunshine was recorded in Ireland and the northern districts of Britain, but in the SW., S. and SE. of England the day was fair or bright. Rain fell in most localities, but the quantity was generally moderate or slight.

† Air Ministry Station.

\* Information for these columns not usually received.





METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.

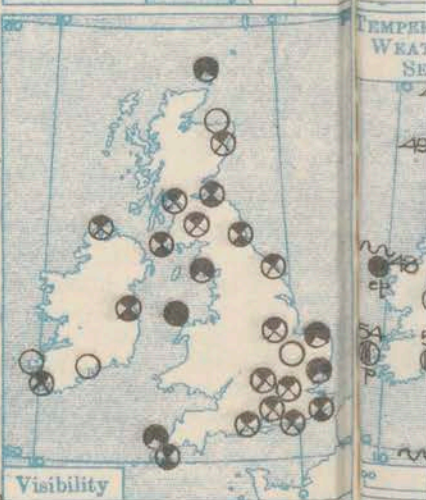
No. 1, 127B FRIDAY, 26<sup>TH</sup> SEPTEMBER 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																												
STATIONS.	BAROM.	†	WIND.		Weather.	TEMP.	%	VISIBILITY.	Height	Low Cloud.		Upper Cloud.		Sea	BAROM.	†	WIND.		Weather.	TEMP.	%	VISIBILITY.	Height	Low Cloud.		Upper Cloud.		Sea
	at M.S.L. m.b.	Change in 3 hours.	Dir.	Force 0-12.		°F.	Humidity 0-10.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.	Change in 3 hours.	Dir.	Force 0-12.	°F.	Humidity 0-10.		Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.			
13H. G.M.T. OF 25 <sup>TH</sup>														18H. G.M.T. OF 25 <sup>TH</sup>														
†Houton B.(Orkney)	996.5	+2	W	7	τ <sub>2</sub> q	48	98	2	4500	Nb	10	-	-	6	996.0	-3	SE	2	τ <sub>1</sub> q	48	98	1	4500	Nb	10	-	-	5
Eskdalemuir ...	1006.4	+4	WSW	5	odm	57	92	4	1½-2000	Nb	10	-	-	*	1004.9	-2	SW	6	odm	57	98	3	1½-2000	Nb	10	-	-	*
†Stranraer ...	1007.4	+2	SW	2	o	60	98	5	1½-2000	St	10	-	-	*	1006.0	-1	S	3	o	59	98	5	1½-2000	St	9	-	-	*
†Lough Foyle ...	1004.4	o	WSW	8	q	57	98	5	1-1500	Nb	10	-	-	4	1000.6	-5	SW	9	o	58	98	6	1½-2000	St	9	-	-	4
Valencia (Cahire'n)	1015.6	o	SSW	4	c	62	82	7	1½-2000	St	7	-	-	4	1013.0	-3	S	4	o	59	87	7	1-1500	St	9	-	-	4
†Anglesey (Llangefni)	1012.5	+1	SW	5	q	60	87	7	1-1500	St	5	a.cu	4	5	1011.4	-2	SSW	4	?	58	92	?	4500	Nb	6	a.cu	7	5
Falmouth ...	1019.5	+1	WSW	3	o	61	75	6	-	cu	6	-	-	*	1018.9	-1	WSW	2	o	58	82	5	-	St	10	-	-	*
†Calshot (Hants) ...	1017.7	o	WSW	3	c	66	75	5	1-1500	St	8	-	-	5	1018.1	o	WSW	2	o	60	87	8	2-3000	St	10	-	-	3
†Capel (Folkestone)	1016.8	+1	SW	7	o	60	92	6	1½-2000	St	10	-	-	*	1017.5	o	SW	4	c	57	98	5	1½-2000	St	3	cu	4	5
1H. G.M.T. OF 26 <sup>TH</sup>														7H. G.M.T. OF 26 <sup>TH</sup>														
†Houton B.(Orkney)	999.3	+5	S	1	c	64	65	8	-	cu	4	cu	3	2	998.0	-4	SSW	4	bc	61	75	7	-	-	-	a.cu	6	2
†East Fortune ...	1003.1	+5	W	4	o	61	82	5	1½-2000	St	9	-	-	*	1001.5	-3	WSW	4	o	62	82	5	2-3000	St	9	-	-	*
†Flamborough ...	1007.5	+3	W	8	bc	63	75	7	4-5000	St	3	a.cu	1	*	1009.9	+2	SW	2	om	61	75	3	2-3000	St	7	a.st	3	*
†Felixstowe ...	1015.3	+1	W	4	c	64	75	6	2-3000	St	3	a.cu	4	4	1016.2	+2	NW	3	q	61	87	6	2-3000	St	5	a.st	4	4
†Cranwell (Lincs)	1012.2	+2	WSW	4	bc	66	75	7	2-3000	St	3	cu	1	*	1011.4	+1	SW	3	b	67	65	7	2-3000	St	1	a.st	2	*
†Bedford ...	1014.1	+1	WSW	2	q	68	65	3	4-5000	cu	4	-	-	*	1015.1	+1	WSW	2	z	59	82	-	5-4000	?	?	-	-	*
Benson ...	1015.6	+2	WSW	4	o	61	75	7	-	-	-	-	-	*	1016.1	o	SW	3	o	60	75	7	-	St	10	-	-	*
London (Kew Ob.)	1016.3	o	SW	4	c	65	65	8	-	cu	6	cu	1	*	1016.6	o	SW	2	o	62	75	7	-	St	10	-	-	*
1H. G.M.T. OF 26 <sup>TH</sup>														7H. G.M.T. OF 26 <sup>TH</sup>														
†Houton B.(Orkney)	1001.1	-3	SSW	7	omq	55	98	1	1-1500	St	10	-	-	*	994.6	+3	W	9	o	57	82	3	1-1500	St	9	-	-	7
Eskdalemuir ...	1001.7	-3	S	5	τ <sub>0</sub> q	57	98	-	1½-2000	St	10	-	-	*	994.6	-1	WSW	6	o	52	87	6	1½-2000	Nb	9	-	-	*
†Stranraer ...	1001.7	-3	S	5	τ <sub>0</sub> q	57	98	-	1½-2000	St	10	-	-	*	997.7	+1	WNW	4	o	51	87	5	1½-2000	St	10	-	-	*
†Lough Foyle ...	1006.8	-8	SSW	4	o	58	*	*	*	*	*	*	*	*	997.7	+4	NW	7	o	59	97	6	1½-2000	cu	9	-	-	*
Valencia (Cahire'n)	1006.8	-8	SSW	4	o	58	*	*	*	*	*	*	*	*	1010.4	+4	NW	5	o	54	75	10	2-3000	cu	9	-	-	4
†Anglesey (Llangefni)	1008.6	-5	SW	7	o	59	98	-	1½-2000	St	10	-	-	6	1002.6	-4	SW	7	o	57	97	1	1-1500	Nb	10	-	-	6
Falmouth ...	1016.8	-4	SW	4	b	57	82	5	-	St	10	-	-	*	1013.0	-2	SW	4	od	58	92	5	-	Nb	10	-	-	*
†Calshot (Hants) ...	1014.8	-3	WSW	3	o	56	92	7	2-3000	St	10	-	-	6	1012.5	-2	WSW	4	o	58	87	6	2-1000	St	10	-	-	5
†Capel (Folkestone)	1016.5	-3	SW	7	o	51	92	7	2-3000	St	10	-	-	6	1013.3	-2	SSW	7	o	56	97	5	4500	St	10	-	-	5
§Aberdeen ...	991.5	-2	S	6	b	58	92	7	4-5000	St	2	-	-	*	994.2	+2	W	4	b	55	65	7	-	-	-	-	-	2
†East Fortune ...	998.7	-3	SW	5	b	62	82	-	2-3000	St	2	-	-	*	994.1	+1	W	4	c	54	82	4	4-5000	St	7	-	-	*
†Flamborough ...	1007.1	-2	SW	4	b	57	87	6	-	-	-	-	-	*	1008.1	-6	SW	6	b	55	82	6	3-4000	St	1	a.st	1	*
†Felixstowe ...	1014.8	-3	W	3	c	59	65	5	3-4000	St	8	-	-	4	1011.9	-3	W	6	o	58	82	3	1½-2000	St	10	-	-	5
†Cranwell (Lincs)	1011.1	-3	SW	3	b	53	92	4	2-3000	St	2	-	-	*	1006.2	-2	SW	4	c	55	92	6	1½-2000	St	7	-	-	*
†Bedford ...	1013.6	-1	SW	2	o	58	87	-	1½-2000	St	9	-	-	*	1009.7	-1	SSW	5	o	55	75	8	4-5000	St	10	-	-	*
Benson ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1010.3	-3	SW	4	o	55	82	7	-	St	10	-	-	*
London ...	1015.2	-1	WSW	3	caq	50	*	*	*	*	*	*	*	*	1011.6	-3	SW	3	o	57	75	7	-	St	10	-	-	*
(M.O. at 1h.)																												
STATIONS CONTRIBUTING REPORTS AT 7H AND 18H.																												
STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		DIREC. OF UPPER CLOUD.	WEATHER.	SEA.	TEMP.		WEATHER.			SUNSHINE.								
	at M.S.L. m.b.	°F.	Dir.	Force 0-12.		at M.S.L. m.b.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.				Max. °F.	Min. °F.	Morning.	Afternoon.	Night.		Hours.							
18H. G.M.T. OF 25 <sup>TH</sup>														7H. G.M.T. OF 26 <sup>TH</sup>										24 HOURS ENDED 7H. 26 <sup>TH</sup>				
Lerwick ...	997.1	49	SW	1	om	997.5	-3	57	+5	SW	6	-	omq	4	17	56	45	cm	bcn	omr q.	*							
Stornoway ...	991.3	55	SSW	5	omq	992.9	+4	48	-2	W	3	-	cp.	2	10	58	47	op	omq.	or. cp.	0.0							
Castlebay(Barras)	995.5	56	SW	6	τ	996.4	+3	49	-6	WNW	5	NW	c	5	5	57	48	dr	omq.	ro. c.	0.0							
Glasgow ...	1002.3	58	SW	4	omr.	996.6	+2	50	-6	WSW	4	W	c	7	11	59	50	op dr.	op. omr	op. h.	0.0							
Malin Head ...	999.7	59	SW	5	c	998.0	+1	50	-6	W	5	W	cp.	4	9	60	45	omq	omd.	omr	0.0							
Blacksod Point	1008.3	58	SW	5	omd.	1005.4	+4	48	-10	NW	5	-	cp.	5	10	60	46	omq	omd.	omd. r.	*							
Roche's Point...	1014.5	58	SW	3	c	1008.4	+2	56	-1	W	3	-	b	3	1	65	56	b. bc	bc. c	cp. b.	*							
Birr Castle ...	1009.6	61	S	2	c	1005.5	*	53	-4	W	3	-	o	*	6	65	52	o. j. c.	o. j. c.	cop.	1.8							
Donaghadee ...	1006.3	63	SW	4	om	1000.4	+1	53	-5	W	3	W	cm	3	2	65	53	bcn.	om.	omd. p.	*							
Liverpool(Bidston)	1010.9	59	SW	3	b	1002.1	-3	58	+1	SSW	5	SW	oq	6	-	66	55	bc.	b.	bq. bed	6.2							
Holyhead ...	1010.4	58	SW	6	bq	1002.2	-3	55	-2	W	6	-	caq	6	6	62	55	c. o. bcq.	c. bf. bq.	c. bcq. r.	5.4							
Pembroke (St. Ann's Head)	1016.0	58	WSW	4	c	1007.7	-3	58	+1	SW	5	-	oq	5	0.3	59	56	o.	o. c.	o. oq	3.0							
Scilly (St. Mary's)	1018.5	58	W	3	c	1013.4	-3	59	+2	WSW	4	W	o	5	0.2	63	57	c.	c.	o	2.0							
Jersey (St. Aubin)	10																											



# SUMMARY OF CONDITIONS AT 7 A.M. Friday, 26th September 1919.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW 15-35	Warm	Dull, low clouds, slight	fair	r. rough
2. E. England	SW 15-25	"	Cloudy or dull locally.	var.	slight
3. E. Midlands	SW 10-20	"	Cloudy or dull	good	---
4. W. Midlands	SW 10-20	"	Cloudy or dull	good	----
5. S.W. England	SW 15-20	"	Dull, some mist & drizzle	poor	r. rough
6. South Wales	SW 20-25	"	Dull, squally	"	"
7. North Wales	SW-W 25-30	"	Cloudy or dull, local rain	bad	rough
8. N.W. England	SW 25-35	"	Dull, squalls, local rain	poor	rough
9. N. Midlands	SW 25-35	"	Dull, squalls, local rain	poor	---
10. N.E. England	SW 25-35	"	Fine to dull, local rain	ord.	Moderate
11. E. Scotland	SW-W 10-15	r. warm	Fine to cloudy	good	slight
12. S.W. Scotland	SW-W 15-20	"	Cloudy or dull, showers	ord.	Moderate
13. Isle of Man	SW-W 15-20	"	" " " locally.	ord.	"
14. N. & N.W. Scotland	W 10-15	Moderate	Cloudy, local mist	"	"
15. Hebrides	W-N 10-20	"	Cloudy some showers	"	"
16. Orkneys and Shetlands	SW-W 20-45	"	Dull, squally, local mist	poor	rough
17. N.W. Ireland	W-NW 20-25	r. cool	Cloudy, showers	fair	r. rough
18. N.E. Ireland	W 10-15	Moderate	Cloudy	mod.	slight
19. S.E. Ireland	W-NW 10-15	"	Cloudy or dull	mod.	slight
20. S.W. Ireland	W-NW 10-20	"	Fine to cloudy, local showers.	v. good	Moderate



**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrow flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**—  
 ○ clear sky. ○ sky & clouded.  
 ⊙ sky & clouded. ⊙ sky & clouded.  
 ⊕ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist.  
 T thunder. R thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough ~~~~~ High ~~~~~

## GENERAL INFERENCE from observations received up to 10 a.m.

Another deep depression is moving eastward off the north of Scotland. In its rear the wind over the British Isles will veer to W or NW, with a reduction of temperature. A cloudy or variable sky is probable, with showers locally.

