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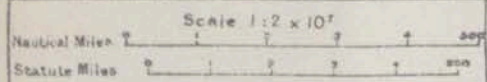
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AIR MINISTRY.
METEOROLOGICAL OFFICE.
LONDON.

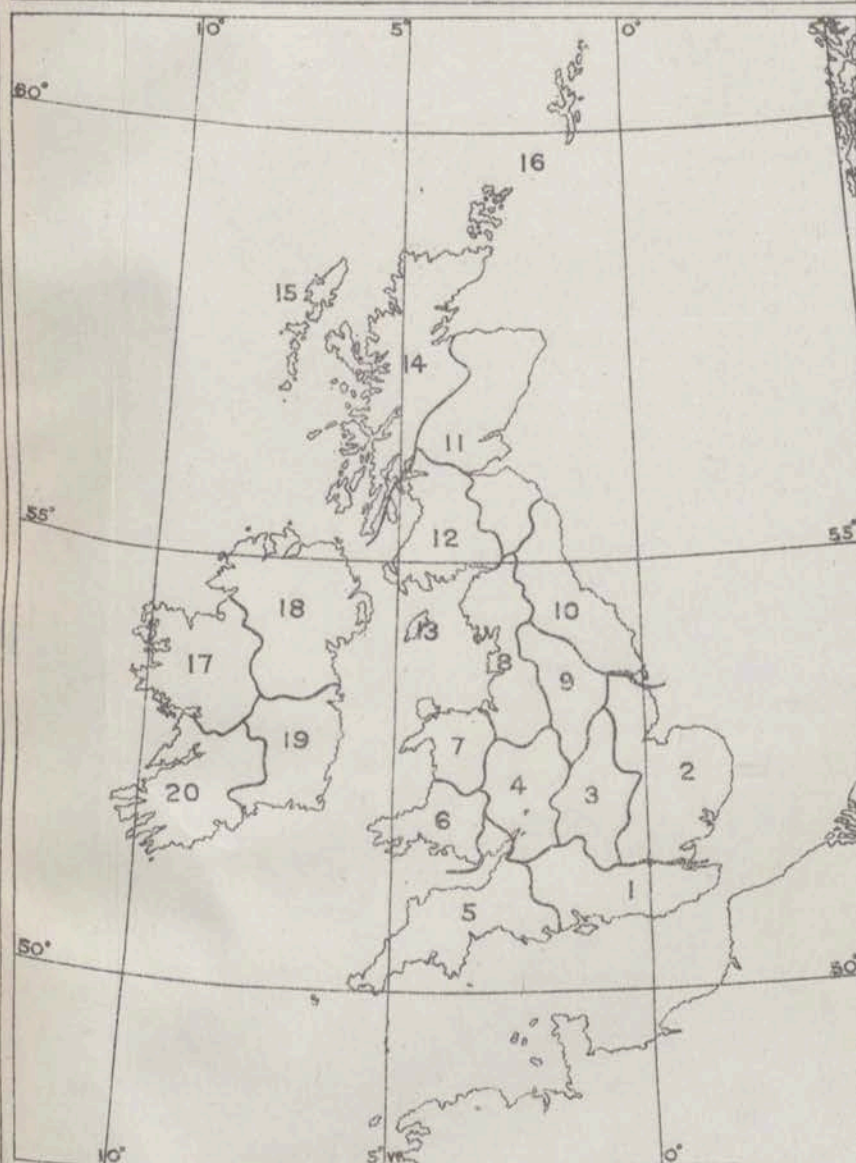
DAILY WEATHER REPORTS

1ST JULY TO 30TH SEPTEMBER, 1920.

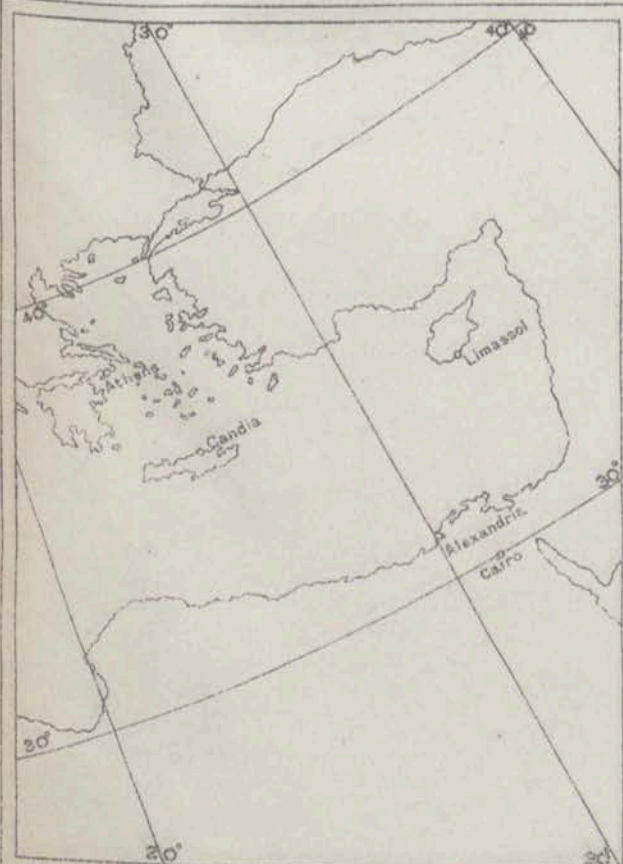
METEOROLOGICAL STATIONS.



DISTRICTS.



STATIONS USED FOR UPPER AIR SUPPLEMENT.



THE BEAUFORT SCALE OF WIND FORCE.

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

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered)
bc sky partly cloudy (one half covered).
c generally cloudy (three quarters covered).
o overcast sky. d drizzle.
e wet air without rain falling
f fog. g gloom.
h hail. l lightning
m mist. p passing showers.

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

BEAUFORT NOTATION.

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

WEATHER SYMBOLS

Clear sky	☉	Sky 2 clouded	☁
Sky 1 clouded	☁	Sky 3 clouded	☁
Overcast sky	☁	Rain falling	☔
Snow	❄	Sleet	❄
Fog	☁	Hail	☔
Thunder	☁	Mist	☁
Lightning	☁	Thunder, rain or sleet	☔
Aurora	☁	Gale	☁
Rime	☁	Solar halo	☁
Glazed frost	☁	Lunar halo	☁
Glazed roads	☁	Solar corona	☁
Snow lying	☁	Lunar corona	☁

AIR MINISTRY.

METEOROLOGICAL OFFICE, LONDON.

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



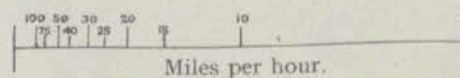
Pressure.—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on the British Section of the Report and for intervals of 4 millibars on the International Section. Values in millibars may be converted to mercury inches by the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

The wind at a height of 1,100–2,000 feet above ground usually blows *along* the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, *e.g.*, for isobars 1 inch apart (160 miles) in the Daily Weather Report the speed of the upper wind is about 12 m.p.h. in latitude 55°, with a temperature of 50° F. and a pressure of 1,015 mb. if, however, the isobars are $\frac{1}{2}$ inch apart the corresponding speed is 24 m.p.h.

The scale below can be used with both the International and the British Sections. If the distance between consecutive isobars is measured along the rule from the left-hand extremity the geostrophic wind is shown by the scale in miles per hour.

GEOSTROPHIC WIND SCALE FOR

4 mb. isobars on 1 : 2 × 10⁷ Charts.
or 2 mb. " " 1 : 10⁷ " "
or 1 mb. " " 1 : 5 × 10⁶ " "



This scale applies under the following conditions —

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

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

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

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

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

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

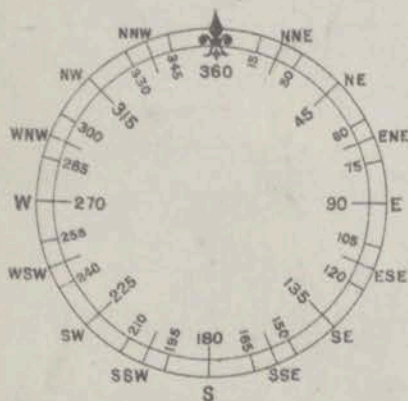
Weather.—In describing the distribution of weather over a district or during an interval of time such as a day, descriptive adjectives are used with the following meanings:—

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

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

Upper Winds.—The direction and velocity of the wind are given in the Upper Air Supplement for heights of 1,000 feet, 2,000 feet, 5,000 feet, 8,000 feet, 10,000 feet, and 15,000 feet. The data are usually based on Pilot Balloon ascents.

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



JULY.

AUGUST

SEPTEMBER.

ME

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DAILY WEATHER REPORT. APPENDIX I.

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

THIRD QUARTER, JULY TO SEPTEMBER.

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

JULY.

AUGUST.

SEPTEMBER.