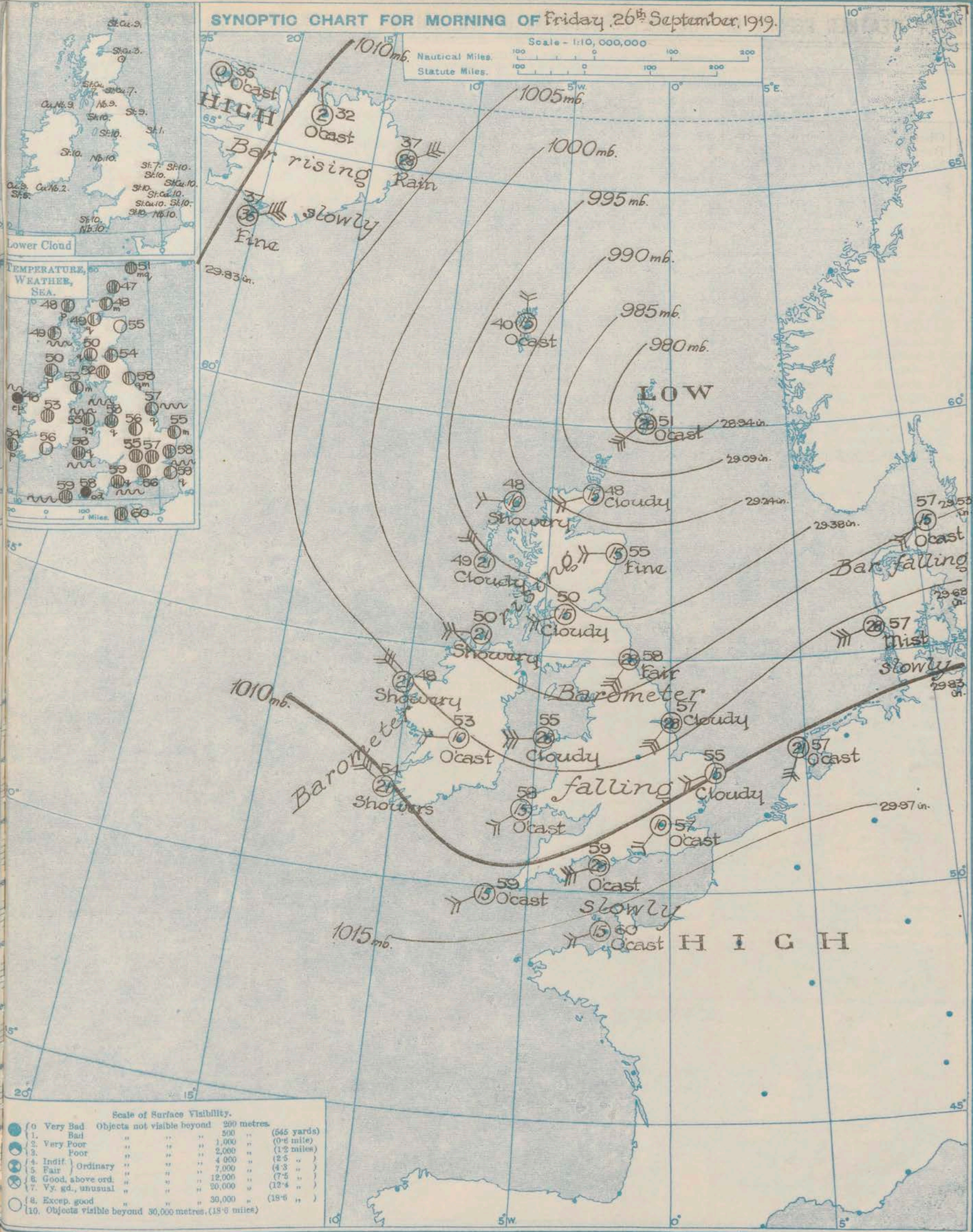
Districts.	Forecasts for the 24 hours commencing 3 p.m. Friday, 26th September, 1919.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind veering to W or NW, moderate or fresh, strong at times locally, squally. Sky cloudy to variable, some local showers. Temperature falling.	The general distribution will probably continue favourable for the advance of further depressions from the Atlantic. Generally unsettled weather is consequently anticipated.
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind W or NW, moderate or fresh, strong locally. Some showers, fair intervals. Colder.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind NW, strong to moderate, changeable, some showers, Colder	



# SYNOPTIC CHART FOR MORNING OF Friday, 26<sup>th</sup> September, 1919.

Scale - 1:10,000,000

Nautical Miles.  
Statute Miles.



## Scale of Surface Visibility.

Symbol	Visibility	Objects not visible beyond	Metres	Yards
1. Very Bad	"	"	200	(220)
2. Very Poor	"	"	500	(545)
3. Poor	"	"	1,000	(1,094)
4. Indif. Ordinary	"	"	2,000	(2,187)
5. Fair	"	"	4,000	(4,374)
6. Good, above ord.	"	"	7,000	(7,656)
7. Vv. gd., unusual	"	"	12,000	(13,120)
8. Excep. good	"	"	20,000	(21,872)
9. Objects visible beyond 30,000 metres	"	"	30,000	(32,808)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 262B

FRIDAY  
26<sup>TH</sup> SEPTEMBER

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR ...25 <sup>TH</sup> ...																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-24h.	Day. 25h-24h.	to 17h. 25h.	Sunrise to Sunset. 24h.			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-24h.	Day. 25h-24h.	to 17h. 25h.	Sunrise to Sunset. 24h.
Scotland.	Oban ... ..	ord	ord	57	55	3	0.2	0.0	0.0	England, N.W.	Douglas (I.O.M.)	bc	bc	62	54	1	-	2.7	0.0
	Banff ... ..	c.o.c	ord.g	57	50	1	1	0.0	0.0		Blackpool ... ..	c	o	63	52	1	-	1.5	0.0
	Montrose ... ..	c.bc	bc	67	53	-	-	5.2	0.0		Southport ... ..	c.bc.c	bc.c.o	64	56	0.2	-	3.5	0.0
	St. Andrews ...	c	-	64	54	-	-	3.4	0.0										
England, N.E.	Harrogate ... ..	c.c.	bc.c	61	42	1	-	4.5	0.1	Midlands.	Buxton ... ..	c.o.c.bc	bc.bc.c	65	50	7	-	8.3	0.7
	Skegness ... ..	bc	bc	67	49	-	-	8.4	4.8		Leamington Spa...	bc	bc	66	48	-	-	6.2	2.8
	Scarborough ...	bc	bc	64	50	-	-	6.2	0.0		Ross-on-Wye ...	c.bc.c	o.bc.c	66	57	-	-	4.6	1.2
England, E.	Felixstowe ... ..	omg	om.bc	67	54	-	-	5.5	6.9	Wales.	Rhyl ... ..	bc	bc	67	52	-	-	9.3	1.0
	Walton-on-Naze...	c	c.bc	67	53	-	-	4.5	5.9		Colwyn Bay ... ..	bc	bc	71	58	-	-	6.6	0.6
	Southend-on-Sea...	c	c.bc	67	53	-	-	4.5	5.9		Llandudno ... ..	bc	bc	65	57	1	-	7.2	0.2
											Aberystwyth ...	c.c	c.o	59	57	bc	bc	0.2	0.5
England, S.E.	Margate ... ..	c	c.bc	65	53	-	-	2.3	6.0	England, S.W.	Weymouth ... ..	c.bc	bc.o	68	57	-	-	2.7	5.0
	Ramsgate ... ..	bc	bc	65	51	-	-	1.4	6.0		Teignmouth ... ..	c.c.bc	bc.c.o	64	55	-	-	1.6	8.5
	Folkestone ... ..	c.d.o	o	63	54	-	-	0.2	6.5		Torquay ... ..	c.c.bc	bc.c	65	54	-	-	1.5	6.8
	Hastings ... ..	o	o	62	56	-	-	0.0	7.0		Paignton ... ..	c.bc	bc.c	65	54	-	-	0.2	7.5
	Eastbourne ... ..	o	o	62	57	-	0.2	0.1	7.2		Penzance ... ..	c.c	o	63	54	0.4	-	0.0	5.5
	Brighton ... ..	o	o	62	57	-	-	0.3	7.8		Newquay ... ..	o	o	60	54	0.4	-	0.0	5.9
	Worthing ... ..	c	c.bc	63	49	-	-	1.5	6.0		Bude ... ..	o	o	62	46	0.1	-	0.6	4.5
	Littlehampton ...	bc	bc	63	50	-	-	2.7	6.5		Ilfracombe ... ..	c.c.o	bc.c	61	51	-	-	0.3	2.3
	Bournemouth ...	bc	bc	67	47	-	-	2.0	6.5		Weston-s-Mare ...	bc.c	bc.c	63	47	-	-	-	-
	Tunbridge Wells ...	o	o	66	51	-	-	2.2	6.5										

SUMMARIES FOR PAST 24 HOURS.											BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.		
STATIONS.	WEATHER				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	RAINFALL.		Sun. Hours.			No.	Limits of Velocity.	
	7h-12h	12h-18h	18h-24h	24h-7h				Dry. 7h-18h	Night. 18h-7h					Statute miles per hour.	Metres per second.
†Houton Bay (Orkney)...	p2.c.o	q12		tp.	51	46	*	*	*	*		0	Less than 1	Less than 0.3	
Eskdalemuir ...	omg, adm	odmg	omq	omc	58	51	50	3	16	0.0	b	1	1-5	0.3-1.5	
†Stranraer ...	c.op.	c.o.c.o	cq	op.	64	51	*	*	*	*	d	2	4-7	1.6-3.3	
†Lough Foyle ...	q1	r1		tp.	59	49	*	*	*	*	e	3	8-12	5.4-5.4	
Valencia (Cahirveen) ...	c.o.c	c.o	o.od.	cp.	62	54	51	-	2	3.0	f	4	13-18	5.5-7.9	
†Anglesey (Llangefni) ...	o.bc.c	c.oy	c.oy	or.	62	51	*	*	*	*	g	5	19-24	8.0-10.7	
Falmouth ...	o		o	o.od.	61	56	54	-	-	0.0	h	6	25-31	10.8-13.8	
†Calshot (Hants) ...	c.o	b.bc	pd.	r.	66	42	*	*	*	*	i	7	32-38	13.9-17.1	
†Capel (Folkestone)...	c.opd.	cc	c.o	pd.o	61	51	*	*	*	*	j	8	39-46	17.2-20.7	
Aberdeen ...	o2.o.c	c.o.c.bc	bc.bq.		65	55	50	-	-	0.9	k	9	47-54	20.8-24.4	
†East Fortune ...	c.oy	c.oy	b.bcq	pq	63	52	*	*	*	*	l	10	55-63	24.5-28.4	
†Flamborough Head ...	bc.c	b.bcq	bq	b.bc	64	44	*	*	*	*	m	11	64-75	28.5-33.5	
†Felixstowe ...	c.oy	bc.cq.	c.oy	aq	64	52	*	*	*	*	n	12	Above 75	33.6 or above	
†Cranwell (Lincs) ...	bc.c.b.c	bc.c.b.c	b.bc.b.c	b.b.c.	64	54	*	*	*	*	o				
†Bedford ...	2q	omq	b.bcq	om.g	64	54	52	-	-	*	p				
Benson ...	o	o	o	o	66	54	54	-	-	1.4	q				
London (Kew Obs.) ...	o.c.	c.o	o	o	66	54	54	-	-	1.4	r				

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.
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.

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 2=heavy. Underlining is used to express continuity.		
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.				
WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %									
Morning	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.								
24 HOURS ENDED 9H G.M.T. ... 26 <sup>TH</sup>							YESTERDAY.	TO-DAY.									
Greenwich (Royal Observatory)	O.C.	C.O	O	70	56	52.	-	4.4	63	79	Vertical Component of Solar Radiation per Square Centimetre during yesterday.		Stations.		Sunrise.	Noon.	Sunset.
City (Bunhill Row) ...	*	*	*	69	57	54	*	3.4	65	76			G.M.T.		G.M.T.	G.M.T.	
Westminster (St. James's Park)	*	*	*	69	57	*	-	3.4	73	84	Yarmouth ... {		5.46		11.44	5.42	
(Admiralty Arch)	omg	omg	omg	69	57	*	-	3.4	73	84	Greenwich {		5.48		11.44	5.40	
Camden Sq. (British Rainfall)	O.C.	bc.c.	*	71	56	53	-	3.8	65	76	Wick ... {		5.52		11.51	5.49	
Kensington Palace ...	bc.	C.O	*	68	57	53	-	*	76 (86)	81	Valencia ... {		5.55		11.51	5.47	
										Total ... 66.4 ... Joules.		Wick ... {		6.6		12.3	6.0
										Average Rate. 15.4.		Valencia ... {		6.9		12.3	5.57
										Maximum Rate. 63.		Valencia ... {		6.34		12.32	6.30
												Valencia ... {		6.36		12.32	6.28





METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.