STATIONS.	PRESSURE 1906-1915. 7 a.m. Observations (reduced to M.S. Level).	AIR TEMPERATURE.								RAINFALL 1881-1915.		BRIGHT SUNSHINE. 1881-1915.					
		Means of			Absolute Extremes.					Days with Rain.	Total Fall.	Daily Mean.	Per Centage of Possible Duration.				
		1906-1915.	1881-1915.		1881-1915.												
			Dry Bulb 7 a.m.	Daily Maximum.	Daily Minimum.	Maximum.		Minimum.									
						Temp.	Year.	Temp.	Year.								
Lerwick	1010.5	51.7	57.0	48.2	70	1897, 1911	37	1888	17	mm.	in.	hr.	%				
Stornoway	1013.1	53.5	60.2	48.9	76	1894	32	1888	21	77	2.29	4.68	27				
Castlebay (Barra Isd.)	1013.2	54.4	61.7	51.6	73	1914	44	1913	18	69	2.70	5.42	32				
Eskdalemuir	1014.8	51.8	62.8	46.9	83	1911	34	1914	16	90	3.56	5.10	31				
Malin Head	1013.4	54.5	60.6	52.3	79	1911	42	1888, 1902	19	72	2.84	—	—				
Blackod Point	1014.8	50.1	62.2	53.2	80	1894	42	1898	21	80	1.15	—	—				
Valencia	1016.3	56.9	63.8	53.8	81	1911	40	1907	21	96	3.78	5.13	32				
Roche's Point	1016.5	56.6	64.7	53.7	76	1887, 1912	43	1907	45	73	2.88	—	—				
Birr Castle	1015.4	55.2	66.3	51.1	86	1911	37	1889	17	75	2.05	4.65	29				
Donaghadee	1014.6	54.5	64.2	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	6.01	37				
Holyhead	1015.1	56.9	63.3	53.6	85	1901	43	1888	16	66	2.61	5.87	36				
Pembroke (St. Ann's Hd.)	1015.7	56.4	62.3	54.5	81	1911	43	1910	14	63	2.47	6.68	42				
Seilly (St. Mary's)	1016.7	57.9	64.8	56.2	78	1911	47	1910	15	56	2.22	6.97	43				
Falmouth	1017.0	58.6	65.8	55.1	80	1897	46	1897	15	72	2.84	7.26	46				
Jersey (St. Aubin's)	1017.4	60.2	68.3	56.4	87	1900, 1901	44	1907, 1909	13	53	2.10	7.94	51				
Portland Bill	1016.2	58.5	64.5	55.8	79	1901, 1912	49	1900, 1907	11	44	1.74	—	—				
Dungeness	1015.6	59.1	66.6	55.1	82	1900	40	1890	12	46	1.81	—	—				
Dover	1015.5	59.7	66.7	53.8	87	1911	43	1913	14	56	2.19	6.77	43				
Wick	1012.9	52.6	60.6	48.4	80	1899, 1901	30	1886	18	67	2.61	—	—				
Nairn	1013.0	53.8	64.3	49.1	85	1901	36	1906	18	68	2.68	4.52	27				
Aberdeen	1013.5	55.1	62.8	50.3	81	1885	38	1898, 1903	17	71	2.81	5.13	30				
Leith	1013.7	55.8	65.8	51.4	81	1901	41	1887, 88, 92, 1903	16	65	2.55	—	—				
Tynemouth	1014.2	55.8	64.2	51.3	82	1911	39	1909	14	61	2.40	—	—				
Spurn Head	1014.4	57.4	65.0	54.3	86	1911	44	1888	12	45	1.78	5.10	31				
Yarmouth	1014.8	58.1	66.2	54.7	87	1881	42	1890	13	59	2.34	6.45	40				
Clacton-on-Sea	1015.5	58.8	67.7	54.7	81	1911	40	1901	11	49	1.92	7.00	44				
Nottingham	1015.2	57.0	69.7	52.2	92	1881	37	1888	15	61	2.38	5.71	35				
LONDON (Kew Obsy.)	1016.1	58.5	71.0	54.3	90	1881	43	1881, 1884	12	55	2.17	6.48	41				
Lerwick	1010.4	52.4	57.1	48.4	81	1910	38	1885, 95, 1909	20	76	3.01	—	—				
Stornoway	1011.4	53.3	60.0	49.0	75	1897, 1899	33	1888	22	101	3.97	4.29	28				
Castlebay (Barra Isd.)	1012.1	55.0	61.8	51.2	75	1911	44	1912	18	81	3.27	4.65	31				
Eskdalemuir	1014.0	51.8	61.8	46.5	79	1914	31	1912	18	79	4.79	4.19	29				
Malin Head	1013.8	55.0	61.0	52.8	80	1900	42	1912	21	90	3.52	—	—				
Blackod Point	1014.0	50.6	62.1	53.4	78	1899, 1911	42	1887, 88, 1912	21	80	4.58	—	—				
Valencia	1014.9	57.1	63.9	51.9	81	1899	42	1890, 1912	22	122	4.79	5.00	35				
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	81	1911	35	1885, 1887	19	97	3.81	4.58	32				
Donaghadee	1013.2	54.5	61.1	51.9	78	1899	38	1886	19	84	3.32	—	—				
Liverpool (Observatory)	1014.0	56.7	65.0	53.9	87	1911	44	1885	17	78	3.08	5.88	38				
Holyhead	1014.0	57.5	63.4	54.0	86	1914	45	1888	17	81	3.18	6.06	42				
Pembroke (St. Ann's Hd.)	1014.8	57.4	62.8	55.1	82	1911	46	1912	16	80	3.15	6.16	43				
Seilly (St. Mary's)	1015.8	58.7	65.0	56.6	76	1911	48	1912	16	67	2.62	7.10	50				
Falmouth	1016.3	58.4	65.4	55.1	77	1909	44	1890	16	83	3.25	6.81	48				
Jersey (St. Aubin's)	1017.0	61.2	68.8	57.1	89	1893	45	1890, 1909	14	62	2.44	7.74	54				
Portland Bill	1015.6	59.6	65.2	56.5	81	1911	47	1912	12	54	2.12	—	—				
Dungeness	1015.4	59.7	67.3	55.3	82	1904	39	1890	13	50	1.98	—	—				
Dover	1015.6	59.9	67.3	54.2	89	1911	44	1913	14	58	2.27	6.87	48				
Wick	1011.2	52.6	60.6	48.2	85	1891	30	1886	21	70	2.75	—	—				
Nairn	1011.4	53.2	61.7	48.7	86	1899	33	1885, 91, 1904	19	61	2.41	4.13	28				
Aberdeen	1012.2	54.5	62.4	49.9	81	1882, 99, 1905	33	1885	18	70	2.74	4.84	32				
Leith	1012.4	55.5	65.4	51.2	81	1893, 1906	38	1881, 1892	17	75	2.94	—	—				
Tynemouth	1013.2	55.5	64.2	51.1	81	1893	38	1912	16	70	2.75	—	—				
Spurn Head	1013.7	57.7	65.1	54.4	87	1893	45	1902	14	54	2.11	5.55	38				
Yarmouth	1014.7	58.1	66.3	54.2	85	1891	41	1902	14	61	2.47	6.29	44				
Clacton-on-Sea	1015.1	59.1	67.5	54.9	84	1911	43	1908, 1915	14	47	1.86	6.87	48				
Nottingham	1014.5	55.8	68.4	51.2	94	1911	37	1908	16	61	2.49	5.42	37				
LONDON (Kew Obsy.)	1015.8	58.0	67.7	53.5	94	1911	41	1890	13	57	2.24	6.03	42				
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	1.81	30				
Castlebay (Barra Isd.)	1016.3	52.8	59.9	50.2	68	1914	39	1915	16	70	2.75	4.75	32				
Eskdalemuir	1017.9	46.3	58.1	41.6	71	1914	27	1910, 11, 14, 15	12	60	2.16	4.27	34				
Malin Head	1016.9	52.9	58.9	50.6	78	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	54.4	61.8	51.3	79	1898, 1906	45	1899	18	105	4.14	4.43	36				
Roche's Point	1019.1	54.6	61.8	51.4	71	1895, 1906, 11, 13	39	1893	16	75	2.97	—	—				
Birr Castle	1018.5	50.9	62.1	47.0	80	1906	29	1899	15	58	2.29	4.20	34				
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	4.47	36				
Holyhead	1018.5	54.9	61.0	51.8	77	1912	41	1912	15	68	2.68	5.00	45				
Pembroke (St. Ann's Hd.)	1018.6	54.7	60.8	52.8	74	1895	40	1885	14	69	2.71	5.00	40				
Seilly (St. Mary's)	1018.5	56.6	62.5	54.7	74	1911	44	1885, 88, 1912	15	62	2.45	5.60	45				
Falmouth	1019.3	55.1	62.1	52.7	75	1906	39	1885	15	74	2.91	5.41	44				
Jersey (St. Aubin's)	1019.3	57.7	66.0	54.6	89	1906, 1911	41	1891	14	61	2.41	6.20	50				
Portland Bill	1018.7	56.8	62.9	54.1	75	1911											

JULY.

AUGUST.

SEPTEMBER.

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

4 Results for 9 years, 1907-1915.
5 " " 8 " 1908-1915.
6 " " 6 " 1910-1915.

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

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

Notes on the Weather of September, 1920

During September conditions were in many respects more nearly normal than in the summer months. Temperature rose not infrequently to about 70° in the Southern districts but seldom exceeded 60° and occasionally failed to reach 55° in several parts of England. At Kew Observatory, Richmond, the deviation from the average was negligible as regards both maximum and minimum but at Nottingham the mean minimum was 2° below the normal. In this neighbourhood and some others (including Birr Castle in Ireland and Renfrew in Scotland) frost was recorded in the screen about 21st to 23rd. A few days earlier, in the rear of a depression which had crossed the British Isles, cold Northerly winds became general over the Kingdom: on the 19th notwithstanding ten or eleven hours sunshine readings remained about 60° or even lower.