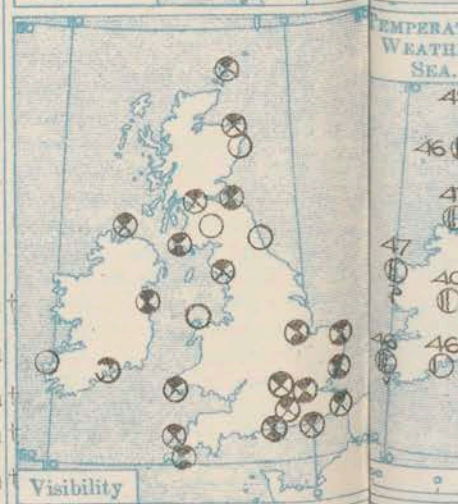
No 25128B SATURDAY, 27<sup>TH</sup> SEPTEMBER 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H.																																					
STATIONS.	BAROM. at M.S.L.	† Change in 3 hours.	WIND.	Weather.	TEMP.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.	Upper Cloud.	Sea.	BAROM. at M.S.L.	† Change in 3 hours.	WIND.	Weather.	TEMP.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.	Upper Cloud.	Sea.															
	m.b.		Force 0-12.		°F.	%	0-10.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.	m.b.			Force 0-12.	°F.	%	0-10.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.											
13H. G.M.T. 26 <sup>TH</sup>														19H. G.M.T. OF 26 <sup>TH</sup>																							
†Houton B. (Orkney)	991.6	+5	N	4	052	44	98	0	1-1500	Nb	10	-	-	4	997.7	+9	MMW	5	q	42	92	4	2-3000	CuNb	6	m	-	-	-								
Eskdalemuir ...	999.9	+3	W	6	bc	48	75	8	3-4000	CuNb	2	acw	2	*	1000.9	0	W	5	q	44	82	7	-	Nb	6	Cu	1	*	*								
†Stranraer ...	1001.7	0	W	9	c	49	82	7	1 1/2-2000	Cu	6	-	-	*	1003.9	+2	MMW	7	T2.5	48	98	2	1 1/2-2000	Nb	10	-	-	-	*								
†Lough Foyle ...	1003.2	+2	W	6	q	53	98	8	1 1/2-2000	St	6	-	-	-	1008.2	+4	MMW	8	T2.9	47	92	4	2-3000	Nb	8	-	-	-	5								
Valencia (Cahice'n)	1015.0	+4	MMW	5	bc	56	65	8	3-4000	Cu	4	-	-	4	1016.3	+1	MMW	4	c	54	65	8	2-3000	Nb	5	acw	3	-	-								
†Anglesey (Llangefn)	1007.1	+5	MMW	5	bc	55	75	8	1 1/2-2000	St	5	-	-	7	1009.3	+4	W	3	c	52	65	8	1 1/2-2000	Nb	7	-	-	-	5								
Falmouth ...	1013.4	+1	MMW	4	od	58	92	4	-	Nb	10	-	-	*	1015.0	+2	MMW	2	c	54	75	7	-	St	6	Cu	2	-	-								
†Calshot (Hants) ...	1010.7	-1	SW	5	0	62	87	6	1 1/2-2000	St	10	-	-	5	1011.7	0	MMW	2	b	57	82	6	4-5000	St	1	asr	2	3	*								
†Capel (Folkestone)	1011.1	-3	SW	7	0	58	92	7	1 1/2-2000	St	10	-	-	6	1010.2	0	W	7	T2	56	98	1	4-500	Nb	10	-	-	-	5								
Aberdeen ...	993.7	+1	WSW	5	b	56	45	8	-	Cu	2	-	-	3	997.6	+6	W	5	T1	43	92	7	-	Nb	10	-	-	-	3								
†East Fortune ...	996.8	+2	MMW	4	q	52	75	5	3-4000	CuNb	6	-	2	*	998.2	+10	W	3	c	49	75	5	3-4000	CuNb	7	-	-	-	*								
†Flemborough Hd	1000.1	0	W	7	c	58	65	8	1-1500	St	7	-	-	*	1003.1	+5	W	5	b	50	65	7	2-3000	St	1	asr	2	-	*								
†Felixstowe ...	1008.6	-3	W	5	0	61	92	4	1 1/2-2000	St	10	-	-	5	1009.1	+3	MMW	2	0	56	98	4	1 1/2-2000	St	5	-	-	-	4								
†Cranwell (Lincs)	1004.1	+2	SW	2	0	57	98	7	2-3000	CuNb	6	asr	2	*	1007.8	+4	W	1	bc	48	75	7	2-3000	St	2	asr	3	-	*								
†Bedford ...	1006.4	-2	SW	4	d	61	82	8	3-4000	St	10	-	-	*	1009.6	+4	W	2	0	56	65	5	4-5000	St	10	-	-	-	*								
Benson ...	1006.9	-3	SW	4	d	60	92	6	-	-	-	-	-	*	1010.2	+2	W	3	bc	55	65	8	-	-	-	-	-	5	*								
London (Kew Obs.)	1008.4	-3	SW	5	0	62	75	7	-	St	10	-	-	*	1010.3	+3	SW	2	Cu	57	92	5	-	Nb	6	acw	2	-	*								
1H. G.M.T. OF 27 <sup>TH</sup>														7H. G.M.T. OF 27 <sup>TH</sup>																							
†Houton B. (Orkney)	?	+3	?	7	T1.9	41	87	5	1-1500	CuNb	8	-	-	4	1007.0	+4	MMW	7	C	40	75	7	1 1/2-2000	Cu	6	fa. Cu	2	6	*								
Eskdalemuir ...	1010.3	+6	MMW	4	b	39	82	8	-	-	-	-	-	*	1010.2	+4	SE	1	bc	37	82	8	-	-	-	-	-	1	*								
†Stranraer ...	?	?	?	?	?	?	?	?	?	?	?	?	?	*	1010.4	+2	W	3	bc	43	97	5	1-1000	St	3	-	-	-	*								
†Lough Foyle ...	?	?	?	?	?	?	?	?	?	?	?	?	?	*	?	+2	MMW	4	C	46	92	7	2-3000	Cu	7	-	-	-	*								
Valencia (Cahice'n)	1019.1	+1	MMW	2	bc	52	*	*	*	*	*	*	*	*	1019.5	+1	NE	1	ov	46	84	10	-	Cu	5	St	3	3	*								
†Anglesey (Llangefn)	?	?	?	?	?	?	?	?	?	?	?	?	?	*	1016.4	+3	MMW	1	0	42	92	8	1 1/2-2000	Cu	4	Ci	5	3	*								
Falmouth ...	1016.8	-0	MMW	3	c	52	75	5	-	CuNb	8	-	-	*	1017.4	+1	-	0	cm	46	87	5	-	St	9	-	-	-	*								
†Calshot (Hants) ...	1017.4	-1	W	1	0	51	87	6	2-3000	St	10	-	-	3	1016.6	-1	W	2	0	49	85	4	1-1500	Cu	7	-	-	-	4								
†Capel (Folkestone)	1013.6	+3	W	2	0	47	87	8	1 1/2-2000	St	10	-	-	3	1015.0	+1	MMW	3	0	46	92	7	4-5000	St	8	-	-	-	4								
Aberdeen ...	1000.5	+4	MMW	2	T2.5	44	75	4	1-1500	Nb	10	-	-	*	1010.5	+6	MMW	4	b	42	75	8	-	-	-	-	-	-	2								
†East Fortune ...	1008.4	+6	WSW	2	b	42	87	-	-	-	-	-	-	*	1012.9	+4	SW	3	b	42	75	5	-	-	-	-	-	-	*								
†Flemborough Hd	?	?	?	?	?	?	?	?	?	?	?	?	?	*	?	?	?	?	?	?	?	?	?	?	?	?	?	?	*								
†Felixstowe ...	1012.8	+2	SW	3	c	52	75	5	-	St	6	-	-	4	1015.2	+3	MMW	3	b	46	92	5	-	-	-	-	-	-	4								
†Cranwell (Lincs)	1011.3	+2	W	2	bc	46	92	7	2-3000	St	5	-	-	*	1014.8	+5	W	1	bc	42	92	5	4-5000	St	2	asr	3	-	*								
†Bedford ...	1012.6	+2	WSW	2	cm	47	82	4	3-4000	St	10	-	-	*	1015.2	+2	WSW	2	bc	44	87	?	2-3000	-	-	-	-	-	2	*							
Benson ...	?	?	?	?	?	?	?	?	?	?	?	?	?	*	1015.2	+3	-	0	b	45	97	6	-	-	-	-	-	-	3	*							
London ...	1012.5	+2	SW	2	b	51	*	*	*	*	*	*	*	*	1016.9	+2	MMW	1	bc	44	84	5	-	St	2	Ci	1	-	*								
(M.O. at 1H.)																																					
STATIONS CONTRIBUTING REPORTS AT 7H AND 19H.																																					
STATIONS.	BAROM. at M.S.L.	TEMP.	WIND.	Weather.	BAROMETER.	TEMPERATURE.	WIND.	Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.																				
	m.b.	°F.	Force 0-12.		at M.S.L. m.b.	Change in 3 hours.	Temp. °F.					Change in 24 hours.	Dirac.	Force 0-12.	Max. °F.	Min. °F.		Morning.	Afternoon.	Night.																	
19H. G.M.T. OF 26 <sup>TH</sup>																		7H. G.M.T. OF 27 <sup>TH</sup>										24 HOURS ENDED 7H. 27 <sup>TH</sup>									
Lerwick ...	993.7	44	MMW	7	0	1004.1	45	-10	NW	4	NW	bc	4	1	56	40	ompy	ompy	ompy	*																	
Stornoway ...	1002.5	45	MMW	5	bc	1014.2	44	-6	N	3	-	bc	2	5	52	42	bc. op	bc. op	bc. op	4.4																	
Castlebay (Barrats)	1006.4	47	MMW	5	bc	1015.6	44	-3	MMW	3	-	bc	3	2	52	44	chp. cp	c. op. bc	bc. bc.	3.9																	
Glasgow ...	1009.0	47	WSW	4	c	1014.0	44	-10	-	0	bc	6	1	57	40	c. adp. c	cp	c. bc. bc.	4.5																		
Malin Head ...	1005.9	50	MMW	6	bc	1014.5	42	-7	MMW	3	W	bc	3	1	47	47	cp	bc. op	bc	6.2																	
Blackod Point	1013.0	52	MMW	3	bc	1013.6	43	-7	MMW	2	-	bc	3	2	55	46	cp.	bc.	bc. bc.	*																	
Roche's Point...	1015.3	53	MMW	3	c	1018.8	0	-10	MMW	2	NW	b	1	0.2	59	45	b. bc	b. bc. c	c. bc.	1017.4																	
Birr Castle ...	1012.7	48	W	2	c	1018.0	*	-13	W	1	W	bc	*	-	57	39	c	c	c. bc	9.0																	
Donaghadee ...	1006.5	49	WSW	7	cm	1015.8	43	-12	W	3	W	bc	3	2	55	40	bc. op	cp	bc. op.	*																	
Liverpool (Bidston)	1007.0	52	W	5	c	1015.0	43	-11	MMW	3	NW	0	5	3	58	46	py	bc	bc. bc.	5.0																	
Holyhead ...	1009.2	52	MMW	7	bc	1015.7	41	-5	MMW	4	N	c	4	0.2	58	49	cp. bc. op	bc. op	bc. op	6.8																	
Pembroke (St. Ann's Head)	1013.0	55	W	4																																	



# SUMMARY OF CONDITIONS AT 7 A.M. Saturday, 27th September, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	W-N 2-10	Cool	Fine to cloudy	good	slight
2. E. England	W-NW 2-10	"	Fine	ord.	slight
3. E. Midlands	W-NW 2-10	"	Fine	fair	---
4. W. Midlands	W-NW 2-10	"	Fine	fair	---
5. S.W. England	N-NE 2-7	r. cool	Fair to dull	good	slight
6. South Wales	NW-N 2-7	Cool	Fine	good	slight
7. North Wales	NW 5-15	"	Cloudy	v. good	mod.
8. N.W. England	NW 5-10	"	Cloudy or dull	good	slight
9. N. Midlands	W-NW 5-10	"	Cloudy or dull	good	---
10. N.E. England	W-NW 5-20	"	Fair to fine	v. good	mod.
11. E. Scotland	SW-NW 5-15	"	Fine	v. good	smooth
12. S.W. Scotland	W-NW 0-10	"	Fair or fine	fair	slight
13. Isle of Man	W-NW 5-10	"	Fair or fine	fair	slight
14. N. & N.W. Scotland	NW 10-15	"	Fair but local showers	good	mod.
15. Hebrides	N 10-15	"	Fair	good	slight
16. Orkneys and Shetlands	NW 15-30	"	Fair	var.	rough
17. N.W. Ireland	NW 5-10	"	Fair local showers	good	slight
18. N.E. Ireland	NW 5-10	"	Fair or fine	good	slight
19. S.E. Ireland	W-NW 2-7	"	Fair or fine	ord.	slight
20. S.W. Ireland	NW NE 2-7	"	Cloudy	v. good	slight



**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**—  
 ○ clear sky. ○ sky + clouded.  
 ⊙ sky + clouded. ⊙ sky + clouded.  
 ⊕ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist.  
 T thunder. F thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough High

GENERAL INFERENCE from observations received up to 10 a.m.

The recent depression has moved away to Scandinavia and as there are no indications of the approach of any other disturbance it is probable that the general state of the weather will be fair for the time.

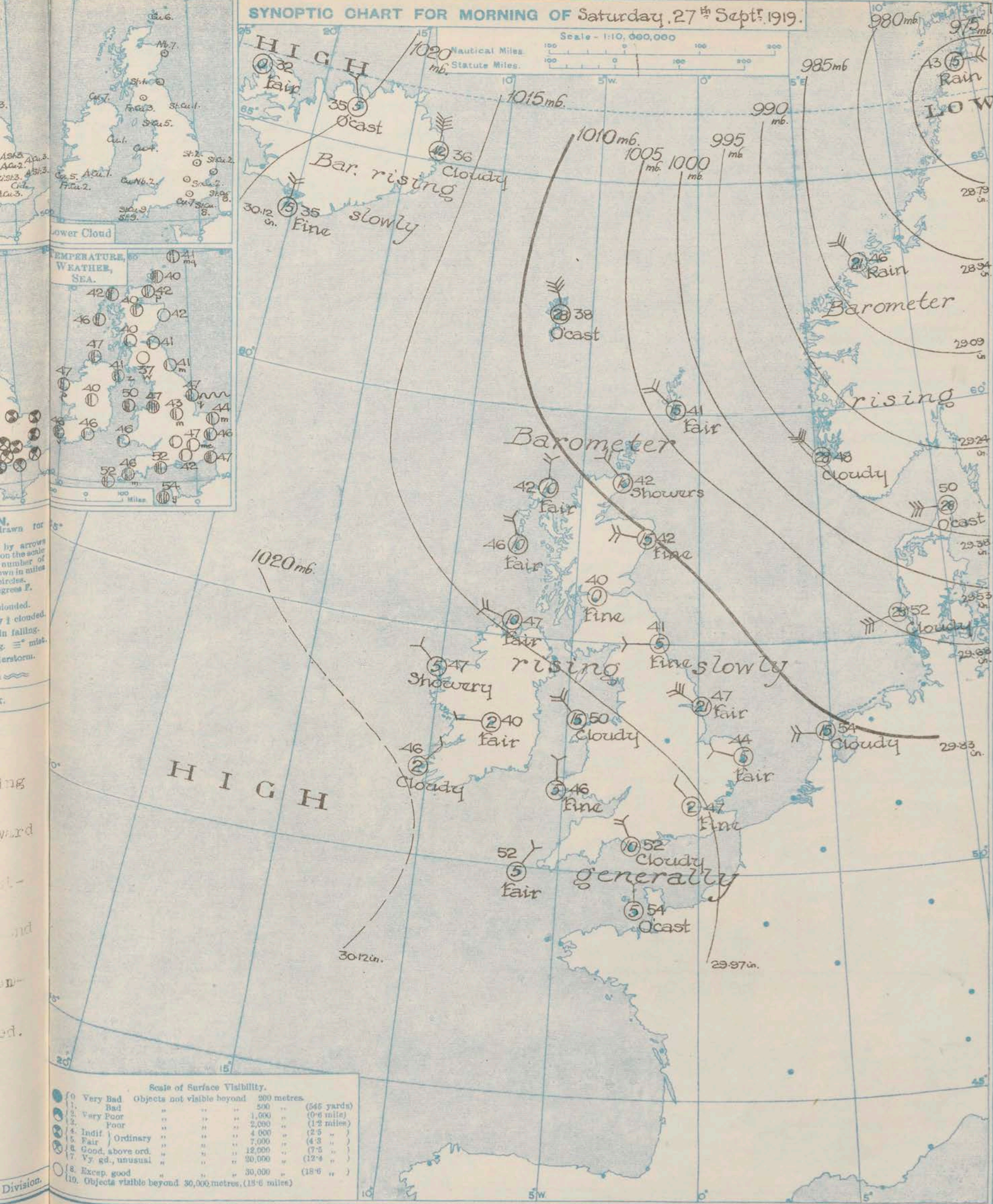
Districts.	Forecasts for the 24 hours commencing 3 p.m. Saturday, 27th September, 1919	Further Outlook.
1. S.E. England	Wind between NW and NE, light. Fair or fine generally. Temperature rather low. Slight local frost in night. Mist or fog early morning.	Wind shifting to the westward or southward and then in and weather becoming unsettled.
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 NW'ly, light or moderate. Fair generally, local showers. Cold. Slight local frost in night.	
12. S.W. Scotland		
13. Isle of Man		
14. N. & N.W. Scotland		
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland	Wind between W and N, light. Fair generally. Cold. Slight local frost in night, mist or fog early morning.	
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		



# SYNOPTIC CHART FOR MORNING OF Saturday, 27<sup>th</sup> Sept. 1919.

Scale - 1:10,000,000

Nautical Miles  
Statute Miles.





# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 269.B

SATURDAY  
27<sup>th</sup> SEPTEMBER

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-24h.	Day. 25h-26h.	to 17h.	Sunrise to Sun- set.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-24h.	Day. 25h-26h.	to 17h.	Sunrise to Sun- set.
Scotland.	Oban ... ..	to.	bc.o	52	47	6	1	4.9	0.0	England, N.W.	Douglas (I.O.M.)	bc	bc	56	48	6	2	6.8	2.7
	Banff ... ..	bc	or	55	50	0.2	4	6.5	0.0		Blackpool ... ..	to. bc	bc	58	44	6	1	6.2	1.5
	Montrose ... ..	bc	bc	56	51	2	-	7.9	5.2		Southport ... ..	c.bc.c	c.or.bc	57	?	-	5	6.0	3.5
	St. Andrews ... ..	bc	bc	56	49	3	-	8.0	3.4										
England, N.E.	Harrogate ... ..	o.c.bc	bc.b	58	49	0.3	0.3	6.0	4.5	Midlands.	Buxton ... ..	cr.or.c	c.c.c.bc	64	50	6	0.3	1.8	8.4
	Skegness ... ..	bc.o.cp	u.bc	63	52	-	2	3.7	8.4		Leamington Spa ... ..	c.b	c.br.c	61	55	-	3	2.6	6.2
	Scarborough ... ..	bc	bc	66	55	0.2	-	5.8	6.2		Ross-on-Wye ... ..	o.c.d.p.p.p	bc.q.v.c.y	62	55	-	1	3.0	4.6
England, E.	Felixstowe ... ..	bc.o.p	o.p	61	54	-	3	0.6	5.5	Wales.	Rhyl ... ..	bc.p.c	bc	58	52	2	1	5.7	9.3
	Walton-on-Naze ... ..	bc.o.c	or	61	55	-	3	0.3	4.5		Colwyn Bay ... ..	bc	bc	60	53	1	1	3.6	6.8
	Southend-on-Sea ... ..	bc.o.c	or	61	55	-	3	0.3	4.5		Llandudno ... ..	c.b.p	c.b	63	53	2	1	6.3	7.4
											Aberystwyth ... ..	to.c	b.bc	59	57	bc	bc	5.0	0.2
England, S.E.	Margate ... ..	bc.c	c.o	63	56	-	-	1.4	2.3	England, S.W.	Weymouth ... ..	o	o.p.c.b	64	57	-	3	0.0	2.7
	Ramsgate ... ..	bc	bc	65	55	-	-	0.3	1.4		Teignmouth ... ..	o.d.p	bc	61	57	-	-	1.5	-
	Folkestone ... ..	o.c.d.o	o.d	61	57	-	-	0.0	0.2		Torquay ... ..	o.d.o	o.c.b	60	57	-	0.2	1.3	1.6
	Hastings ... ..	o	or	62	57	-	0.4	0.0	0.0		Paignton ... ..	o.p.d.q	b.bc	60	56	-	0.2	1.3	0.2
	Eastbourne ... ..	o.c	or	62	48	-	0.2	0.1	0.1		Penzance ... ..	o.d.r	c.p.r.bc	61	?	-	4	2.0	0.2
	Brighton ... ..	o	or	61	58	-	0.4	0.0	0.2		Newquay ... ..	r	o.b	60	55	-	4	1.4	0.0
	Worthing ... ..	o	or	61	58	-	0.2	0.0	1.5		Bude ... ..	x.o.d.r	bc	62	57	0.2	2	3.2	0.0
	Littlehampton ... ..	o	or	61	56	-	2	0.0	3.7		Ilfracombe ... ..	or	o.c.bc	61	57	0.3	4	3.4	0.0
	Bournemouth ... ..	bc	bc	67	57	-	0.3	0.2	2.0		Weston-s-Mare ... ..	or.c	bc.b	61	55	-	1	3.0	0.3
	Tonbridge Wells ... ..	o	o.c.o	60	54	-	1	0.0	2.2										

STATIONS.	SUMMARIES FOR LAST 24 HOURS.										BEAUFORT NOTATION.	THE BEAUFORT SCALE OF WIND FORCE.		
	WEATHER				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	RAINFALL.		Sun. Hours.		No.	Limits of Velocity.	
	7h-18h.	18h-24h.	24h-25h.	25h-26h.				Day. 7h-18h.	Night. 18h-7h.				Statute miles per hour.	Metres per second.
†Houton Bay (Orkney)...	o. bc	o. bc	o. bc	o. bc	54	37	*	*	*	*	0	Less than 1	Less than 0.8	
Eskdalemuir ...	bc. o. cp	bc. o. cp	bc. o. cp	bc. o. cp	52	36	30	4	0.1	2.8	1	1-3	0.3-1.5	
†Stranraer ...	o. bc	o. bc	o. bc	o. bc	54	49	*	*	*	*	2	4-7	1.6-3.3	
†Lough Foyle ...	o. bc	o. bc	o. bc	o. bc	59	45	*	*	*	*	3	8-12	3.4-5.4	
Valencia (Cahirveen) ...	o. bc	o. bc	o. bc	o. bc	56	44	40	-	-	8.0	4	13-18	5.5-7.9	
†Anglesey (Llangefni) ...	o. bc	o. bc	o. bc	o. bc	62	40	*	*	*	*	5	19-24	8.0-10.7	
Falmouth ...	o. bc	o. bc	o. bc	o. bc	61	45	36	4	-	1.4	6	25-31	10.8-13.8	
†Calshot (Hants) ...	o. bc	o. bc	o. bc	o. bc	66	47	*	*	*	*	7	32-38	13.9-17.1	
†Capel (Folkestone)...	o. bc	o. bc	o. bc	o. bc	60	46	*	*	*	*	8	39-46	17.2-20.7	
Aberdeen ...	o. bc	o. bc	o. bc	o. bc	56	41	36	2	1	6.5	9	47-54	20.8-24.4	
†East Fortune ...	o. bc	o. bc	o. bc	o. bc	63	39	*	*	*	*	10	55-63	24.5-28.4	
†Flamborough Head.	o. bc	o. bc	o. bc	o. bc	?	48	*	*	*	*	11	64-75	28.5-33.5	
†Felixstowe ...	o. bc	o. bc	o. bc	o. bc	?	43	*	*	*	*	12	Above 76	33.6 or above	
†Cranwell (Lines) ...	o. bc	o. bc	o. bc	o. bc	62	38	*	*	*	*	Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0 = slight, 2 = heavy. Underlining is used to express continuity.			
†Bedford ...	o. bc	o. bc	o. bc	o. bc	61	44	30	1	-	*	SYMBOLS—			
Benson ...	o. bc	o. bc	o. bc	o. bc	61	44	30	1	-	*	Aurora ☄ Solar halo ☉			
London (Kew Obsy.) ...	o. bc	o. bc	o. bc	o. bc	62	46	33	-	-	0.1	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.			
Morning		WEATHER.		Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. inches.	Sun- shine to Sunset. Hours.	Humidity %		Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Stations.	Sunrise.	Noon.	Sunset.		
		Afternoon.	Night.	° F.	° F.	° F.	inches.	15 h. G.M.T.	9 h. G.M.T.								
24 HOURS ENDED 9H G.M.T. .... 27 <sup>th</sup>								YESTERDAY.	TODAY.	27 <sup>th</sup> 122 <sup>nd</sup> SEPTEMBER 1919.							
Greenwich (Royal Observatory)	o	o.c.r.	o.c.b	63	46	38	3	0.0	91	66	Total..... 264 ..... Joules.  Average Rate. 6.1 Maximum Rate. 28.  Milliwatts.	Yarmouth... { Greenwich { Wick ... { Valencia ... {	G.M.T. G.M.T. G.M.T. G.M.T.	5.48 5.49 5.55 5.56 6.9 6.11 6.36 6.37	11.44 11.44 11.51 11.51 12.3 12.3 12.32 12.32	5.40 5.38 5.47 5.45 5.57 5.54 6.28 6.22	
City (Bunhill Row) ... ..	*	*	*	*	*	*	*	0.2	92	67							
Westminster (St. James's Park)	*	*	*	62	45	37	3	0.1	93	67							
" (Admiralty Arch	omq	opg.c.	b.c.p.b.c.b	63	47	*	3	0.1	91	64							
Camden Sq. (British Rainfall)	o	o.or	*	62	43	41	3	0.0	100	74							
Kensington Palace ... ..	o	cp	*	62	48	35	3	*	95 (100)	68							

## NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose to 60° or a little higher over a large portion of England. The minimum readings of the night were lower than of late. Rain fell at nearly all stations; as a rule the quantity was moderate or slight, but at Wick it was 1.4 ins. Bright sunshine was more prevalent in the west and north than elsewhere. In the south the records were slight.





METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.

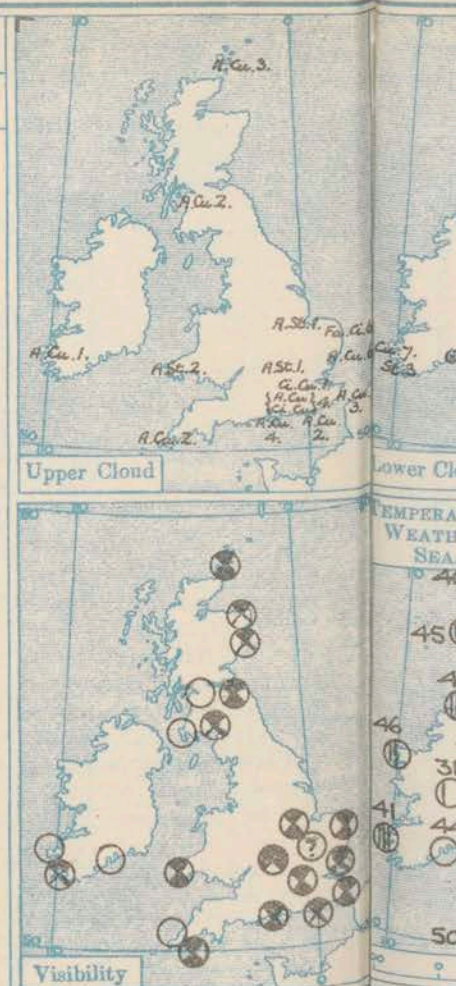
No. 21, 129 B SUNDAY 28<sup>TH</sup> SEPTEMBER 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 12H.																												
STATIONS	BAROM.	Change	WIND.		Weather.	TEMP.	HUMIDITY.	Visibility.	Height of Low Cloud.	Low Cloud.	Upper Cloud.	Sea.	BAROM.	Change	WIND.		Weather.	TEMP.	HUMIDITY.	Visibility.	Height of Low Cloud.	Low Cloud.	Upper Cloud.	Sea.				
	at M.S.L.	in 3 hours.	Dir.	Force 0-12.		°F.	%	0-10.	Feet.	Form.	Amt. 0-10.	0-9.	at M.S.L.	in 3 hours.	Dir.	Force 0-12.		%	0-10.	Feet.	Form.	Amt. 0-10.	0-9.					
	m.b.													m.b.														
12H. G.M.T. of 27 <sup>TH</sup>														12H. G.M.T. OF 27 <sup>TH</sup>														
†Houton B. (Orkney)	1010.5	+2	NW	3	bc	43	75	6	34000	Str	5	ast	3	6	1016.5	+9	NW	6	bc	41	82	5	142000	Str	9	-	-	5
Eskdalemuir	1015.7	+1	NW	3	bc	51	55	8	-	Cu	4	-	-	*	1017.4	+1	NW	3	b	41	75	7	-	Cu	3	-	-	*
†Stranraer	1017.1	+2	NW	2	v	52	87	8	122000	Cu	5	-	-	*	1018.5	0	-	0	v	48	98	1	34000	Cu	3	-	-	*
†Lough Foyle	1019.1	+2	N	3	bc	45	92	6	23000	Str	6	-	-	3	1020.2	+4	N	2	bc	48	75	3	23000	Cu	5	-	-	3
Valencia (Cahice'n)	1021.5	+1	NW	4	bc	53	65	-	34000	Cu	4	-	-	4	1022.4	+1	N	4	c	50	65	-	34000	Str	8	-	-	3
†Anglesey (Llangefnau)	1017.5	-1	N	4	bc	58	45	7	-	Cu	2	ast	2	*	1017.4	0	N	3	b	51	65	8	-	Str	1	-	-	*
Falmouth	1017.0	0	-	0	0	56	75	6	45000	Cu	5	ast	5	3	1017.3	0	NNE	1	0	44	92	5	23000	Str	10	-	-	3
†Calshot (Hants)	1016.5	+1	NW	1	0	51	82	5	57000	Str	9	-	-	3	1016.2	0	-	0	v	46	92	8	45000	Str	7	ast	2	2
†Capel (Folkestone)	1016.5	+1	NW	1	0	51	82	5	57000	Str	9	-	-	3	1016.2	0	-	0	v	46	92	8	45000	Str	7	ast	2	2
Aberdeen	1014.0	+3	WNW	5	b	48	65	8	11500	Cu	2	-	-	3	1016.0	+3	WNW	4	b	42	75	8	-	Cu	1	-	-	3
†East Fortune	1015.4	+2	WNW	1	bc	53	65	7	34000	Str	5	-	-	*	1016.4	+2	WNW	1	b	47	75	8	34000	Str	1	-	-	*
†Flamborough (Dorset)	1015.5	+3	N	2	bc	51	65	7	23000	Str	5	-	-	*	1016.7	0	NNE	1	c	49	87	5	45000	Str	2	ast	6	3
†Felixstowe	1016.6	0	WNW	1	c	56	65	6	23000	Str	1	ast	7	3	1017.0	+1	-	0	bc	47	87	7	23000	Str	3	ast	2	*
†Cranwell (Lincs)	1016.3	+2	N	1	b	53	65	7	45000	Str	1	ast	1	*	1015.9	0	NW	1	bc	47	75	8	23000	Str	3	70	3	*
†Bedford	1015.9	0	NW	1	2	56	55	5	56000	Str	5	-	-	*	1016.2	0	-	0	b	46	87	5	-	-	-	-	*	
Benson	1016.0	0	N	2	c	53	65	6	-	-	-	-	-	*	1015.8	0	-	0	b	52	75	5	-	Str	1	ast	1	*
London (Kew Obs.)	1016.2	0	N	2	c	55	55	7	-	Cu	1	ast	7	*	1015.8	0	-	0	b	52	75	5	-	Str	1	ast	1	*
1H. G.M.T. OF 28 <sup>TH</sup>														7H. G.M.T. OF 28 <sup>TH</sup>														
†Houton B. (Orkney)	1016.0	+2	WNW	5	bc	38	87	5	122000	Cu	6	ast	3	3	1016.4	+3	NW	2	bc	37	87	4	11500	Str	5	ast	3	1
Eskdalemuir	1019.8	+1	-	0	b	33	82	7	-	-	-	-	-	*	1021.7	+2	-	0	bc	30	87	7	-	-	-	-	*	
†Stranraer	1019.8	+1	-	0	b	33	82	7	-	-	-	-	-	*	1021.7	+2	-	0	bc	30	87	7	-	-	-	-	*	
†Lough Foyle	1024.5	+3	NW	5	bc	49	87	5	-	-	-	-	-	*	1026.2	+1	NNE	2	c	41	92	10	23000	Cu	7	ast	1	3
Valencia (Cahice'n)	1024.5	+3	NW	5	bc	49	87	5	-	-	-	-	-	*	1026.2	+1	NNE	2	c	41	92	10	23000	Cu	7	ast	1	3
†Anglesey (Llangefnau)	1018.3	+1	N	1	bc	47	75	8	11500	Str	10	-	-	3	1019.6	+2	N	3	cp	43	92	5	-	Cu	8	-	-	*
Falmouth	1018.9	-0	N	2	b	46	82	5	-	Str	1	-	-	*	1019.6	+2	N	3	cp	43	92	5	-	Cu	8	-	-	*
†Calshot (Hants)	1017.0	0	NNE	1	c	45	87	6	122000	Str	10	-	-	4	1019.6	+2	N	3	cp	43	92	5	-	Cu	8	-	-	*
†Capel (Folkestone)	1015.4	-2	NNE	2	v	46	87	8	34000	Str	5	-	-	3	1019.6	+2	N	3	cp	43	92	5	-	Cu	8	-	-	*
Aberdeen	1016.6	+1	NW	1	bc	37	98	6	23000	Str	5	-	-	*	1019.6	+2	WNW	2	b	38	87	7	-	-	-	-	-	2
†East Fortune	1018.7	+2	S	1	b	39	82	-	-	-	-	-	-	*	1019.6	+2	WNW	2	b	38	87	7	-	-	-	-	-	2
†Flamborough (Dorset)	1018.0	0	NW	2	b	41	75	7	-	-	-	-	-	*	1019.6	+2	WNW	2	b	38	87	7	-	-	-	-	-	2
†Felixstowe	1017.3	0	?	2	b	44	92	5	-	-	-	-	-	3	1019.6	+2	NNE	3	c	45	87	6	-	Str	2	ast	6	3
†Cranwell (Lincs)	1018.7	0	-	0	b	36	98	6	23000	Str	1	-	-	*	1019.6	+2	N	1	b	35	97	4	-	-	-	-	-	2
†Bedford	1017.8	0	W	1	b	35	98	-	23000	Str	1	-	-	*	1019.6	+2	N	1	b	35	97	4	-	-	-	-	-	2
Benson	1016.9	0	?	?	?	?	?	?	?	?	?	?	?	*	1019.6	+2	NNE	2	bc	42	92	5	-	Str	4	ast	1	*
London (Kew Obs.)	1016.9	0	-	0	b	46	87	8	34000	Str	5	-	-	3	1019.6	+2	NNE	2	bc	42	92	5	-	Str	4	ast	1	*
STATIONS CONTRIBUTING REPORTS AT 7H AND 12H.																												
STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.	TEMPERATURE.	WIND.		Dir.	Force 0-12.	Upper Cloud.	Weather.	Sea.	Rainfall.	TEMP.		WEATHER.			Sunshine.							
	at M.S.L.	°F.	Dir.	Force 0-12.		at M.S.L.	°F.	Dir.	Force 0-12.							Max. °F.	Min. °F.	Morning.	Afternoon.	Night.								
	m.b.						m.b.																					
12H. G.M.T. OF 27 <sup>TH</sup>														7H. G.M.T. OF 28 <sup>TH</sup>														
Lerwick	1009.8	43	WNW	3	comp	1014.6	+2	41	0	NW	2	-	bc	2	2	53	37	comp	comp	bc	*							
Stornoway	1017.1	43	NW	3	bc	1019.9	+1	40	-2	NW	1	-	bc	1	3	46	35	bc	bc	bc	6.1							
Castlebay (Barra Is)	1019.3	45	WNW	2	b	1020.7	0	45	-1	WNW	1	-	0	1	5	53	42	bc	bc	bc	9.1							
Glasgow	1017.7	45	NW	2	bc	1021.6	+2	35	-5	SW	1	NW	c	*	-	53	37	bc	bc	bc	10.7							
Malin Head	1019.2	47	NW	3	bc	1021.0	0	48	4	NW	3	W	bc	2	-	57	47	bc	bc	bc	7.7							
Blackhead Point	1021.3	48	N	2	bc	1023.4	0	46	-1	WNW	1	-	bc	2	1	53	41	bc	bc	bc	*							
Roche's Point	1020.5	52	N	4	bc	1024.2	0	44	-2	NW	3	-	b	2	-	59	42	bc	bc	bc	*							
Birr Castle	1020.3	46	NW	1	c	1024.4	0	31	-9	SE	1	N	b	*	-	54	31	c	c	c	6.9							
Donaghadee	1018.7	47	W	2	bc	1021.6	+2	41	0	NW	2	-	bc	2	2	52	41	c.	bc	bc	*							
Liverpool (Bidston)	1017.7	48	NW	2	c	1020.1	+1	43	-4	N	2	-	b	2	0.3	53	42	p.o.	c.	c.	4.5							
Holyhead	1018.2	50	NW	3	bc	1020.8	+1	47	-3	NNE	4	N	cp	3	1	55	46	bc	c.	c.	8.7							
Pembroke (St. Ann's Head)	1019.1	49	NW	2	bc	1021.0	+2	46	0	N	3	N	bc	2	1	56	43	bc	bc	bc	10.5							
Scilly (St. Mary's)	1018.7	52	NNE	4	bc	1019.7	0	50	-2	NNE	5	NE	c	4	2	57	46	bc	bc	bc	7.4							
Jersey (St. Aubin)	1014.6	54	NNE	2	0	1014.0	0	53	-1	N	3	-	0	4	-	57	52	og	0	0	0.0							
Portland Bill	1016.0	52	NNE	3	bc	1016.8	+1	45	-7	N	4	-	bc	3	-	57	43	c.	bc	bc	*							
Dungeness	1015.0	52	NNE	2	bc	1013.7	0</																					