About this date observations in the upper air indicated the existence of a very cold current, 10° to 15° below normal, e.g. at South Farnborough on 22nd 9° F. at a pressure of 650 mb. whereas near the beginning and end of the month there were few if any degrees of frost at the same pressure.

Aggregate rainfall amounts were very variable, the greatest at any of the stations included in these tables being in the Southwest: Cardiff 128 mm and Falmouth 103 mm. At the latter observatory 43 mm were measured during the 24 hours ending 7h. on 1st October. Thunderstorms occurred occasionally, mainly between 17th and 23rd.

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

Height.	Station.	No. of Obs.	Under 10 m.p.h.	10-25 m.p.h.	25-45 m.p.h.	45-70 m.p.h.	Above 70 m.p.h.
ft.							
2,000	Valencia.	19	3	13	2	1	0
5,000		14	3	7	4	0	0
10,000		10	0	5	5	0	0
15,000		5	0	1	4	0	0
2,000	Lymington.	51	21	27	3	0	0
5,000		23	7	14	2	0	0
10,000		9	4	3	2	0	0
15,000		4	1	1	2	0	0
2,000	Eskdalemuir.	45	6	32	7	0	0
5,000		25	7	10	8	0	0
10,000		10	1	7	2	0	0
15,000		5	0	4	1	0	0

UPPER AIR TEMPERATURE.

Pressure.	Normal Height.	Normal Temperature.	BALDONNEL.		SHOEBURYNESS.		S. FARNBORO'.		ANDOVER.	
			Mean.	No. of Reports.	Mean.	No. of Reports.	Mean.	No. of Reports.	Mean.	No. of Reports.
mb.	feet.	° F.	° F.		° F.		° F.		° F.	
950	1800	50°	51°	28	51°	6	50°	8	52°	16
850	4620	44°	43°	28	40°	6	41°	8	42°	16
750	8170	36°	35°	24	34°	6	30°	6	33°	15
650	11910	24°	24°	22	27°	1	18°	6	23°	11

MINIMUM SURFACE HUMIDITY.

Station.	No. of Days with Minima between Fixed Limits.								
	95-100 %	90-94 %	80-89 %	70-79 %	60-69 %	50-59 %	40-49 %	30-39 %	20-29 %
Renfrew ...	0	3	6	11	8	2	0	0	0
Eskdalemuir ...	0	1	5	3	7	8	5	1	0
Valencia ...	0	2	7	7	12	2	0	0	0
Falmouth ...	0	0	6	7	11	5	1	0	0
Aberdeen ...	0	2	3	6	3	7	7	2	0
Leith ...	*	*	*	*	*	*	*	*	*
Benson ...	0	0	3	8	8	8	3	0	0
London (Kew Obs.)	0	0	4	5	10	8	3	0	0

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

STATIONS.	1H.										7H.										13H.										18H.									
	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
Renfrew	*	*	*	*	*	*	*	*	*	*	2	3	5	4	5	4	5	2	0	0	0	0	1	1	2	9	6	10	1	0	0	0	2	1	5	9	6	4	2	1
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	0	1	2	4	3	2	4	11	2	1	0	0	0	2	2	6	4	7	9	0	0	0	2	2	4	5	2	11	2	
Valencia	0	0	6	2	1	2	5	7	7	0	0	0	0	2	1	4	5	17	1	0	0	0	0	1	4	1	4	19	1	0	0	0	4	1	3	5	14	3		
Baldonnell	*	*	*	*	*	*	*	*	*	*	0	0	0	0	2	1	4	5	17	1	0	0	0	0	1	4	1	4	19	1	0	0	0	4	1	3	5	14	3	
Manchester (Alex. Pk.)	0	0	0	5	3	18	2	2	0	0	0	0	0	3	4	6	7	7	3	0	0	0	0	1	2	4	7	11	3	2	*	*	*	*	*	*	*	*		
Falmouth	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0	0	1	1	9	4	5	5	4	1	0	0	0	7	15	1	3	4	0	0
Leith	0	0	0	1	2	8	16	3	0	0	0	2	1	3	8	9	5	2	0	0	0	0	0	1	4	9	7	9	0	0	0	1	1	5	5	7	2	7	2	
Lymington	*	*	*	*	*	*	*	*	*	*	0	0	2	0	5	9	4	1	9	0	0	0	0	0	1	5	6	8	10	0	0	0	0	0	2	6	4	6	12	0
Aberdeen	0	0	0	4	2	4	5	6	9	0	1	2	3	4	1	3	9	4	1	2	0	0	0	1	2	7	5	5	9	1	1	0	0	0	2	8	6	3	8	2
Greenwell	*	*	*	*	*	*	*	*	*	*	0	0	4	4	7	5	4	5	1	0	0	0	0	0	4	8	5	1	12	0	0	0	1	2	6	6	7	2	6	0
Benson	0	1	1	1	6	19	1	1	0	0	0	1	3	3	5	13	3	2	0	0	0	0	0	4	6	9	7	4	0	0	0	0	1	3	10	8	5	3	0	
London (Kew Obs.)	*	*	*	*	*	*	*	*	*	*	0	1	2	6	6	9	2	4	0	0	0	0	0	3	5	5	7	8	1	1	0	0	0	3	5	4	6	6	4	2
London	*	*	*	*	*	*	*	*	*	*	1	1	5	2	6	8	3	1	3	0	0	0	0	4	12	5	4	5	0	0	0	1	1	8	8	2	1	8	1	
Chaydon	0	0	0	2	5	12	5	5	1	0	0	1	3	2	6	7	7	3	1	0	0	0	0	2	4	9	7	8	0	0	0	0	1	4	7	2	8	8	0	

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

0. Dense fog.	Objects not visible at 50 metres (or yards)	4. Poor.	Objects not visible at 4,000 metres (or yards)	7. Good.	Objects not visible at 20,000 metres (12.4 miles)
1. Very Bad.	200 "	5. Indifferent.	" 7,000 " (4.3 miles)	8. Very Good.	Objects visible beyond 20,000 " (12.4 ")
2. Bad.	1,000 "	6. Fair.	" 12,000 " (7.5 ")	9. Excellent.	Exceptional visibility.
3. Very Poor.	2,000 "				



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:
BRITISH SECTION. No. B. 21468 WEDNESDAY... 1ST SEPTEMBER, 1920.