# SUMMARY OF CONDITIONS AT 7 A.M. Sunday, 28th September, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	NNE 5-20	Cold	Variable sky; rain and drizzle locally on coast.	Fair	Mod.
2. E. England	N. 2-15	"	Fine to cloudy.	"	Slight
3. E. Midlands	NW. 0-2	"	Fine or fair, local frost & mist.	Poor	"
4. W. Midlands	N. 2-5	"	Fine or fair.	"	"
5. S.W. England	N-NNE. 10-20	"	Fair to cloudy, local showers & drizzle.	Good	Mod.
6. South Wales	N. 0-10	"	Fair.	V. good	Smooth
7. North Wales	NNE. 10-15	"	Fair to cloudy, local showers.	Ord.	Slight
8. N.W. England	N. 5	"	Fine.	"	Smooth
9. N. Midlands	NW-N. 2-5	"	Fine or fair.	Good	"
10. N.E. England	NW-N. 10	"	Fine to cloudy, local mist.	Indiff.	Mod.
11. E. Scotland	SW-NW. 2-10	"	Mainly fine or fair, light rain locally.	Good	Smooth
12. S.W. Scotland	SW. 0-2	"	Fine or cloudy, local frost.	V. good	"
13. Isle of Man	NW-NE. 5-10	"	Fair to cloudy.	Good	Smooth
14. N. & N.W. Scotland	W-NW. 2-5	"	Fair or cloudy, local showers and mist.	Indiff.	"
15. Hebrides	NW. 2	"	Fair or dull.	Ord.	"
16. Orkneys and Shetlands	NW. 5	"	Fair to cloudy, light rain and mist at Orkney.	"	"
17. N.W. Ireland	WNW. 2-5	"	Fair	"	"
18. N.E. Ireland	NW. 2-10	"	Fair	Good	"
19. S.E. Ireland	Var. 2-10	"	Fine or fair.	"	"
20. S.W. Ireland	NW-NE. 2-10	"	Fine to cloudy.	V. good	Slight



**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrow flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**  
 ○ clear sky. ○ sky 1/2 clouded.  
 ⊙ sky 3/4 clouded. ⊙ sky 1/2 clouded  
 ⊕ overcast sky. ● rain falling.  
 \* snow. ▲ hail. = fog = mist  
 T thunder. R thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough High

GENERAL INFERENCE from observations received up to 10 a.m.

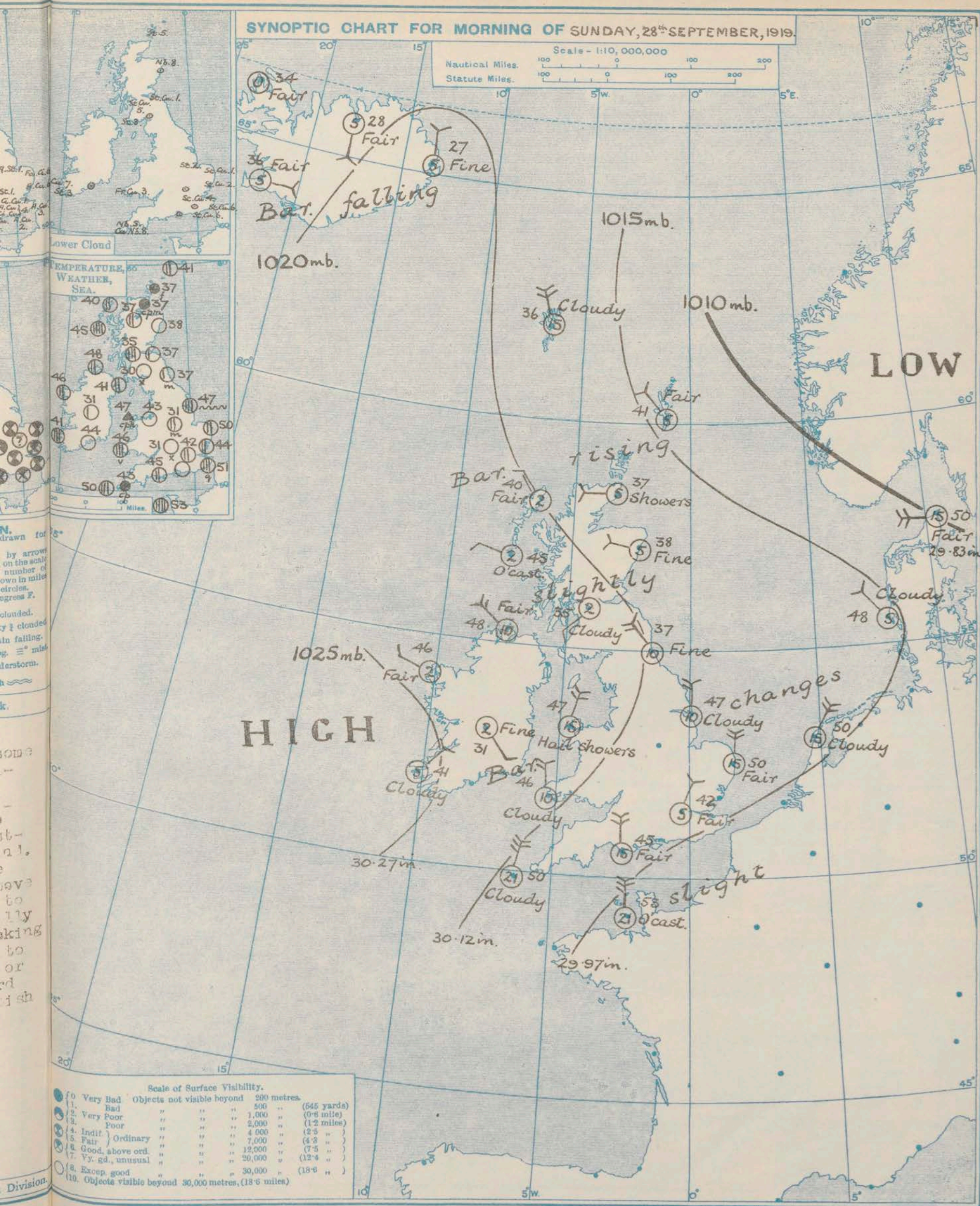
The anticyclone appears likely to extend slowly in a north-easterly direction for some time.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Sunday, 28th Sunday, 1919	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind mainly between N. and NE, light or moderate, fresh at times in places. Fair or variable sky.  Cold, slight local frost in night. Mist or fog locally early morning.	There are some slight indications of the existence of a depression to the south-westward of Iceland. This may be expected to move eastward and to cause eventually gradual backing of the winds to the westward or south-westward over the British Isles.
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind between W. and NW, light or moderate. Fair generally. Cold, slight frost locally in night.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind light between W. and NW. Fine generally.  Cold, slight frost locally at night. Local mist or fog early morning.	



# SYNOPTIC CHART FOR MORNING OF SUNDAY, 28<sup>th</sup> SEPTEMBER, 1919.

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





# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 271 B Sunday, 28th September

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-9h. 26 <sup>th</sup> .	Day. 9h-17h. 27 <sup>th</sup> .	to 17h. 27 <sup>th</sup> .	Sunrise to Sun-set. 26 <sup>th</sup> .			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h. 26 <sup>th</sup> .	Day. 9h-17h. 27 <sup>th</sup> .	to 17h. 27 <sup>th</sup> .	Sunrise to Sun-set. 26 <sup>th</sup> .
Scotland.	Oban ... ..	b.c.c.	b	52	40	1	-	8.1	4.9	England, N.W.	Douglas (I.O.M.)								
	Banff ... ..										Blackpool ... ..								
	More ... ..	b.c.b	b	53	40	1	-	10.1	7.9		Southport ... ..								
England, N.E.	Harrogate ... ..	b.	b.b.c.b	55	37	1	-	7.3	6.0	Midlands.	Buxton ... ..	r.b.c.b	b.b.c	51	39	1	-	7.6	1.8
	Skegness ... ..										Leamington Spa...	b.c.c.b	b.c	51	40	-	-	6.2	2.6
											Malvern ... ..								
England, E.	Felixstowe ... ..	o.c.r.b	b.c	56	44	-	-	5.6	0.6	Wales.	Rhyl ... ..								
	Walton-on-Naze...										Colwyn Bay ... ..								
	Southend-on-Sea...	b.	b.b.c.c	57	46	-	-	4.5	0.3		Llandudno ... ..								
England, S.E.	Margate ... ..	*	*	63	50	2	-	0.0	1.4	England, S.W.	Weymouth ... ..								
	Ramsgate ... ..										Teignmouth ... ..								
	Folkestone ... ..	o.c	c.o	55	48	1	-	0.0	0.0		Torquay ... ..								
	Hastings ... ..	o.r.o.	o.b.c	54	47	2	-	0.0	0.0		Paignton ... ..								
	Eastbourne ... ..										Penzance ... ..								
	Brighton ... ..										Newquay ... ..								
	Worthing ... ..										Bude ... ..	*	*	56	41	-	-	7.4	3.2
	Littlehampton ... ..										Ilfracombe ... ..								
	Bournemouth ... ..										Weston-s-Mare ... ..								
	Tonbridge Wells ... ..	b.c.c	0	55	44	-	-	0.6	0.0										

SUMMARIES FOR PAST 24 HOURS.													
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		BEAUFORT NOTATION.			
		7h-18h. 27th.	18h-18h. 27th.	18h-18h. 27th.	1h-7h. 28th.	Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	Sun. Hours.				
†Houton Bay (Orkney) ...		b.p.	q.r.h.	b.	b.p.	48	37	21	10.7	<b>BEAUFORT NOTATION.</b> 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 hear frost. y dry air: humidity less than 60 per cent. z dust haze; the turbid atmosphere of dry weather.			
†Eskdalemuir ...		b.w.b.c.	b.c.	b.	b.b.c.	52	27	21	10.7				
†Stranraer ...		b.c.	b.c.	b.	b.b.c.	54	40	21	10.7				
†Lough Foyle ...		b.c.	b.c.	b.	b.b.c.	55	40	34	8.0				
†Valencia (Cahirciveen) ...		b.c.	b.c.	b.	b.b.c.	55	40	34	8.0				
†Anglesey (Llangeflwyd) ...		b.c.	b.c.	b.	b.b.c.	59	40	32	8.1				
†Falmouth ...		b.c.	b.c.	b.	b.b.c.	59	40	32	8.1				
†Calshot (Hants) ...		b.c.	b.c.	b.	b.b.c.	58	44	32	8.1				
†Capel (Folkestone) ...		b.c.	b.c.	b.	b.b.c.	58	44	32	8.1				
Aberdeen ...		b.c.	b.c.	b.	b.b.c.	50	35	26	9.8				
†East Fortune ...		b.c.	b.c.	b.	b.b.c.	53	32	26	9.8				
†Flamborough Head ...		b.c.	b.c.	b.	b.b.c.	57	42	31	9.8				
†Felixstowe ...		b.c.	b.c.	b.	b.b.c.	54	31	31	9.8				
†Cranwell (Lincs) ...		b.c.	b.c.	b.	b.b.c.	54	31	31	9.8				
†Bedford ...		b.c.	b.c.	b.	b.b.c.	56	31	25	9.8				
Benson ...		b.c.	b.c.	b.	b.b.c.	55	41	32	9.8				
London (Kew Obs.) ...		b.c.	b.c.	b.	b.b.c.	55	41	32	9.8				

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. 28th												YESTERDAY.		TO-DAY.		28th & 29th September 1919.																							
Vertical Component of Solar Radiation per Square Centimetre during yesterday.												Total ..... Joules.		Milliwatts.		Station.		Sunrise.		Noon.		Sunset.																	
																G.M.T.		G.M.T.		G.M.T.		G.M.T.																	
Greenwich (Royal Observatory)												b.c.		0		o.c.b		58		40		28		-		5.8		56		75		Yarmouth...		5.49		11.44		5.38	
City (Banhill Row) ...												*		*		*		*		*		*		*		*		*		*		5.51		11.43		5.35			
Westminster (St. James's Park)												*		*		*		*		*		*		*		*		*		*		5.56		11.51		5.45			
" (Admiralty Arch)												b.c.bm		b.cbm		b.c.bm		57		43		35		-		5.2		56		77		Greenwich {		5.56		11.50		5.42	
Camden Sq. (British Rainfall)												b.c.		b.c.c		*		59		40		35		-		5.4		56		79		Wick ... {		6.11		12.3		5.54	
Kensington Palace ...												b.c.o		b.c		*		56		42		35		-		-		74		Valencia ... {		6.37		12.32		6.26			
																																6.39		12.31		6.23			

## NOTES ON THE WEATHER OF YESTERDAY.

Temperature remained below 50° in some Scottish localities and below 55° at some Irish and English stations, but rose to about 60° at some places over the Southern half of England. Slight local frost occurred at night inland, and over much larger area the thermometer fell to about 35°. Slight rain was experienced in the west and north of the Kingdom. Bright sunshine records were high over a large portion of the Kingdom, but on the south-east coast of England the day was mostly dull.

† Air Ministry Station.

\* Information for these columns not usually received.





METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.

No. 21, 1308 MONDAY, 29<sup>TH</sup> SEPTEMBER 1919.

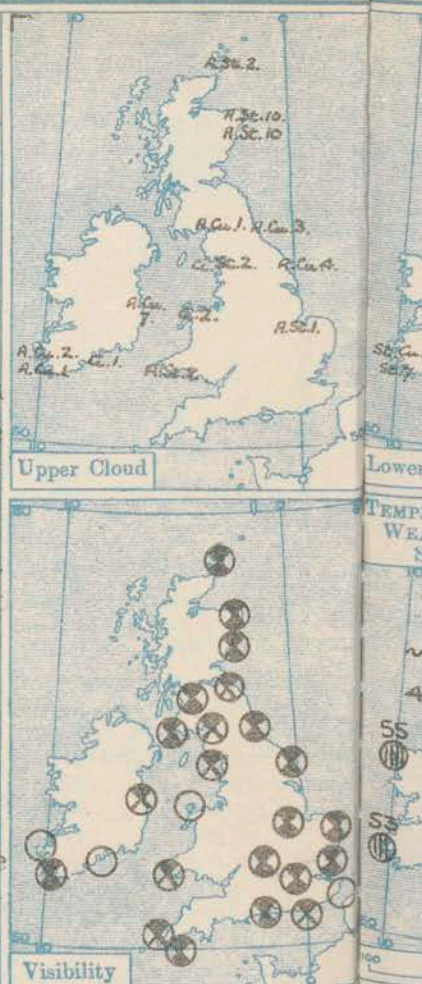
OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H.																												
STATIONS	BAROM.	TEMP.	WIND.		WEATHER	TEMP.	HUMIDITY.	VISIBILITY.	HEIGHT OF LOW CLOUD.	LOW CLOUD.		UPPER CLOUD.		SEA	BAROM.	TEMP.	HUMIDITY.	VISIBILITY.	HEIGHT OF LOW CLOUD.	LOW CLOUD.		UPPER CLOUD.		SEA				
	at M.S.L.		Change in 3 hours.	Dirac.						Force 0-12.	Form.	Amt. 0-10.	Form.							Amt. 0-10.	0-9.	at M.S.L.	Change in 3 hours.		Dirac.	Force 0-12.	Form.	Amt. 0-10.
13H. G.M.T. 28 <sup>TH</sup>														19H. G.M.T. OF 28 <sup>TH</sup>														
†Houton B. (Orkney)	1018.7	0	NNW	1	c	45	75	8	34000	cu	5	ast	2	1	1019.5	+2	M	1	bc	40	75	1	2-3000	st	3	ast	2	1
†Eskdalemuir	1020.6	0	SW	1	b	49	55	8	-	cu	2	cu	1	*	1020.9	0	W	1	o	42	82	8	-	nb	1	cu	9	*
†Stranraer	1022.1	+3	-	0	c	51	92	8	34000	st	8	-	-	*	1020.6	-1	-	0	o	48	98	8	12-2000	st	10	-	-	*
†Lough Foyle	1021.2	-2	W	5	bc	48	98	6	1500	nb	10	-	-	2	1020.5	+1	NW	3	c	48	87	8	2-3000	cu	4	cu	3	5
Valencia (Cahire'n)	1025.6	0	WNW	3	b	54	65	-	34000	cu	2	-	-	3	1024.6	-1	WSW	1	c	52	75	-	2-3000	st	7	cu	1	2
†Anglesey (Llangefeli)	1021.8	-0	N	2	b	63	65	8	34000	cu	3	-	-	4	1022.7	+1	-	0	bc	47	75	7	2-3000	cu	5	-	-	4
†Falmouth	1019.6	-1	NNE	6	v	56	45	-	-	-	-	-	-	*	1022.1	+3	N	3	b	50	65	8	-	cu	1	-	-	*
†Calshot (Hants)	1017.1	0	NNE	3	bc	56	65	7	5-6000	cu	4	-	-	5	1020.0	+4	NE	1	b	50	75	6	-	-	ast	1	3	5
†Capel (Folkestone)	1015.4	0	NE	6	o	47	92	5	1-1500	cu	10	-	-	6	1018.2	+5	N	6	c	46	87	7	34000	st	7	-	-	5
Aberdeen	1020.2	0	SSE	3	bc	51	45	8	-	cu	4	-	-	2	1020.0	0	-	0	c	45	65	8	-	cu	8	-	-	2
†East Fortune	1021.2	0	NW	1	v	50	55	7	4-5000	cu	1	-	-	*	1020.0	0	-	0	c	45	65	8	-	cu	8	-	-	*
†Flamborough Head	1019.6	-1	N	3	bc	48	65	8	34000	cu	5	cu	1	*	1021.8	+2	N	3	bc	45	65	8	-	?	?	?	?	*
†Felixstowe	1017.4	-1	NE	4	a	54	75	8	-	st	3	cu	4	4	1019.9	+3	NE	2	c	47	87	6	34000	cu	2	cu	6	4
†Cranwell (Lines)	1019.5	-1	N	1	c	52	82	6	2-3000	cu	5	ast	2	*	1020.4	+2	N	1	b	41	92	7	2-3000	st	3	-	-	*
†Bedford	1018.0	-1	N	4	y	55	55	5	5-6000	cu	5	-	-	*	1020.8	+4	N	1	z	43	82	4	-	-	-	-	-	*
Benson	1017.7	-2	NNE	3	bc	53	65	6	-	-	-	-	-	*	1020.4	+3	NE	2	b	47	65	6	-	cu	2	-	-	*
London (Kew Obs.)	1017.3	-3	NE	5	c	52	55	7	-	st	6	cu	1	*	1020.0	+5	NNE	3	b	49	65	5	-	cu	1	-	-	*
1H. G.M.T. OF 29 <sup>TH</sup>														7H. G.M.T. OF 29 <sup>TH</sup>														
†Houton B. (Orkney)	1019.0	-2	S	1	z	40	82	5	-	st	3	ast	2	0	1009.8	-7	SSW	4	c3	42	98	5	5-7000	st	7	ast	2	2
†Eskdalemuir	1019.4	-2	S	2	o	43	98	6	-	st	10	-	-	*	1017.0	-2	SW	4	o	45	92	6	12-2000	nb	8	ast	1	8
†Stranraer	1019.8	-2	-	0	b	45	98	8	2-3000	st	4	-	-	*	1014.1	-2	WSW	4	od	50	98	5	3-4000	st	10	-	-	*
†Lough Foyle	1023.2	-4	-	0	bc	51	*	*	*	*	*	*	*	*	1020.0	-2	SSW	3	c	53	82	10	2-3000	st	5	ast	2	3
Valencia (Cahire'n)	1023.2	-4	-	0	bc	51	*	*	*	*	*	*	*	*	1021.1	-1	SW	4	c	51	75	8	2-3000	cu	8	cu	2	4
†Anglesey (Llangefeli)	1022.7	-1	S	1	c	45	87	-	12-2000	st	8	-	-	4	1025.4	+1	N	1	b3w	42	87	5	-	-	-	-	*	
†Falmouth	1025.1	+1	NNW	1	b	41	87	7	-	-	-	-	-	*	1025.8	+2	NE	1	b	40	98	4	-	-	-	-	-	2
†Calshot (Hants)	1024.1	+3	W	1	b	46	87	5	-	-	-	-	-	3	1025.0	+4	NW	5	bv	39	98	8	2-3000	st	1	-	-	4
†Capel (Folkestone)	1021.4	+3	N	4	v	42	92	8	-	-	-	-	-	4	1013.5	-4	SSW	3	om	45	92	4	-	-	ast	10	2	
Aberdeen	1018.8	-2	-	0	bc	53	92	4	1-1500	nb	10	-	-	*	1015.1	-2	S	3	o	48	82	6	34000	st	9	-	-	*
†East Fortune	1018.2	+1	S	1	b	45	87	-	34000	st	2	-	-	*	1021.4	0	SW	4	c	41	92	5	-	-	ast	4	*	
†Flamborough Head	1022.3	+3	N	2	b	38	92	-	-	-	-	-	-	3	1025.0	+4	N	3	b	40	92	4	4-5000	st	2	-	-	3
†Felixstowe	1023.2	0	W	1	b	34	98	6	-	-	-	-	-	*	1022.2	+1	SSW	1	b1	35	98	4	4-5000	st	2	ast	1	*
†Cranwell (Lines)	1023.4	0	NNE	3	b	41	82	5	-	-	-	-	-	*	1025.3	+6	WSW	1	b3w	33	92	?	12-2000	-	-	-	-	*
†Bedford	1023.4	0	NNE	3	b	41	82	5	-	-	-	-	-	*	1024.5	+2	-	0	bx	30	98	5	-	-	-	-	-	*
Benson	1023.0	+1	-	a	b	42	*	*	*	*	*	*	*	*	1025.7	+3	WSW	1	b3w	35	92	4	-	-	-	-	-	*
London (Kew Obs.)	1023.0	+1	-	a	b	42	*	*	*	*	*	*	*	*	1025.7	+3	WSW	1	b3w	35	92	4	-	-	-	-	-	*
STATIONS CONTRIBUTING REPORTS AT 7H AND 13H.																												
STATIONS	BAROM.	TEMP.	WIND.		WEATHER	BAROMETER.		TEMPERATURE.		WIND.		WEATHER	SEA	RAINFALL	TEMP.			WEATHER.			SUNSHINE							
	at M.S.L.		Change in 3 hours.	Temp. °F.		Change in 24 hours.	Dirac.	Force 0-12.	Max. °F.	Min. °F.	Morning.				Afternoon.	Night.	Hours.											
13H. G.M.T. OF 28 <sup>TH</sup>														7H. G.M.T. OF 29 <sup>TH</sup>														
Lerwick	1018.1	41	WNW	2	bc	1011.0	-5	45	+4	S	4	SW	c	3	9	53	35	bc	bc	bc	*							
Stornoway	1019.3	44	ENE	2	bc	1003.1	-9	50	+10	SW	6	-	org	5	6	50	36	bc	bc	org	6.8							
Castlebay (Barra)	1019.4	46	-	0	b	1006.5	-6	52	+7	SSW	6	-	or	6	3	52	45	o.c.op	op.bc.b	op	2.1							
Glasgow	1020.0	45	SW	2	omf	1014.7	-3	46	+11	SW	4	-	o	2	2	50	34	c.	o.c.op	omp	4.0							
Malin Head	1019.1	50	W	3	bc	1010.3	-4	49	+1	W	4	W	c	3	1	54	45	bc	cp	cp	5.7							
Blackall Point	1021.1	51	WSW	1	t	1011.8	-5	55	+9	SW	4	-	o	?	0.2	56	43	bc	bc	bc.c	*							
Roche's Point	1024.3	54	NW	1	b	1022.2	-1	51	+7	W	1	NW	c	1	Trace	57	43	b	b-bc.b	b.b.c	*							
Birr Castle	1022.8	49	NE	1	c	1019.1	*	45	+14	S	1	S	bc	*	0.1	56	31	c.	cp.	bc	8.0							
Donaghadee	1020.5	52	W	2	o	1021.0	-3	46	+5	SSW	3	-	c	2	Trace	57	41	bv	cp	bc.m	*							
Liverpool (Lidstone)	1021.9	47	NW	2	b	1021.3	0	55	+12	SSW	3	SW	b	2	-	52	43	v.	b	b	10.2							
Holyhead	1022.4	49	-	0	o	1020.1	-1	52	+5	SW	5	W	c	4	-	55	44	c.b.c.b	b	b.b.c.c	9.8							
Pembroke (St. Ann's Head)	1023.4	48	N	3	bv	1024.0	-1	52	+6	SW	3	-	b	2	1	55	43	bcvp	bcv bw	bv	10.2							
Selly (St. Mary's)	1023.8	52	NNE	4	bc	1025.5	0	47	-3	-	0	-	b	2	2	55	45	cpbc	bc	bc	9.0							
Jersey (St. Aubert)	1018.2	54	NNE	4	b	1024.9	+1	48	+5	NE	2	-	b	1	-	56	47	o.b.c.c	c.b	b.o.bw	3.5							
Portland Bill	1018.8	53	NNE	5	bc	1024.5	+1	48	+3	NNE	2	-	b	2	-	54	43	bc.	bc	b	*							
Dungeness	1016.7	51	NE	5	cq	1023.6	+3	37	-14	N	3	-	b	3	0.4	56	33	cp.	crg	gc.b.bx	*							
Wick	1019.4																											

† Air Ministry Station. \* Information for these columns not usually received. † The barometric change is expressed in half millibars. ‡ Longside † at 1h.



# SUMMARY OF CONDITIONS AT 7 A.M. Monday, 29th September, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	NW-N 5-15	v. cold	Fair, local mist, ground frost.	var.	slight
2. E. England	NW-N 5-10	"	Fair; local mist	ord.	"
3. E. Midlands	Indef. 0-5	"	Fair to fine, some mist, hear frost.	"	---
4. W. Midlands	SSW 5-10	r. cold	Fair some mist	---	---
5. S.W. England	N-NNE 0-5	cold	Fair to fine, local haze	good	calm
6. South Wales	SW 10	r. cool	Fine	v. good	smooth
7. North Wales	SW 20-25	"	Cloudy, squally	"	moderate
8. N.W. England	SW 20-25	"	Cloudy to dull	good	slight
9. N. Midlands	SW-W 5-10	Cold	Fair to cloudy	---	---
10. N.E. England	S-SW 5-15	"	Fair to cloudy	ord.	slight
11. E. Scotland	S-SW 10-15	Cool	Cloudy to dull, local haze	poor	slight
12. S.W. Scotland	S-SW 15-20	Moderate	Dull, local mist	ord.	"
13. Isle of Man	S-SW 10-15	cool	Cloudy to dull	---	"
14. N. & N.W. Scotland	S-SW 10-15	Moderate	Cloudy to dull	ord.	"
15. Hebrides	S-SW 30	"	Dull, rain squally	---	rough
16. Orkneys and Shetlands	S-SW 25-20	cold	Dull, haze	ord.	slight
17. N.W. Ireland	W-SW 15-20	Moderate	Cloudy to dull	"	Moderate
18. N.E. Ireland	S-SW 10-15	Cool	Cloudy	"	slight
19. S.E. Ireland	S-W 2-5	"	Fair to cloudy	good	"
20. S.W. Ireland	SW-W 5-10	Moderate	Cloudy	v. good	"



## GENERAL INFERENCE from observations received up to 10 am.

A deep depression off our northwest coasts is moving east or southeast. SW'ly winds reaching gale force in the north with dull showery weather generally are anticipated.

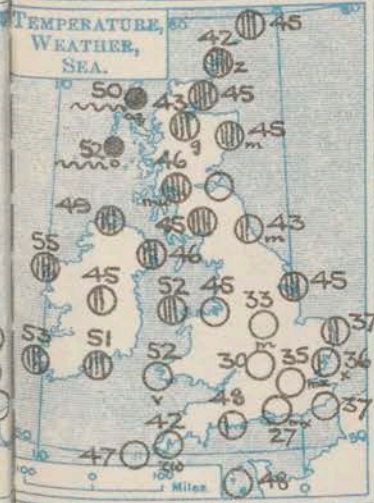
**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**—  
 ○ clear sky. ○ sky & clouded.  
 ⊙ sky & clouded. ⊙ sky & clouded  
 ⊕ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist  
 T thunder. F thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough ~~~~~ High ~~~~~

Districts.	Forecasts for the 24 hours commencing 3 p.m. Monday, 29th September, 1919	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales	Moderate SW'ly breezes, increasing to fresh or strong winds. Fair becoming cloudy or dull with some showers. Moderate temperature.	Generally unsettled.
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	Strong SW'ly to W'ly winds increasing to gale force in exposed places; probably veering later. Dull with some rain. Moderate temperature	
19. S.E. Ireland 20. S.W. Ireland	Same as districts 1 - 7.	



# SYNOPTIC CHART FOR MORNING OF MONDAY, 29<sup>th</sup> SEPTEMBER, 1919.

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



ON, drawn for  
by arrow  
ce, on the scale  
ne number of  
shown in miles  
all circles.  
degrees F.  
clouded.  
ky & clouded  
rain falling.  
fog. = mist  
under storm.  
igh  
ok.

Scale of Surface Visibility.

Symbol	Very Bad	Bad	Very Poor	Poor	Indif.	Fair	Good, above ord.	Vy. gd., unusual	Excep. good	Objects visible beyond
0										200 metres.
1										500 "
2										1,000 "
3										2,000 "
4										4,000 "
5										7,000 "
6										12,000 "
7										20,000 "
8										30,000 "
9										30,000 metres, (18.6 miles)



WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 28 <sup>th</sup>																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12th-17th.	Day. 17th-24th.	to 17th.	Sunrise to Sun- set.			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17th-24th.	Day. 24th-17th.	to 17th.	Sunrise to Sun- set.
Scotland.	Oban ... ..									England, N.W.	Douglas (I.O.M.)								
	Banff ... ..	bc	bc	49	37	6	-	8.2	-		Blackpool ... ..								
	Montrose ... ..										Southport ... ..	b.	b	51	34	-	-	10.0	-
	St. Andrews ... ..																		
England, N.E.	Harrogate ... ..	b	b	50	34	-	-	9.5	7.7	Midlands.	Buxton ... ..								
	Skegness ... ..										Leamington Spa... ..	b2	bc2	54	38	-	-	7.3	6.2
											Malvern ... ..								
											Ross-on-Wye ... ..	x. bx. b	by	56	31	-	-	10.2	0.0
England, E.	Felixstowe ... ..	bcy	bcy	54	42	-	-	2.2	5.6	Wales.	Rhyl ... ..	f. bc.	b	51	43	4	1	7.0	0.0
	Walton-on-Naze... ..										Colwyn Bay ... ..	x.	x.	53	44	2	-	6.5	-
	Southend-on-Sea... ..										Llandudno ... ..	c. bp.	b	53	46	-	1	8.1	-
											Aberystwyth ... ..								
England, S.E.	Margate ... ..									England, S.W.	Weymouth ... ..								
	Ramsgate ... ..										Teignmouth ... ..								
	Folkestone ... ..	cy. ord.	o. c. or	54	48	0.1	1	0.0	0.0		Torquay ... ..	b	b	59	43	-	-	10.2	-
	Hastings ... ..	o. c.	bc	54	45	-	-	2.3	0.0		Paigton ... ..								
	Eastbourne ... ..										Penzance ... ..	cp. bc	bc	59	45	2	-	9.2	-
	Brighton ... ..	bc. b	b	58	44	-	-	6.0	0.0		Newquay ... ..	by	by	54	42	1	-	9.1	-
	Worthing ... ..	bc	b	55	43	-	-	6.0	-		Bude ... ..								
	Littlehampton ... ..	x.	x.	54	51	-	-	6.3	-		Ilfracombe ... ..								
	Bournemouth ... ..	x.	x.	56	38	-	-	0.0	0.0		Weston-s-Mare ... ..								