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

STATIONS.	OBSERVATIONS AND DIRECTIONS.															OBSERVATIONS AND DIRECTIONS.														
	BAROM. at M.S.L.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	HUMIDITY. %	VISIBILITY 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.	BAROM. at M.S.L.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	HUMIDITY. %	VISIBILITY 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.		
			Dir.	Force 0-12.						Form.	Amt. 6-10.	Form.	Amt. 0-10.				0-9.	Dir.						Force 0-12.	Form.	Amt. 6-10.	Form.		Amt. 0-10.	0-9.
13H. G.M.T. OF 31 ST AUG.															18H. G.M.T. OF 1 ST SEPT.															
Renfrew ...	1023.5	-2	-	0	02f	56	85	4	1250	St	10	-	-	4	1022.6	0	-	0	02f	55	85	4	1250	St	5	Cl. Cu	3	-	4	
Esksdalemuir ...	1023.3	-2	NE	1	b	58	85	2	-	-	-	-	-	4	1022.7	0	W	1	bc	55	75	1	-	-	Cl. St	2	-	4		
Valencia (Cahire'n) ...	1024.0	0	WSW	2	0.5	63	75	7	2,000	Cu	3	A. Cu	4	2	1024.7	+1	NW	2	c	59	85	8	1250	St	3	Cl. Cu	4	2		
Baldonnel ...	1023.3	-2	E	2	2f	60	85	3	-	-	-	-	-	4	1022.6	-1	E	2	2f	59	85	3	750	St	10	-	-	4		
Manchester (Alex. H.) ...	1023.0	-2	SSW	2	b	62	55	6	4,200	Cu	1	-	-	4	1022.1	0	NW	1	b2	60	97	4	-	-	Cl	3	-	4		
Ross on Wye ...	1023.0	-1	ENE	2	b	61	55	7	4,200	Cu	2	-	-	4	1022.1	-1	ESE	1	bc	59	75	7	-	-	Cl	6	-	4		
Falmouth ...	1023.7	0	SE	2	0.5	60	75	6	-	St	9	-	-	4	1023.0	-1	SSW	2	0.5	58	85	4	-	St. Cu	6	Cl	1	4		
Calshot (Hants) ...	1022.2	-1	NNE	1	0	62	65	8	3,000	St. Cu	10	-	-	2	1022.3	0	N	3	0.5	59	75	7	4,200	St. Cu	10	-	-	2		
Lymington (Folkestone) ...	1020.8	+1	N	-	0	57	85	7	1,250	St	10	-	-	4	1020.6	0	NNW	1	0	55	97	8	1,250	St. Cu	9	-	-	4		
Aberdeen ...	1023.7	-1	SSE	3	b	58	85	8	3,000	St	1	Cl. St	1	3	1022.4	-1	SSE	3	b	52	75	8	-	-	-	-	-	3		
Howden ...	1023.4	-1	N	1	CV	59	65	9	4,200	St. Cu	6	A. Cu	2	4	1022.8	0	-	0	bc	56	75	8	4,200	St	2	A. Cu	2	4		
Cranwell (Lincs) ...	1023.8	0	N	3	0	57	75	7	3,000	St	10	-	-	4	1022.5	-1	N	1	0.5	57	85	7	3,000	St	10	-	-	4		
Felixstowe ...	1021.2	0	NNW	3	od.	57	85	3	2,000	St. Cu	10	-	-	1	1021.2	+1	N	3	0.5	56	85	7	3,000	St. Cu	10	-	-	4		
Shoeburyness ...	1021.2	0	NE	3	0	59	75	7	2,000	St. Cu	5	-	-	4	1021.4	0	NNW	2	0	57	85	7	3,000	St. Cu	10	-	-	4		
Benson ...	1022.5	-1	N	2	0	59	75	5	-	Cu	10	-	-	4	1022.3	0	-	0	c	57	75	6	-	St	7	-	-	4		
S. Farnborough ...	1022.3	0	NNW	2	0	58	85	6	2,000	St. Cu	6	A. St	4	4	1022.3	0	NNW	1	0	56	75	7	4,200	St	10	-	-	4		
London (Kew Obs.) ...	1022.4	0	NNE	3	0.5	57	75	5	2,000	Cu	8	A. St	2	4	1021.9	0	NNW	2	0.5	57	75	5	2,000	St. Cu	8	A. St	2	4		
Croydon ...	1022.4	0	N	2	0.5	56	75	5	2,000	St	10	-	-	4	1022.2	0	N	3	0.5	56	85	5	2,000	St	8	A. St	2	4		
1H. G.M.T. OF 1 ST SEPT.															7H. G.M.T. OF 1 ST SEPT.															
Renfrew ...	1021.6	-2	-	0	bcw	59	97	7	-	-	-	-	-	4	1020.4	-1	SW	1	0.5	57	92	3	2,000	St	10	-	-	4		
Esksdalemuir ...	1021.6	-2	-	0	bcw	59	97	7	-	-	-	-	-	4	1020.4	-1	-	0	0.5	57	92	3	2,000	St	10	-	-	4		
Valencia (Cahire'n) ...	1021.1	0	NNW	4	bc	62	85	8	-	-	-	-	-	4	1021.4	+1	NW	2	0	55	85	8	2,000	Cu	2	A. St	5	8		
Baldonnel ...	1023.1	0	W	3	0.5	65	97	8	1,250	St	10	-	-	4	1024.7	+3	W	4	c	49	92	6	750	St. Cu	1	Cl. St	6	4		
Manchester (Alex. H.) ...	1021.6	-1	-	0	0.5	61	97	4	-	-	-	-	-	4	1021.6	-1	-	0	0.5	61	97	4	-	-	-	-	-	4		
Ross on Wye ...	1021.6	-1	-	0	0.5	61	97	4	-	-	-	-	-	4	1021.6	-1	NNE	1	0	61	97	4	-	-	-	-	-	4		
Falmouth ...	1023.9	0	W	1	0.5	62	97	4	-	-	-	-	-	4	1023.6	0	SW	2	0.5	61	97	4	-	-	-	-	-	4		
Calshot (Hants) ...	1022.4	0	NNW	1	0.5	64	92	6	3,000	St. Cu	10	-	-	4	1021.9	0	NW	2	0.5	63	92	5	7,200	-	-	A. St	9	2		
Lymington (Folkestone) ...	1020.3	-1	NNW	4	0.5	63	92	6	750	St	4	A. St	5	4	1020.2	0	NW	4	0.5	63	92	6	2,000	St	4	-	-	4		
Aberdeen ...	1022.2	-1	-	0	0.5	64	97	3	2,000	St	2	-	-	4	1019.9	-1	S	1	0.5	65	92	6	2,000	Cu	9	-	-	2		
Howden ...	1022.2	-1	-	0	0.5	64	97	3	2,000	St	2	-	-	4	1020.8	0	W	0	0.5	65	97	3	3,000	St	4	A. St	2	4		
Cranwell (Lincs) ...	1022.4	0	NNW	2	0.5	64	97	3	4,200	St	2	Cl	1	4	1021.3	0	W	1	0.5	65	97	3	5,700	St. Cu	9	-	-	4		
Felixstowe ...	1022.4	0	NNW	2	0.5	64	97	3	4,200	St	2	Cl	1	4	1019.9	0	NW	4	0.5	65	97	4	2,000	St	10	-	-	4		
Shoeburyness ...	1022.4	0	NNW	2	0.5	64	97	3	4,200	St	2	Cl	1	4	1020.4	0	NNW	1	0	65	97	4	3,000	St. Cu	10	-	-	4		
Benson ...	1022.4	0	NNW	2	0.5	64	97	3	4,200	St	2	Cl	1	4	1021.0	0	-	0	c	64	97	4	-	St	8	-	-	4		
S. Farnborough ...	1022.4	0	NNW	2	0.5	64	97	3	4,200	St	2	Cl	1	4	1021.4	0	W	1	0	64	97	4	2,000	St. Cu	8	A. Cu	6	4		
London (Kew Obs.) ...	1022.4	0	NNW	2	0.5	64	97	3	4,200	St	2	Cl	1	4	1021.5	+1	W	1	0.5	64	97	4	4,200	St. Cu	9	A. St	1	4		
Croydon ...	1022.4	0	NNW	2	0.5	64	97	3	4,200	St	2	Cl	1	4	1022.0	0	NNW	1	0.5	63	97	4	3,000	St	5	A. Cu	2	4		

STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.

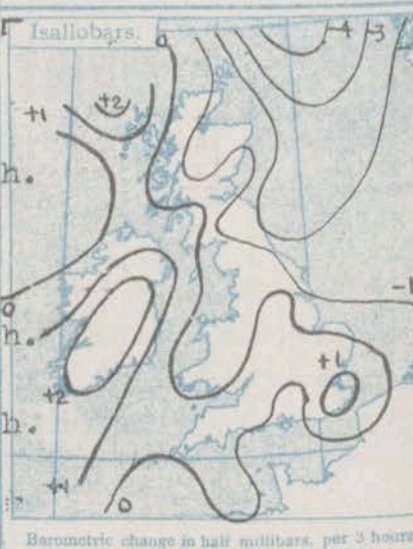
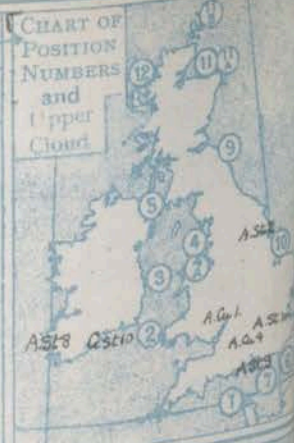
STATIONS.	18H. G.M.T. of 31 ST AUG.												7H. G.M.T. of 1 ST SEPT.												24 HOURS ENDED 7H. 1 ST SEPT.												Sunshine Hours.
	Barom. at M.S.L.		Temp.		Wind.		Weather.		Barometer.		Temperature.		Wind.		Dir. of Upper Cloud.		Weather.		Sea	Rainfall	Temp.		Weather.		Night.	Hours.											
	mb.	°F.	Dir.	Force 0-12.	at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.	Dir.	Force 0-12.	Dir.	Force 0-12.	Dir.	Force 0-12.	Dir.	Force 0-12.	Dir.	Force 0-12.	Max. °F.	Min. °F.	Morning.	Afternoon.													
Lerwick	1022.6	53	S	1	c	1019.9	-4	53	+1	SSE	2	S	bc	1	-	54	46	c	c	c	c	c	c	c	c	3											
Stornoway	1020.5	60	S	1	02	1020.0	+2	53	+1	WNW	3	-	0.5	2	4	64	62	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.2											
Castlebay (Barrels)	1020.5	57	S	3	Yf	1021.1	0	54	-2	WNW	6	-	bc	1	2	58	50	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0											
Malin Head	1021.4	57	W	1	om	1021.5	0	54	-1	NW	3	NW	bc	3	2	62	62	bcw	omf	omf	omf	2.2	1	1	62	62	2.2										
Blacksod Point	1021.4	57	W	2	0	1023.6	0	55	-4	NW	2	-	bc	2	-	62	49	cm	bc	bc	bc	2	1	1	62	49	2										
Roche's Point	1024.0	61	SE	1	c	1026.4	+3	54	-3	WNW	3	-	0	1	0.1	63	53	02	02	02	02	3.0	1	1	63	53	3.0										
Birr Castle	1023.3	62	W	1	0	1024.9	0	48	-9	W	1	-	c	1	-	64	46	02	20	20	20	3.0	1	1	64	46	3.0										
Donaghadee	1022.2	55	S	2	om	1022.6	+2	62	-1	W	2	-	bc	1	1	61	61	cm	cm	cm	cm	1	1	1	61	61	1										
Liverpool (Bliston)	1022.2	57	NNW	2	bc	1021.0	-1	62	+4	WNW	2	-	bc	2	1	59	48	bcw	bcw	bcw	bcw	7.6	1	1	59	48	7.6										
Holyhead	1022.3	57	NE	3	bcw	1021.8	+1	66	+4	NW	5	N	0.5	4	2	62	60	bcw	bcw	bcw	bcw	8.5	1	1	62	60	8.5										
Pembroke (St. Ann's Head)	1022.3	59	WNW	1	cm	1023.1	0	56	+3	NNW	3	-	0	2	-	61	58	cm	cm	cm	cm	3.3	1	1	61	58	3.3										
Scilly (St. Mary's)	1023.6	59	-	0	om	1024.6	0	60	+1	NNW	3	N	c	3	-	62	56	om	om	om	om	0.3	1	1	62	56	0.3										
Jersey (St. Aubin)	1022.1	57	N	3	b	1023.2	0	56	+1	WNW	2	NNW	bc	2	-	61	48	bc.c.	bc.c.	bc.c.	bc.c.	6.5	1	1	61	48	6.5										
Portland Bill	1022.1	59	NW	3	bc	1022.1	0	57	+2	NW	2	-	c	3	-	61	48	bc.b.	bc.b.	bc.b.	bc.b.	1	1	1	61	48	1										
Dunagness	1020.3	58	NNE	3	c	1019.7	+1	54	+2	NNW	3	NE	c	3	-	61	47	c	c	c	c	1	1	1	61	47	1										
Wick	1020.2	51	SSE	2	bc	1018.1	-1	52	+3	NW	1	-	om	2	-	54	48	c.bc.	bc	bc	bc	2.4	1	1	54	48	2.4										
Nairn	1020.9	53	E	1	bcw	1019.2	0	52	+2	-	0	-	0.5	1	10	56	47	om.c.	c.bc.	c.bc.	c.bc.	1	1	1	56	47	1										
Leith	1022.1	56	ENE	1	b	1019.9	0	52	+2	SW	1	-	om	1	0.5	60	51	om.bc	bc.b.	bc.b.	bc.b.	1	1	1	60	51	1										
Tynemouth	1023.2	55	ENE	2	b	1020.7	-2	48	-2	SW	1	-	f	2	-	57	46	b	b	b	b	1	1	1	57	46	1										
Spurn Head	1021.3	55	NNE	4	c	1020.2	-1	54	-1	NNW	4	-	0	3	-	58	50	0	0	0	0	0.0	1	1	58	50	0.0										
Yarmouth (for London)	1019.7	55	NNW	4	m	1019.1	0	53	0	N	3	-	0.5	2	1	57	55	cm	cm	cm	cm	0.0	1	1	57	55	0.0										
Clacton-on-Sea	1023.8	56	NW	3	0	1019.7	+1	54	+3	NW	3	-	0.5	2	-	58	50	c.oghd	oghd	oghd	oghd	0.0	1	1	58	50	0.0										
Nottingham	1022.5	58	NE	1	c	1021.1	0	46	-4	W	1	-	0.5	1	-	59	41	c.c.	c.c.	c.c.	c.c.	0.4	1	1	59	41	0.4										