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										Sun. Hours.
	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	RAINFALL.			
	7h-18h <sup>25</sup>	12h-18h <sup>25</sup>	18h-25 <sup>25</sup>	7h-7h <sup>29</sup>	Day. 7h-18h	Night. 18h-7h					
†Houton Bay (Orkney)...	2.b.bc	2po	✓W	qV	45	34	*	*	*	*	
Eskdalemuir ...	b.by	bycyop	o.or.o	odo.	52	30	38	-	0.4	7.3	
†Stranraer ...	b.bcv.	by p v	G.opo	c.o	53	32	*	*	*	*	
†Lough Foyle ...	to 51	p v					*	*	*	*	
Valencia (Cahirciveen) ...	cp.bv	bc.cv	bcp.c		55	40	41	-	1	7.3	
†Anglesey (Llangefni) ...	b.bcv	b.bcv	b.bc	omg	52	39	*	*	*	*	
Falmouth ...	b.bqyv	c.bqyW	b	bW	56	30	30	1	-	10.3	
†Calshot (Hants) ...	bc.c	bc.c	b.bc	b	57	35	*	*	*	*	
†Capel (Folkestone)...	c r h <sub>2</sub>	or.	bv	bv	51	37	*	*	*	*	
Aberdeen ...	b.bcv	bc	c.bc.oz		51	37	37	-	-	8.3	
†East Fortune ...	v.b.bc	c	z	c.o	51	32	*	*	*	*	
†Flamborough Head	b.bcv	b.bcv		bv	52	36	*	*	*	*	
†Felixstowe ...	c.o	p d o	b.bcpo	b.bcx	53	38	*	*	*	*	
†Cranwell (Lines) ...	b.bcr o s	p o p i	bW	b v	53	32	*	*	*	*	
†Bedford ...	wq	2q	bW	bW	55	31	*	*	*	*	
Benson ...	bc	b		b x	54	27	21	-	-	*	
London (Kew Obs.) ...	bc.b.bcy	cy a bc.b	b.bmx		54	32	19	-	-	5.6	

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	ngly, 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.		
No.	Limits of Velocity.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.6-3.2
3	8-12	5.4-5.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.5
12	Above 76	33.6 or above

Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 1=heavy. Underlining is used to express continuity.

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 Glass °F.	Rain- fall. in.	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						10 h. G.M.T.	9 h. G.M.T.							
				24 HOURS ENDING 9h G.M.T. 29 <sup>th</sup>									YESTERDAY.	TO-DAY.	29 <sup>th</sup> 130 <sup>th</sup> SEPTEMBER 1910.		
Greenwich (Royal Observatory)	b	c	b	56	31	19	—	5.5	61	73	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Stations	Sunrise.	Noon.	Sunset.		
City (Bunhill Row) ...	x	x	x	x	x	x	x	—	x	x		G.M.T.	G.M.T.	G.M.T.			
Westminster (St. James's Park)	x	x	x	—	—	—	—	—	—	—		Yarmouth...	5.51	11.43	5.35		
.. (Admiralty Arch)	bcm	cm-bc	bm-bcm	56	37	x	—	5.5	58	73		Greenwich	5.53	11.43	5.33		
Camden Sq. (British Rainfall)	—	—	x	59	32	30	—	5.4	—	8.8		Wick	5.38	11.50	5.42		
Kensington Palace ...	c-bc	bc	x	55	33	23	—	x	67	80		Total.....	965.....	Joules.	6.0	11.50	5.40
													Milliwatts.	6.14	12.2	5.50	
												Average Rate.	22.7	6.17	12.2	5.47	
												Maximum Rate.	63	6.39	12.31	6.23	
													6.41	12.31	6.21		

### NOTES ON THE WEATHER OF YESTERDAY.

The anticyclone maintained fair weather generally over the country. Passing showers were experienced locally. At night under the influence of the approaching depression rain fell in the north of Scotland. As much as 9mm were measured at Lerwick. Sunshine amounts were good at most stations, 10.3hrs were recorded at Falmouth, 10.2 hrs at Liverpool, Torquay and Ross on Wye. Temperatures were generally low, maxima were everywhere below 60°F, a minimum as low as 27°F is reported from Benson, minima below 35°F are reported from several inland stations.

† Air Ministry Station.

\* Information for these columns not usually received.





METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.

No 21/31.B TUESDAY, 30<sup>TH</sup> SEPTEMBER 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 12H.																																																																																																																																																																																																																																																																																																																																																																																												
STATIONS	Barom. at M.S.L. m.b.	Change in 3 hours.	WIND. Direc. Force 0-12.	Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.	Upper Cloud.	Sea	Barom. at M.S.L. m.b.	Change in 3 hours.	WIND. Direc. Force 0-12.	Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.	Upper Cloud.	Sea																																																																																																																																																																																																																																																																																																																																																																						
	12H. G.M.T. OF 29 <sup>th</sup>											12H. G.M.T. OF 29 <sup>th</sup>																																																																																																																																																																																																																																																																																																																																																																																
	Form.	Amt.	Form.		Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.		Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.																																																																																																																																																																																																																																																																																																																																																																		
†Houton B. (Orkney)	1001.8	-6	SSW 8	p	49	92	4	1-2000	Sr	10	-	1000.9	0	WSW 8	q	50	97	5	1-3000	Sr	6	ACu	3	5																																																																																																																																																																																																																																																																																																																																																																				
†Eskdalemuir ...	1015.3	0	SSW 5	or	50	75	6	-	Nb	10	-	1013.5	-2	SW 8	ormg	49	92	4	-	Nb	10	-	*																																																																																																																																																																																																																																																																																																																																																																					
†Stranraer ...	1016.8	-2	SSW 6	r.g.	51	97	1	2-3000	Nb	10	-	1014.5	0	SW 5	r.g.	53	97	5	-	Sr	3	ACu	1	*																																																																																																																																																																																																																																																																																																																																																																				
†Lough Foyle ...	1007.9	-1	?	?	52	97	5	1-1000	Nb	9	-	1010.4	+2	W 5	cd	52	97	4	5-7000	Nb	10	-	*																																																																																																																																																																																																																																																																																																																																																																					
†Valencia (Cahire'n)	1019.5	-1	S 5	o	56	75	8	2-3000	Sr	2	A.Sr	8	5	1018.7	-1	S 5	od	54	97	6	-	-	4																																																																																																																																																																																																																																																																																																																																																																					
†Anglesey (Llangefni)	1020.4	-1	WSW 9	o	54	82	8	3-4000	Nb	4	ACu	5	6	1020.1	0	SW 5	r.g.	53	82	8	-	-	7																																																																																																																																																																																																																																																																																																																																																																					
†Falmouth ...	1025.5	0	SW 3	bcy	57	45	6	-	Cu	3	Ci.S	2	*	1023.6	-2	SSW 1	bz	51	75	5	-	Ci	1	*																																																																																																																																																																																																																																																																																																																																																																				
†Calshot (Hants) ...	1025.9	0	SE 1	b	57	65	5	-	-	-	-	3	*	1026.8	0	WSW 1	b	51	65	4	-	C.Sr	3	3																																																																																																																																																																																																																																																																																																																																																																				
†Capel (Folkestone)	1026.8	0	SE 2	b	57	65	7	3-4000	Cu	1	-	1026.9	0	W 1	bc	47	75	6	5-7000	Sr	3	Ci	1	2																																																																																																																																																																																																																																																																																																																																																																				
Aberdeen ...	1008.6	-6	SSW 5	oq	52	82	6	-	S.Cu	10	-	1007.6	0	SSW 4	bcz	53	82	6	-	F.Cu	5	-	3																																																																																																																																																																																																																																																																																																																																																																					
†East Fortune ...	1011.2	-4	?	?	53	75	6	2-3000	Nb	4	A.Sr	6	*	1009.2	-1	WSW 4	o	55	82	5	2-3000	S.Cu	5	*																																																																																																																																																																																																																																																																																																																																																																				
†Flamboro' Hd. ...	1019.5	-4	SW 5	cz	56	55	5	4-5000	S.Cu	5	A.Sr	3	*	1019.0	0	SW 4	om	53	80	5	4-5000	S.Cu	5	*																																																																																																																																																																																																																																																																																																																																																																				
†Felixstowe ...	1025.9	-1	SSW 3	b	55	65	5	-	-	-	-	3	3	1025.7	+1	SW 3	o	54	75	7	4-5000	Sr	5	2																																																																																																																																																																																																																																																																																																																																																																				
†Cranwell (Lincs)	1022.5	-2	SSW 3	c	57	65	7	3-4000	Sr	2	Ci	5	*	1022.4	0	SSW 3	c	49	75	6	2-3000	Sr	3	4																																																																																																																																																																																																																																																																																																																																																																				
†Bedford ...	1024.2	-1	SW 3	bcz	57	45	-	5-7000	-	-	Ci.S	3	*	1024.1	0	SSW 2	bz	49	65	-	-	Ci	1	*																																																																																																																																																																																																																																																																																																																																																																				
Benson ...	1025.0	-2	SW 3	bz	57	45	5	-	-	-	-	*	*	1024.4	0	SW 1	b	48	82	6	-	-	*																																																																																																																																																																																																																																																																																																																																																																					
London (Kew Ob.)	1025.4	-3	WSW 2	b	55	45	7	-	-	-	-	*	*	1024.8	0	SW 1	bc	51	65	5	-	Ci	4	*																																																																																																																																																																																																																																																																																																																																																																				
1H. G.M.T. OF 30 <sup>th</sup>														7H. G.M.T. OF 30 <sup>th</sup>																																																																																																																																																																																																																																																																																																																																																																														
†Houton B. (Orkney)	1002.8	+4	W 9	bc	50	65	6	4-5000	Sr	5	-	1006.1	+4	W 7	c	49	75	6	5-7000	Sr	3	Ci	5	6																																																																																																																																																																																																																																																																																																																																																																				
†Eskdalemuir ...	1014.6	0	SSW 4	e	53	97	-	-	Cu	6	F.Ci	3	*	1014.2	0	SW 5	od	50	98	3	1-1500	Nb	10	-																																																																																																																																																																																																																																																																																																																																																																				
†Stranraer ...	1014.6	0	SSW 4	e	53	97	-	-	Cu	6	F.Ci	3	*	1014.1	-1	SSW 3	ormg	52	98	4	1-2000	Sr	10	-																																																																																																																																																																																																																																																																																																																																																																				
†Lough Foyle ...	1017.0	-1	SSW 4	bcm	54	*	*	*	*	*	*	*	*	1009.7	-1	SSW 6	rm	52	98	5	1-2000	Cu.Nb	10	-																																																																																																																																																																																																																																																																																																																																																																				
†Valencia (Cahire'n)	1017.0	-1	SSW 4	bcm	54	*	*	*	*	*	*	*	*	1011.4	-5	S 4	o	54	82	8	2-3000	Sr	10	-																																																																																																																																																																																																																																																																																																																																																																				
†Anglesey (Llangefni)	1022.0	-4	SSW 1	bw	43	92	6	-	-	-	-	*	*	1019.5	-2	SSW 1	rmg	52	82	7	2-3000	Sr	10	-																																																																																																																																																																																																																																																																																																																																																																				
†Falmouth ...	1023.7	-3	E 1	b	43	97	5	-	-	-	-	4	*	1019.5	-2	SSW 1	rmg	52	82	7	2-3000	Sr	10	-																																																																																																																																																																																																																																																																																																																																																																				
†Calshot (Hants) ...	1025.0	-2	SE 1	b	49	75	7	-	-	-	-	3	*	1020.4	0	-	o	45	92	6	3-4000	Sr	10	-																																																																																																																																																																																																																																																																																																																																																																				
†Capel (Folkestone)	1025.0	-2	SE 1	b	49	75	7	-	-	-	-	3	*	1022.4	-1	SSW 3	bc	51	82	7	4-5000	F.Cu	1	3																																																																																																																																																																																																																																																																																																																																																																				
Aberdeen ...	1008.1	+2	S 3	b	43	92	6	-	-	-	-	*	*	1010.4	+2	SW 1	om	51	98	5	-	Sr	10	-																																																																																																																																																																																																																																																																																																																																																																				
†East Fortune ...	1011.4	+2	WSW 4	o	53	82	-	3-4000	Sr.C	9	-	1011.3	-1	WSW 2	o	55	82	6	2-3000	Sr	2	A.Sr	7	*																																																																																																																																																																																																																																																																																																																																																																				
†Flamboro' Hd. ...	1025.2	0	WSW 2	b	46	92	6	-	-	-	-	2	*	1023.0	-0	N 1	bz	44	92	5	-	Fa.Ci	1	1																																																																																																																																																																																																																																																																																																																																																																				
†Felixstowe ...	1025.2	0	WSW 2	b	46	92	6	-	-	-	-	2	*	1020.8	-1	SW 3	om	44	82	6	3-4000	Sr	3	4																																																																																																																																																																																																																																																																																																																																																																				
†Cranwell (Lincs)	1023.6	-1	SSW 3	bz	40	82	10	-	-	-	-	*	*	1022.3	-1	SSW 1	om	37	92	-	2-3000	-	-	5																																																																																																																																																																																																																																																																																																																																																																				
†Bedford ...	1023.6	-1	SSW 3	bz	40	82	10	-	-	-	-	*	*	1020.7	-1	-	o	34	98	5	-	-	3	*																																																																																																																																																																																																																																																																																																																																																																				
Benson ...	1023.6	-1	SSW 3	bz	40	82	10	-	-	-	-	*	*	1020.7	-1	-	o	34	98	5	-	-	3	*																																																																																																																																																																																																																																																																																																																																																																				
London ...	1024.0	-1	SSW 1	b	44	*	*	*	*	*	*	*	*	1021.8	-1	SE 1	bm	33	98	3	-	-	Ci	1	*																																																																																																																																																																																																																																																																																																																																																																			
STATIONS CONTRIBUTING REPORTS AT 7H AND 12H.																																																																																																																																																																																																																																																																																																																																																																																												
STATIONS.	Barom. at M.S.L. m.b.	TEMP. °F.	WIND. Direc. Force 0-12.	Weather.	Barometer. at M.S.L. m.b.	TEMP. °F.	WIND. Direc. Force 0-12.	Weather.	Barometer. at M.S.L. m.b.	TEMP. °F.	WIND. Direc. Force 0-12.	Weather.	Barometer. at M.S.L. m.b.	TEMP. °F.	WIND. Direc. Force 0-12.	Weather.	Barometer. at M.S.L. m.b.	TEMP. °F.	WIND. Direc. Force 0-12.	Weather.	Barometer. at M.S.L. m.b.	TEMP. °F.	WIND. Direc. Force 0-12.	Weather.	Sunshine Hours.																																																																																																																																																																																																																																																																																																																																																																			
	12H. G.M.T. OF 29 <sup>th</sup>												7H. G.M.T. OF 30 <sup>th</sup>												24 HOURS ENDED 7H. 30 <sup>th</sup>											29 <sup>th</sup>																																																																																																																																																																																																																																																																																																																																																								
	Form.	Amt.	Form.		Amt.	Form.	Amt.		Form.	Amt.	Form.		Amt.	Form.	Amt.		Form.	Amt.	Form.		Amt.	Form.	Amt.		Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.	Form.	Amt.