SUMMARY OF CONDITIONS AT 7 h.G.M.T. 1.9.1920.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Mostly dull, local fog.	Indiff.	Smooth.
2. E. England	Dull, foggy, gloomy.	"	"
3. E. Midlands	Foggy.	Bad	-
4. W. Midlands	Overcast, foggy.	"	-
5. S.W. England	Dull, misty.	Fair	Slight.
6. South Wales	Dull.	Good	Smooth.
7. North Wales	Dull, squally.	V. Good	Mod.
8. N.W. England	Overcast, foggy.	Bad	Smooth.
9. N. Midlands	Overcast, foggy.	"	-
10. N.E. England	Foggy.	"	Slight.
11. E. Scotland	Foggy, some rain.	Fair	Smooth.
12. S.W. Scotland	Dull, rainy.	Poor	V. Smooth.
13. Isle of Man	Fair, misty.	Fair	Smooth.
14. N. & N.W. Scotland	Dull, drizzle, showery.	"	"
15. Hebrides	Dull, drizzle, showery.	Good	"
16. Orkneys and Shetlands	Fair.	"	V. Smooth.
17. N.W. Ireland	Fair.	V. Good	Smooth.
18. N.E. Ireland	Fair.	"	V. Smooth.
19. S.E. Ireland	Dull.	Indiff.	"
20. S.W. Ireland	Dull.	"	Slight.

Temperature reported from Coastal and
Cross Channel Steamers

Position Number	Date	Time G M T	Sea ° F	Air ° F
5	31 ST Aug.	0730	54	54
3	31 ST	0915	55	56
6	31 ST	1436	61	61
2	1 ST SEPT.	0110	54	58
4	1 ST	0330	60	60
12	1 ST	0254	54	55
8	1 ST	0448	60	54



EXPLANATION.—Isobars are drawn at intervals of two millibars.

WIND.—Direction is shown by the arrow pointing with the wind. Force, indicated by the number 1-12, is indicated by the number of feathers. Mean velocity is shown in feet per hour by figures to right of the arrow.

TEMPERATURE.—Mean temperature is given in degrees F.

WEATHER SYMBOLS.—

☉	clear sky.	☁	sky 1/4 clouded.	☁	sky 1/2 clouded.	☁	sky 3/4 clouded.	☁	sky 100% clouded.
☁	overcast sky.	☁	rain.	☁	rain & snow.	☁	hail.	☁	thunder.
☁	snow.	☁	fog.	☁	mist.	☁	thunderstorm.	☁	high sea.
☁	T under.	☁	R. thunderstorm.	☁	High sea.	☁	High sea.	☁	High sea.

SEA DISTURBANCE.—

Booth

Further Outlook.

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

The anticyclone has divided into two and a belt of relatively low pressure extends from Germany to Iceland. Under these conditions the prospects are very uncertain. Rain is improbable during the next 24 hours in Southern England and Southern Ireland, but elsewhere unsettled weather is likely for a day or two with occasional rain. Light to moderate winds mainly from between W. and N.W. are likely in all districts.

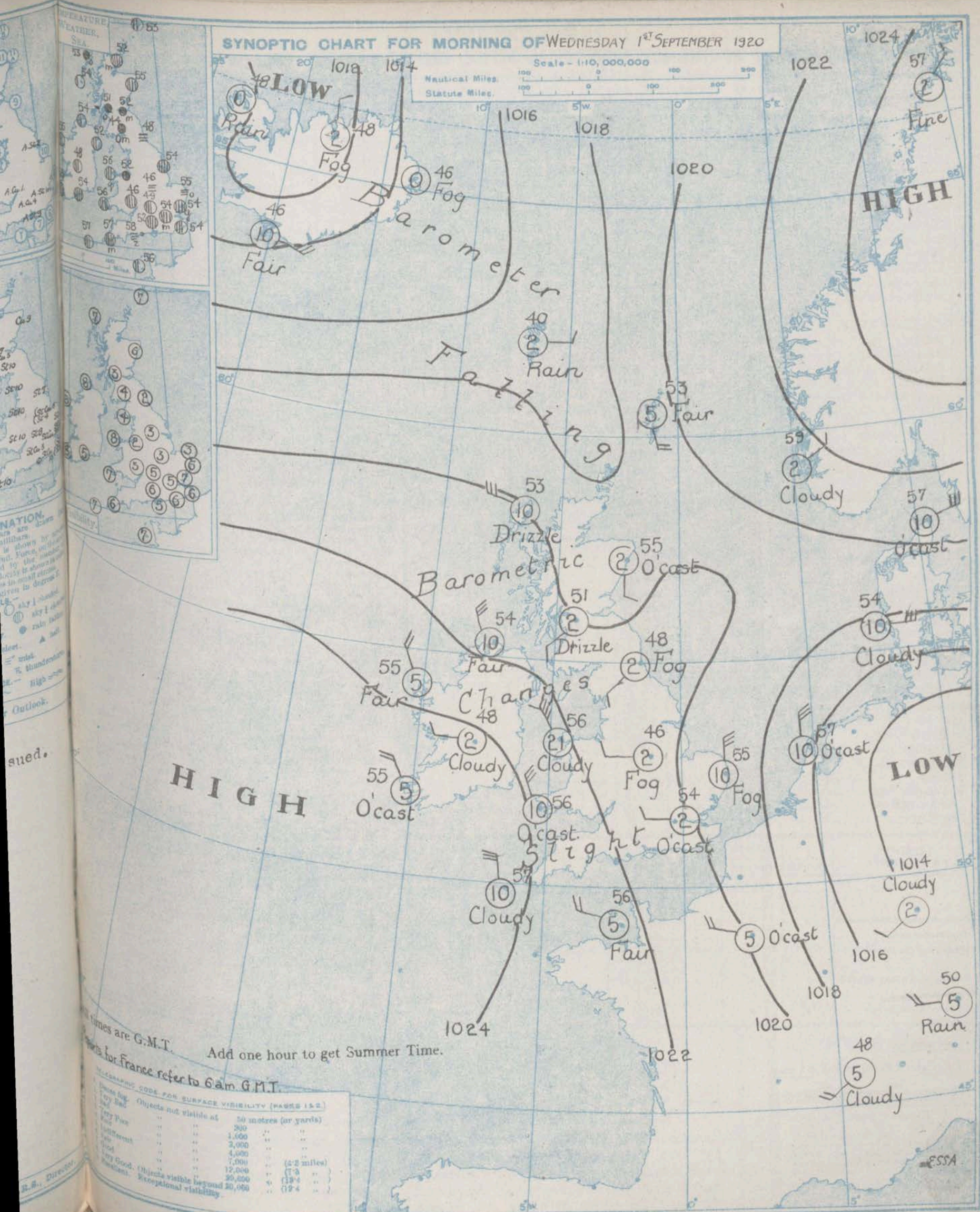
Districts.	Forecasts for the 24 hours commencing 15h. GMT. Wednesday, 1st September, 1920.
1. S.E. England	Light to moderate N.W. wind; much low cloud, visibility fair during the day; continuing rather cold.
2. E. England	
3. E. Midlands	Light to moderate N.W. wind; much low cloud, some drizzle locally, visibility fair during the day; continuing rather cold.
4. W. Midlands	
5. S.W. England	Light to moderate N.W. wind; much low cloud at times, visibility fair to good; continuing rather cold.
6. South Wales	
7. North Wales	Light to moderate W. or N.W. wind; much low cloud at times, some rain, visibility mainly fair to good; moderate or rather low temperature.
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	Light to moderate N.W. wind; much low cloud at times, visibility fair to good; moderate temperature.
19. S.E. Ireland	
20. S.W. Ireland	

None issued.

SYNOPTIC CHART FOR MORNING OF WEDNESDAY 1ST SEPTEMBER 1920

Scale - 1:10,000,000

Nautical Miles
Statute Miles.



Add one hour to get Summer Time.

6am GMT

CODE FOR SURFACE VISIBILITY (PARAG 15-2)			
Objects not visible at	50 metres (or yards)		
Very Poor	200		
Poor	1,000		
Intermediate	2,000		
Good	4,000		
Very Good	7,000		(5.2 miles)
Excellent	12,000		(7.3)
	20,000		(12.4)
	20,000		(12.4)

Obstacle visible beyond exceptional visibility

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 249.

WEDNESDAY
26th SEPT. 1920

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. F.	Min. F.	Night, 12h-1h.	Day, 9h-17h.	to 17h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. F.	Min. F.	Night, 12h-1h.	Day, 9h-17h.	to 17h.	Sunrise to Sunset.
Scotland.									England, N.W.								
Oban ...	c.z.c.	b.c.	62	53	-	-	1.5	2.9	Douglas (I.O.M.)	x	x	58	51	-	-	1.4	4.3
Banff ...	c.b.c.	b.	58	36	-	-	6.8	9.8	Blackpool ...	b2	b2	60	44	-	-	10.1	8.6
Montrose ...	c.b.c.	b.c.	57	46	-	-	5.3	4.8	Southport ...	b	b.b.c.	60	56	-	-	10.7	7.5
St. Andrews ...	b	b	60	48	-	-	8.7	0.0	Morecambe ...	x	x	64	43	-	-	6.8	6.0
England, N.E.									Midlands.								
Harrogate ...	b.c.o.	b.c.o.	61	43	-	-	5.2	5.0	Buxton ...	b.c.b.c.	b.b.g.c.b.	59	35	-	-	7.5	2.0
Scarborough ...	b	b	67	48	-	-	7.7	0.0	Leamington Spa...	b.c.	c.b.	59	45	-	-	7.1	3.0
Skegness ...	o	o	58	47	-	-	0.1	1.1	Malvern ...	z.b.c.	b.c.	63	47	-	-	7.9	2.3
England, S.									Bath ...	o.c.b.c.	b.b.c.	65	44	-	-	10.0	10.5
Lowestoft ...	o.d.	o.d.	59	51	-	-	0.0	1.5	Rhyl ...	b.c.b.	b.	58	45	-	-	9.0	9.0
Felixstowe ...	o.g.	o.g.	59	47	0.2	-	0.0	6.8	Colwyn Bay ...	x	x	58	47	-	-	9.7	9.8
Southend-on-Sea...	o	o	60	45	-	0.1	0.0	9.1	Llandudno ...	x	x	58	47	-	-	6.5	7.0
England, S.E.									Wales.								
Tunbridge Wells	a	o	59	42	-	-	0.0	9.4	Aberystwyth ...	o.c.b.	b.b.c.	62	50	-	-	6.9	5.1
Margate ...	o	o	58	52	-	-	0.0	1.4	Tenby ...	b	b.c.	64	52	-	-	5.6	6.4
Ramsgate ...	x	x	59	50	-	-	0.0	3.8	Swansea ...	x	x	61	53	-	-	10.0	10.7
Folkestone ...	o	o	60	49	-	-	0.1	9.4	Weymouth ...	b.c.g.	b.c.	68	44	-	-	6.5	9.2
Hastings ...	c.o.	o	60	47	-	-	0.8	10.8	Teignmouth ...	c.b.c.	b.	62	53	-	-	5.3	8.9
Eastbourne ...	b.c.z.b.	o	61	46	-	-	1.5	8.6	Torquay ...	b.c.b.	b	61	54	-	-	8.8	8.8
Brighton ...	o	o	61	46	-	-	2.4	11.0	Paignton ...	b.c.	b	62	53	-	-	0.0	2.4
Worthing ...	c	o	60	45	-	-	3.0	13.1	Penzance ...	o.b.c.	z.o.c.	62	53	-	-	2.2	3.8
Littlehampton ...	b	o.c.m.	61	47	-	-	4.2	12.0	Newquay ...	o.g.m.	b.c.	63	52	-	-	5.6	7.2
Portsmouth (S' thea)	x	x	60	47	-	-	5.2	11.9	Bude ...	b	b	64	52	-	-	7.3	6.2
Bournemouth ...	x	x	65	40	-	-	6.0	11.7	Ilfracombe ...	o.c.b.c.	b.c.b.g.	61	53	-	-	8.5	2.8
Ventnor (I. of W.)	x	x	64	47	-	-	6.0	9.8	Weston-s-Mare ...	c.b.c.b.	b.b.c.c.	63	46	-	-	-	-

SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.					TEMPERATURE.		RAINFALL.	Sun.
	7h-12h.	12h-18h.	18h-24h.	1h-7h.	1h-7h.	Max. F.	Min. F.		
Renfrew ...	g.f.e.	o.f.	3f. 0.3f.	1f. 0.3f.	1f. 0.3f.	60	51	44	0.0
Eskdalemuir ...	b.o.b.	b.b.c.	3.5w. 0.1	0.1w. 0.3f.	0.1w. 0.3f.	60	38	34	7.0
Valencia (Cahire'is)	b.b.c.c.	o.f.c.a.	0.1	0.1	0.1	64	52	45	1.7
Baldonnel ...	z.f.	o.f.	2.2. 0.1	0.1	0.1	60	39	33	0.0
MANCHESTER ... (ALCA 7h)	b.z.f.	b.b.c.z.	0.1	0.1	0.1	60	39	33	0.0
Ross on Wye ...	c.a.z.b.c.	b.b.c.z.b.c.	0.1	0.1	0.1	60	39	33	0.1
Falmouth ...	o.f.	o.f.z.f.	0.1	0.1	0.1	62	50	40	0.8
Calshot (Hants)...	b.b.c.c.	o.f.c.	0.1	0.1	0.1	64	50	40	6.6
Lympne (Folkstone)	o.f.g.h.d.	o.f.g.h.d.	0.1	0.1	0.1	58	49	31	0.0
Aberdeen ...	o.f.g.h.d.	b.b.c.b.	0.1	0.1	0.1	58	46	41	7.1
Howden ...	o.c.a.	v.b.c.	0.1	0.1	0.1	62	42	33	2.5
Cranwell (Lincs)...	o.f.o.	b.b.c.b.	0.1	0.1	0.1	59	45	30	0.0
Felixstowe ...	o.f.d.	o.f.d.	0.1	0.1	0.1	59	52	40	0.0
Shoeburyness ...	o	o	0.0	0.0	0.0	61	51	32	0.0
Benson ...	o	o	0.0	0.0	0.0	60	42	37	0.0
S. Farnborough ...	b.b.c.c.	o.f.	0.0	0.0	0.0	59	45	33	3.0
London (Kew Obs.)	o.f.	o.f.	0.0	0.0	0.0	60	49	38	0.5
Croydon ...	o.f.	o.f.	0.1	0.1	0.1	58	46	30	0.0

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog.
g gloom.
h hail.
i lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, i.e., rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

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

THE BEAUFORT SCALE OF WIND FORCE.

Limits of Velocity at about 30 feet above ground.		
No.	Statute miles per hour.	Meters per second.
0	Less than 1	0.3-1.9
1	1-3	1.6-3.3
2	4-7	3.4-4.4
3	8-12	5.5-7.9
4	13-18	8.0-10.7
5	19-24	10.8-13.7
6	25-31	13.8-17.7
7	32-38	17.8-20.7
8	39-46	20.8-24.4
9	47-54	24.5-28.4
10	55-63	28.5-32.3
11	64-75	32.4-39.3
12	Above 76	39.4 or above

SYMBOLS.

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

LONDON OBSERVATIONS.

	WEATHER.			TEMPERATURE.		Rain-fall.	Sun-shine to Sunset.		HUMIDITY %	
	Morning.	Afternoon.	Night.	Max. F.	Min. F.		16 h.	9 h.	16 h.	9 h.
24 HOURS ENDED 9h G.M.T. 1.5.2. SEPT.										
								YESTERDAY.	TO-DAY.	
Greenwich (Royal Observatory)	o	o	c.o.c.	61	53	49	-	0.0	74	65
City (Bunhill Row)	"	"	"	"	"	"	"	0.1	"	"
Westminster (St. James's Park)	"	"	"	62	53	48	-	0.1	76	69
						"				
Camden Sq. (British Rainfall)	o	o	"	63	51	48	-	"	71	64
Kensington Palace	"	o	"	61	51	48	-	"	77 (18h)	70
Hampstead Observatory ...	"	"	"	58	50	48	-	0.2	"	76

SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.	
Total ... 11.11 ... Joules.	
Average Rate ... 11.11 ...	
Maximum Rate ... 47 ...	