† Air Ministry Station.

\* Information for these columns not usually received.

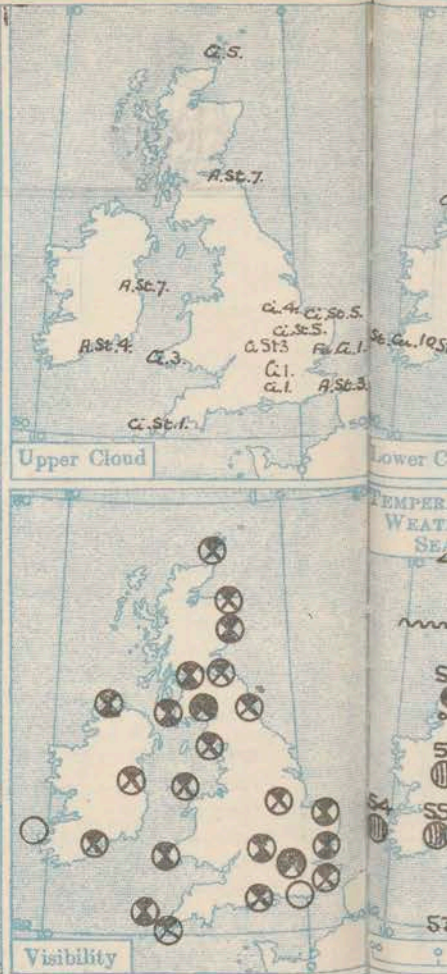
‡ The barometric change is expressed in half millibars.

§ Longside † at 1h.



# SUMMARY OF CONDITIONS AT 7 A.M. Tuesday, 30th September, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SE-S 5-10	Cold	Fair to cloudy, mist in land	var.	slight
2. E. England	W-N 0-5	"	Fair; local haze	ord.	smooth
3. E. Midlands	Indef. 0-5	v. cold	Fair to cloudy	"	"
4. W. Midlands	S-SW 5-10	"	Fair to cloudy	"	"
5. S.W. England	S-SE 5-10	r. cold	Fair to fine, local haze	good	slight
6. South Wales	S-SW 10	Moderate	Fair to cloudy	ord.	moderate
7. North Wales	S-SW 10-15	"	Cloudy	---	"
8. N.W. England	S-SW 10-15	"	Cloudy to dull	poor	slight
9. N. Midlands	S-SW 5-10	r. cold	Cloudy	ord.	---
10. N.E. England	S-SW 10-15	Moderate	Cloudy to dull; local showers	good	slight
11. E. Scotland	S-SW 2-5	r. warm	Dull, local mist	good	smooth
12. S.W. Scotland	SW 10-20	"	Dull, local mist & rain	poor	slight
13. Isle of Man	S-SW 10-15	"	Dull	ord.	"
14. N. & N.W. Scotland	SW-W 10-15	"	Cloudy to dull	good	moderate
15. Hebrides	S-SW 5-15	mild	Cloudy to dull, rain locally	---	"
16. Orkneys and Shetlands	SW-W 30-40	"	Cloudy; squally, local mist	good	r. rough
17. N.W. Ireland	S-SW 10-20	Moderate	Dull, local rain & mist	ord.	smooth
18. N.E. Ireland	SW 10	"	Dull, local mist	"	"
19. S.E. Ireland	S-SW 5-10	"	Cloudy to dull	good	slight
20. S.W. Ireland	S-SW 15-20	"	Dull	v. good	moderate



## GENERAL INFERENCE from observations received up to 9 a.m.

A depression is still centred near Iceland. Another Atlantic depression is causing a fresh fall of the barometer over England and Ireland. Strong southerly winds and unsettled weather are therefore likely to prevail.

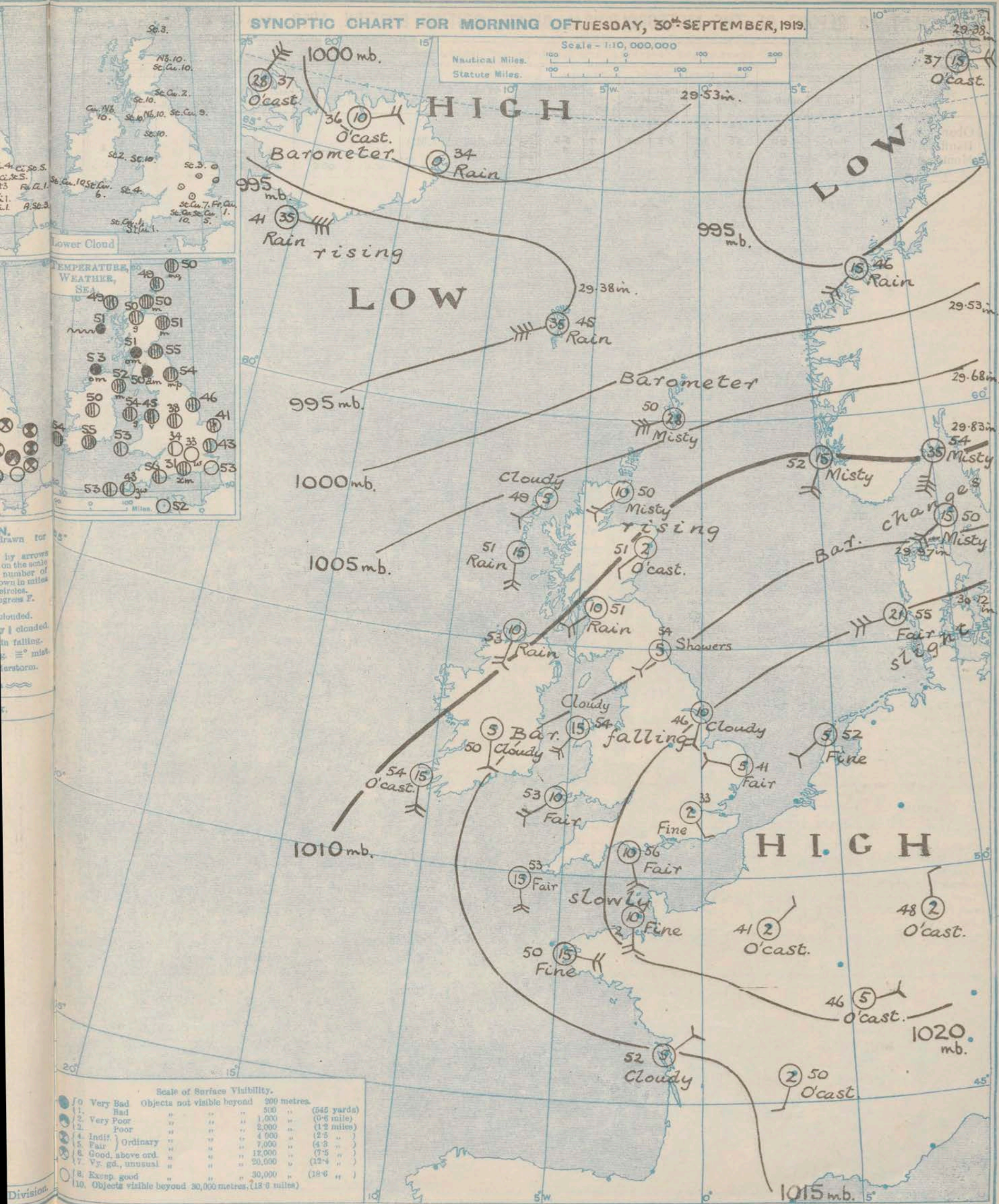
**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**  
 ○ clear sky. ○ sky & clouded.  
 ⊙ sky & clouded. ⊙ sky & clouded.  
 ⊕ overcast sky. ⊕ rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist.  
 T thunder. R thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough ~~~~~ High ~~~~~

Districts.	Forecasts for the 24 hours commencing 3 p.m. Tuesday, 30th September, 1919	Further Outlook.
1. S.E. England	Winds between S and SW increasing to fresh or strong in force. Fair at first, showers or some rain probable tomorrow. Milder than of late.	Continuing
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England	Fresh S to SW winds increasing in force. Cloudy or dull, rain at times. Moderate temperature.	unsettled
6. South Wales		
7. North Wales		
8. N.W. England		
9. N. Midlands	Fresh S to SE winds increasing in force. Dull, some rain, moderate temperature.	generally.
10. N.E. England		
11. E. Scotland		
12. S.W. Scotland		
13. Isle of Man	Strong to high S to SW winds. Dull, some rain.	
14. N. & N.W. Scotland		
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland	Moderate temperature.	
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		



# SYNOPTIC CHART FOR MORNING OF TUESDAY, 30<sup>th</sup> SEPTEMBER, 1919.

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





# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919.

No. 2718

Tuesday, 30th September

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 29th																			
STATIONS.		WEATHER		TEMPERATURE		Rainfall.		SUNSHINE.		STATIONS.		WEATHER		TEMPERATURE		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-19h. 28th.	Day. 19h-17h. 29th.	to 17h. 29th.	Sunrise to Sunset. 29th.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-19h. 28th.	Day. 19h-17h. 29th.	to 17h. 29th.	Sunrise to Sunset. 29th.
Scotland.	Oban ...	o	oro	54	40	3	3	-	2	England, N.W.	Douglas (I.O.M.)								
	Banff ...	roc	cbe	58	35	0.3	0.9	0.7	5.2		Blackpool ...	c	or	59	42	-	1	1.7	2
	Montrose ...	obc	o	55	42	1	-	1.4	2		Southport ...	oco	oco	56	39	-	-	3.0	10.0
	St. Andrews ...	o	o	54	40	-	-	0.7	2										
England, N.E.	Harrogate ...	bbee	co	56	39	-	-	3.4	10.6	Midlands.	Buxton ...	bcbcb	bcbcb	54	32	-	-	5.8	2
	Skegness ...										Leamington Spa...	bc	bc	53	30	-	-	9.0	7.3
	Scarboro'			58	40	0.2	-	6.0	2		Malvern ...	bxbbe	bybey	?	27	-	-	9.2	2
											Ross-on-Wye ...								
England, E.	Felixstowe ...	bc	bc	58	34	-	-	9.4	3.2	Wales.	Rhyl ...	bcc	c	56	37	-	-	2.4	7.6
	Walton-on-Naze...										Colwyn Bay ...	-	-	59	43	-	-	3.6	6.8
	Southend-on-Sea...	cbebm	bcb	60	37	-	-	9.2	7		Llandudno ...	o	od	57	40	-	-	2.0	-
											Aberystwyth ...	rc.b	co	57	52	-	-	5.5	-
England, S.E.	Margate ...	b	b	46	40	-	-	10.1	?	England, S.W.	Weymouth ...								
	Ramsgate ...	o	o	56	37	0.4	-	0.7	?		Teignmouth ...								
	Folkestone ...	by	bey	59	45	0.4	-	10.2	0.0		Torquay ...	b	bbee	59	38	-	-	9.7	10.5
	Hastings ...	b	b	57	39	-	-	10.9	2.5		Paignton ...	bm	bm	59	33	-	-	9.7	?
	Eastbourne...	b	bbe	56	39	-	-	10.7	4.1		Penzance ...	bc	bcb	58	40	-	-	9.8	9.5
	Brighton ...	b	bbe	56	36	-	-	1.0	6.0		Newquay ...	b	b	59	35	-	-	9.0	9.5
	Worthing ...	b	bbe	58	34	-	-	10.5	6.0		Bude ...								
	Littlehampton	b	bc	55	52	-	-	10.2	6.9		Ilfracombe ...								
	Bournemouth	b	b	58	32	-	-	9.1	0.0		Weston-s-Mare ...	b	bbe	61	34	-	-	10.0	2
	Tunbridge Wells	b	b	58	30	-	0.1	9.9	2										

SUMMARIES FOR PAST 24 HOURS.											THE BEAUFORT SCALE OF WIND FORCE.		
STATIONS.	WEATHER					Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	RAINFALL.		No.	Limits of Velocity.	
	7h-13h 29th	13h-19h 29th	19h-1h 30th	1h-7h 30th	7h-13h 29th				Day 7h-13h 29th	Night 13h-19h 29th		Statute miles per hour.	Metres per second.
†Houton Bay (Orkney)...	ri	orm	g	g	54	46	*	*	*	*	0	Less than 1	Less than 0.3
Eskdalemuir ...	oor	orm	orm	orm	50	44	50	9	10	0.0	1	1-3	0.3-1.5
†Stranraer ...	pg	x	U	op	54	43	*	*	*	*	2	4-7	1.6-3.3
†Lough Foyle ...	ri	ri	rg	rg	54	46	*	*	*	*	3	8-12	3.4-5.4
Valencia (Cahiroveen) ...	copo	od	odpo	odpo	57	53	51	-	-	0.8	4	13-15	5.5-7.9
†Anglesey (Llangefni) ...	cop	or	opd	opd	56	39	*	*	*	*	5	16-24	8.0-10.7
Falmouth ...	bey	byz	bw	bw	59	40	32	-	-	9.9	6	25-31	10.8-13.8
†Calshot (Hants) ...	b	bbe	bbee	bbe	58	39	*	*	*	*	7	32-38	13.9-17.1
†Capel (Folkestone) ...	bbe	bbe	bbe	bbe	52	37	*	*	*	*	8	39-46	17.2-20.7
Aberdeen ...	ozra	ogebc	bem	om	54	44	36	1	-	0.1	9	47-54	20.8-24.4
†East Fortune ...	bccq	bccq	bccq	bccq	55	44	*	*	*	*	10	55-63	24.5-28.4
†Flamborough Hd. ...	bbe	om	bccq	bccq	55	44	*	*	*	*	11	64-75	28.5-33.5
†Felixstowe ...	b	bcc	bbe	bbe	56	36	*	*	*	*	12	Above 75	33.6 or above
†Cranwell (Lincs) ...	bbe	bcc	bbe	bbe	58	39	*	*	*	*	Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity. 0 = slight, 2 = heavy. Underlining is used to express continuity.		
†Bedford ...	b	bccz	bz	bzx	58	30	*	*	*	*			
Benson ...	b	b	b	b	57	29	22	-	-	*			
London (Kew Obsy.) ...	bmwb	bbe	bm	bm	57	32	22	-	-	8.7			

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.					
		15 h. G. M. T.	9 h. G. M. T.																
		Morning	Afternoon.	Night.	24 HOURS ENDED 24 H. G. M. T. 30th.			YESTERDAY.		TO-DAY.									
Greenwich (Royal Observatory).	b.bcz	o.c	bex	61	32	23	-	9.6	50	76	Vertical Component of Solar Radiation per Square Centimetre during yesterday.		30th September, & 1st October 1919.						
City (Bunhill Row) ...	*	*	*	*	*	*	*	7.3	51	78									
Westminster (St. James's Park)	*	*	*	60	34	27	-	8.5	51	78			Stations.	Sunrise.	Noon.	Sunset.			
" (Admiralty Arch)	bm	b.bc	bc.b.bf	60	42	32	-	8.7	53	68			G. M. T.	G. M. T.	G. M. T.				
Camden Sq. (British Rainfall)	b3.b	b.bc	*	60	33	32	-	6.2	52	79	Yarmouth ... {		5.53	11.43	5.33				
Kensington Palace ...	bc.	b	*	59	34	24	-	*	18h 61	91	Greenwich {		5.56	11.43	5.30				
											Total ... 11.46 .....		Joules.		Wick ... {		6.0	11.50	5.40
													Milliwatts.		Valencia ... {		6.2	11.50	5.38
											Average Rate.		27.1				6.17	12.2	5.47
											Maximum Rate.		51				6.19	12.2	5.45
																	6.41	12.31	6.21
																	6.43	12.31	6.19

## NOTES ON THE WEATHER OF YESTERDAY.

Temperatures continued fairly low for the time of year in the south of England. Elsewhere the temperature was about normal. At night the temperature fell to 26°F at South Farnborough and to 29°F at Benson. Grass minima as low as 22°F are reported at Benson and at Kew Observatory. Rain fell in Scotland, Ireland and in the north of England. 1.9mm were measured at Eskdalemuir over the 24 hours ending 7 a.m. today. Sunshine was poor in the north. In the south of England several stations recorded more than 10 hours.