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

1.5.2. SEPT. 1920.		
Stations.	Sunrise G.M.T.	Sunset G.M.T.
Yarmouth ...	5.57	11.53
Greenwich ...	5.14	12.00
Wick ...	5.15	12.12
Valencia ...	5.54	12.41

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

Exposure from 21.00.00 to 22.00.00 m.				
Star.	Duration of Exposure.	Duration of Record.	h.	m.
Polaris	5	5	21	00
8 Ursae Minoris	5	5	21	00

NOTES ON THE WEATHER OF YESTERDAY.

The weather was again cool, the temperature for the most part barely exceeding 60°, and falling below 40° at night at some Northern Stations.

Rain was moderately heavy in parts of Scotland, 11mm near Glasgow and 10mm at Nairn. There were good records of sunshine in the West and North-East of England and also in Scotland, but the depression over Southern Germany caused dull weather in the East and South-East of England; with local drizzle. Mist or fog formed in many places at night.

* Information for these columns not usually received.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. 811469 THURSDAY, 20th SEPTEMBER, 1920.

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

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.																													
STATIONS.	BAROM. at M.S.L.	Change in 2 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea. 0-9.	BAROM. at M.S.L.	Change in 2 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea. 0-9.	
			Dirac.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dirac.	Force 0-12.						Form.	Amt. 0-10.				
12H. G.M.T. of 19th Sept.																													
Renfrew ...	1020.5	0	WNW	4	bc	61	55	7	4,200	Cu	3	Cu	2	1	1020.9	+1	W	3	0	57	65	7	4,200	St	9	Cu	1	1	1
Eskdalemuir ...	1020.1	0	WNW	3	0	55	75	7	3,000	St	10	-	-	1	1020.1	0	WNW	2	0	54	75	8	-	St	9	Cu	1	1	1
Valencia (Cahire's)	1020.5	0	WNW	3	0	59	75	8	2,000	Cu	4	AS	5	3	1020.0	-2	SSW	3	0	57	97	6	750	St	10	AS	6	0	0
Baldonnel ...	1020.1	-2	WNW	4	Cu	62	85	6	3,000	St	5	Cu	3	0	1020.7	0	WNW	2	0	57	75	7	4,200	Cu	3	AS	6	0	0
Manx (Alex Y3)	1021.2	0	W	1	Cu	53	92	2	2,000	Nb	9	-	-	1	1021.5	?	WNW	4	bc	55	75	7	4,200	St	1	Cu	5	0	0
Ross on Wye ...	1021.3	0	NE	3	Cu	61	75	7	3,000	St	6	Cu	2	1	1021.7	+1	WNW	3	0	58	65	9	4,200	St	4	AS	5	0	0
Falmouth ...	1021.4	+2	NW	4	0	62	75	8	-	St	8	Cu	1	1	1021.7	+1	WNW	4	bc	57	75	7	-	St	3	Cu	1	1	1
Calshot (Hants) ...	1021.4	0	NW	2	Cu	59	85	5	2,000	St	10	-	-	2	1021.5	0	NE	1	Cu	60	85	5	3,000	St	10	-	-	1	1
Lymington (Folkestone)	1020.3	0	NW	1	Cu	62	75	5	4,200	St	9	AS	1	1	1019.8	-1	-	0	Cu	58	65	5	5,700	St	10	-	-	1	1
Aberdeen ...	1019.9	+1	NW	2	Cu	55	92	6	2,000	St	10	-	-	2	1020.4	+1	NW	1	Cu	53	92	6	2,000	Nb	4	AS	6	2	2
Howden ...	1020.1	-1	-	0	Cu	55	85	4	4,200	St	9	AS	1	1	1019.8	0	WNW	1	Cu	56	85	5	3,000	St	9	AS	1	1	1
Cranwell (Lincs) ...	1020.2	-2	WNW	2	Cu	58	75	4	4,200	St	10	-	-	1	1020.3	0	W	3	Cu	58	72	4	2,000	St	9	-	-	1	1
Felixstowe ...	1020.2	-2	WNW	2	Cu	58	75	4	4,200	St	10	-	-	1	1020.3	0	W	3	Cu	58	72	4	2,000	St	9	-	-	1	1
Shoeburyness ...	1019.5	-1	NW	3	Cu	58	75	6	3,000	St	7	AS	3	1	1019.8	-1	-	0	Cu	58	85	5	3,000	St	10	-	-	1	1
Benson ...	1020.6	+1	NW	1	Cu	62	65	5	4,200	St	7	AS	3	1	1020.8	0	WNW	1	Cu	57	85	4	-	Cu	7	-	-	1	1
S. Farnborough ...	1020.6	+1	WNW	1	Cu	56	92	3	-	St	10	-	-	1	1020.8	0	WNW	1	Cu	57	85	4	-	Cu	7	-	-	1	1
London (New Obey) ...	1021.0	0	NW	1	Cu	61	85	6	3,000	St	10	-	-	1	1021.0	0	WNW	1	Cu	58	85	6	3,000	St	3	AS	3	1	1
Croydon ...	1020.7	-1	WSW	2	Cu	63	65	8	-	St	8	AS	2	1	1020.7	0	WNW	2	Cu	58	85	8	3,000	St	9	AS	1	1	1
1020.9	-1	WNW	2	Cu	61	75	5	3,000	St	10	-	-	1	1021.0	0	WNW	3	Cu	57	85	4	1,250	St	8	AS	1	1	1	
1H. G.M.T. of 20th Sept.																													
Renfrew ...	1020.4	-1	-	0	Cu	43	92	7	-	AS	7	-	-	1	1019.6	-3	-	0	Cu	60	92	2	750	St	10	-	-	1	1
Eskdalemuir ...	1020.7	-1	WNW	4	Cu	54	97	4	4,200	St	10	-	-	1	1019.6	-2	-	0	Cu	50	97	3	8,000	St	10	-	-	1	1
Valencia (Cahire's)	1020.2	-1	N 3	Cu	54	97	4	4,200	St	10	-	-	1	1020.4	-2	WNW	4	Cu	54	97	3	1,200	St	10	-	-	1	1	
Baldonnel ...	1020.2	-1	N 3	Cu	54	97	4	4,200	St	10	-	-	1	1020.4	-2	WNW	4	Cu	54	97	3	1,200	St	10	-	-	1	1	
Manx (Alex Y3)	1020.2	-1	N 3	Cu	54	97	4	4,200	St	10	-	-	1	1020.4	-2	WNW	4	Cu	54	97	3	1,200	St	10	-	-	1	1	
Ross on Wye ...	1020.2	-1	N 3	Cu	54	97	4	4,200	St	10	-	-	1	1020.4	-2	WNW	4	Cu	54	97	3	1,200	St	10	-	-	1	1	
Falmouth ...	1020.2	-1	N 3	Cu	54	97	4	4,200	St	10	-	-	1	1020.4	-2	WNW	4	Cu	54	97	3	1,200	St	10	-	-	1	1	
Calshot (Hants) ...	1020.2	-1	NW	2	Cu	54	92	6	-	St	8	-	-	1	1020.6	-1	SW	1	Cu	52	92	5	1,250	Nb	10	-	-	1	1
Lymington (Folkestone)	1020.7	+1	WNW	2	Cu	61	92	6	4,200	St	8	-	-	1	1020.3	-2	NNW	4	Cu	58	92	6	-	Nb	10	-	-	1	1
Aberdeen ...	1020.6	0	-	0	Cu	61	97	4	5,700	St	10	-	-	1	1021.9	-1	NN	1	Cu	63	85	7	3,000	St	10	-	-	1	1
Howden ...	1020.2	-1	-	0	Cu	60	92	6	3,000	St	8	AS	2	1	1020.3	0	NW	3	Cu	57	97	3	5,700	St	9	-	-	1	1
Cranwell (Lincs) ...	1020.2	-1	-	0	Cu	60	92	6	3,000	St	8	AS	2	1	1020.3	0	NW	3	Cu	57	97	3	5,700	St	9	-	-	1	1
Felixstowe ...	1020.2	-1	-	0	Cu	60	92	6	3,000	St	8	AS	2	1	1020.3	0	NW	3	Cu	57	97	3	5,700	St	9	-	-	1	1
Shoeburyness ...	1020.2	-1	-	0	Cu	60	92	6	3,000	St	8	AS	2	1	1020.3	0	NW	3	Cu	57	97	3	5,700	St	9	-	-	1	1
Benson ...	1020.2	-1	-	0	Cu	60	92	6	3,000	St	8	AS	2	1	1020.3	0	NW	3	Cu	57	97	3	5,700	St	9	-	-	1	1
S. Farnborough ...	1020.2	-1	-	0	Cu	60	92	6	3,000	St	8	AS	2	1	1020.3	0	NW	3	Cu	57	97	3	5,700	St	9	-	-	1	1
London (New Obey) ...	1021.1	0	-	0	Cu	62	85	5	1,250	St	8	AS	1	1	1021.0	0	NW	3	Cu	57	85	4	1,250	St	8	AS	1	1	1
Croydon ...	1021.9	0	N 3	Cu	61	97	4	5,700	St	10	-	-	1	1021.0	0	NW	3	Cu	57	85	4	1,250	St	8	AS	1	1	1	
7H. G.M.T. of 20th Sept.																													
Renfrew ...	1020.4	-1	-	0	Cu	43	92	7	-	AS	7	-	-	1	1019.6	-3	-	0	Cu	60	92	2	750	St	10	-	-	1	1
Eskdalemuir ...	1020.7	-1	WNW	4	Cu	54	97	4	4,200	St	10	-	-	1	1019.6	-2	-	0	Cu	50	97	3	8,000	St	10	-	-	1	1
Valencia (Cahire's)	1020.2	-1	N 3	Cu	54	97	4	4,200	St	10	-	-	1	1020.4	-2	WNW	4	Cu	54	97	3	1,200	St	10	-	-	1	1	
Baldonnel ...	1020.2	-1	N 3	Cu	54	97	4	4,200	St	10	-	-	1	1020.4	-2	WNW	4	Cu	54	97	3	1,200	St	10	-	-	1	1	
Manx (Alex Y3)	1020.2	-1	N 3	Cu	54	97	4	4,200	St	10	-	-	1	1020.4	-2	WNW	4	Cu	54	97	3	1,200	St	10	-	-	1	1	
Ross on Wye ...	1020.2	-1	N 3	Cu	54	97	4	4,200	St	10	-	-	1	1020.4	-2	WNW	4	Cu	54	97	3	1,200	St	10	-	-	1	1	
Falmouth ...	1020.2	-1	N 3	Cu	54	97	4	4,200	St	10	-	-	1	1020.4	-2	WNW	4	Cu	54	97	3	1,200	St	10	-	-	1	1	
Calshot (Hants) ...	1020.2	-1	NW	2	Cu	54	92	6	-	St	8	-	-	1	1020.6	-1	SW	1	Cu	52	92	5	1,250	Nb	10	-	-	1	1
Lymington (Folkestone)	1020.7	+1	WNW	2	Cu	61	92	6	4,200	St	8	-	-	1	1020.3	-2	NNW	4	Cu	58									

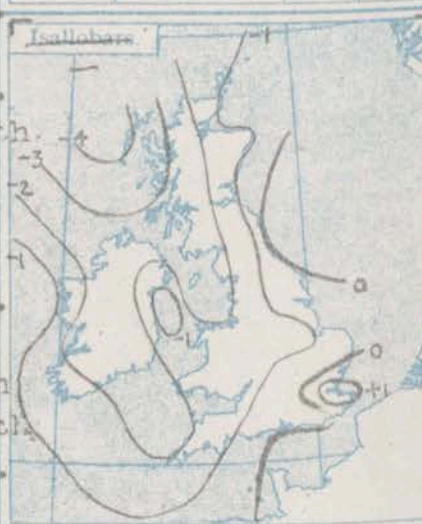
SUMMARY OF CONDITIONS AT 7 h.G.M.T. 2.9.1920.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Mostly dull: local mist & (drizzle.	Fair	Smooth.
2. E. England	Overcast, foggy.	Bad	V. Smooth.
3. E. Midlands	Cloudy, misty.	Indiff.	-
4. W. Midlands	Dull, rainy, foggy.	V. Poor	-
5. S.W. England	Dull, drizzle.	Good	Mod.
6. South Wales	Squally, drizzle, misty.	Indiff.	Slight.
7. North Wales	Rainy, foggy.	Poor	Calm.
8. N.W. England	Dull, drizzle.	Indiff.	Smooth.
9. N. Midlands	Dull, msity, local rain.	"	-
10. N.E. England	Fair to gloomy.	Poor	Smooth.
11. E. Scotland	Cloudy, squally, local fog.	Bad	V. Smooth.
12. S.W. Scotland	Overcast, rainy.	Fair	"
13. Isle of Man	Dull, rainy, misty.	Indiff.	"
14. N. & N.W. Scotland	Cloudy.	Poor	Smooth.
15. Hebrides	Overcast, rainy.	Good	Slight.
16. Orkneys and Shetlands	Dull, misty.	Indiff.	Calm.
17. N.W. Ireland	Overcast, raony.	Good	R. Rough.
18. N.E. Ireland	Overcast, misty, rainy.	Indiff.	V. Smooth.
19. S.E. Ireland	Dull.	Fair	Smooth.
20. S.W. Ireland	Overcast, rainy.	"	Mod.

Temperature reported from Coastal and Cross Channel Steamers.

Position Number.	Date	Time G.M.T.	Sea ° F	Air ° F
5.	27th	07.30	54	54
3.	27th	09.15	55	56
6.	27th	14.35	60.5	61
2.	28th	01.10	57	57.5
12.	28th	02.34	54	55
7.	28th	03.30	60	60
10.	28th	04.48	60	57
8.	28th	06.00	55	56
5.	28th	08.00	55	56
3.	28th	09.20	58.5	58
1.	28th	11.18	59.5	60.5
2.	28th	01.00	55.5	54.5
44.	28th	03.12	59	57

CHART OF POSITION NUMBERS AND UPPER CLOUD.



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

The barometer is falling in the North and West and the Kingdom generally is falling under the influence of a deep depression centred over Iceland. Some rain is probable in all districts during the ensuing 24 hours.

EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of two millibars.
WIND.—Direction is shown by a flag with the wind force.
TEMPERATURE.—Temperature is shown by a thermometer.
WEATHER SYMBOLS.—
clear sky. ☐
sky & clouds. ☁
overcast sky. ☁
fog. ☁
T. thunder. ⚡
SEA DISTURBANCE.—
Rough. ~~~~~
High. ~~~~~
Further Outlook.

Districts.	Forecasts for the 24 hours commencing 15h.G.M.T. Thursday, 2nd September, 1920.
1. S.E. England	Wind S.W. to W., moderate, fresh locally; cloudy or overcast, some rain, visibility indifferent to fair, mist locally; rather cool.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	Wind between S. and W., moderate or fresh; rainy, visibility indifferent, some mist; rather cool.
8. N.W. England	
9. N. Midlands	
10. N.E. England	Light Southerly wind; cloudy or overcast, some rain, visibility indifferent, some mist; rather cool.
11. E. Scotland	
12. S.W. Scotland	As for 7 - 9.
13. Isle of Man	
14. N. & N.W. Scotland	Wind S.E. or S., light to moderate; overcast, some rain, visibility indifferent, some mist; rather cool.
15. Hebrides	
16. Orkneys and Shetlands	Wind Westerly, moderate or fresh; some rain, fairer intervals, visibility fair; rather cool.
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Unsettled for two or three days.

SYNOPTIC CHART FOR MORNING OF THURSDAY 2ND SEPTEMBER 1920

Scale = 1:10,000,000

Nautical Miles
Statute Miles



HIGH

All times are G.M.T.

Add one hour to get Summer Time.

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

ALPHABETIC CODE FOR SURFACE VISIBILITY (PAGE 15-2)

Very Poor	300		
Poor	1,000		
Fair	3,000		
Good	5,000		
Very Good	7,000		(4-2 miles)
Excellent	12,500		(7-8 " "
Objects visible beyond	20,000		(13-4 " "
Exceptional visibility	30,000		(17-4 " "

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 246

THURSDAY 1920
2ND SEPTEMBER.

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 1ST SEPT.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.
Oban ...	o.c.b.c.	b.b.c.	60	52	3	-	2.3	1.5	Douglas (I.O.M.)	o	o	59	50	0.3	-	7.8	9.9
Banff ...	o.d.	d.o.t	54	45	-	1	0.0	7.9	Blackpool ...	o	c	61	46	5	0.4	5.3	10.1
Montrose ...	o.f	o	56	48	-	1	0.0	5.5	Southport ...	p.o.c	c.b.c	59	46	3	-	3.7	10.7
St. Andrews ...	o	o	54	42	-	4	0.0	8.7	Morecambe	o	o	62	45	1	-	2.3	10.1
Harrogate ...	o	o	58	43	-	-	0.0	6.3	Buxton ...	b.c.c	c.d.m.t.	55	43	-	3	0.1	6.8
Scarborough ...	b	b	61	48	-	-	0.0	8.9	Leamington Spa...	o.d	c.b.	63	42	-	-	1.0	7.5
Skegness ...	o	o	58	53	-	-	0.0	0.1	Malvern ...	o.c	c	63	47	-	-	3.9	?
Lowestoft ...	o	o	58	54	0.4	2	0.0	0.0	Bath ...	o.m.a	o.c.b.c.c	67	41	-	-	2.0	7.9
Felixstowe ...	o.g	o.g	60	55	-	-	0.0	0.0	Rhyl ...	p.c.b.c	b.c.b	59	45	2	-	4.8	10.0
Southend-on-Sea...	o	o.f.c	64	52	-	0.2	0.1	0.0	Colwyn Bay ...	o	o	59	47	3	-	6.5	10.3
Tunbridge Wells	b.c	c.o	65	52	-	-	1.7	0.0	Llandudno ...	o	o	60	45	2	-	7.0	7.0
Margate ...	o	o.g	60	55	-	-	0.0	0.0	Aberystwyth ...	o.c.	b	59	49	-	-	6.8	6.9
Ramsgate ...	o	o	61	52	-	-	0.0	0.0	Tenby ...	b.c.c.	b.c	64	49	1	-	6.6	5.8
Folkestone ...	o.g	o.g	64	54	-	-	0.0	0.1	Swansea ...	o	o	65	56	1	-	2.5	10.0
Hastings ...	c.b.c	c.o	66	53	-	-	1.4	0.8	Weymouth ...	o.z	o.b.c	68	46	-	-	5.0	7.8
Eastbourne ...	o	b.c	64	54	-	-	2.8	1.5	Teignmouth ...	o.c.b.c	b.c.b	67	44	-	-	5.5	8.9
Brighton ...	c	c.b.c	64	52	-	-	1.9	2.4	Torquay ...	o.z.b.c.b	b.b.c.b	69	50	-	-	4.9	9.0
Worthing ...	b.c	c	64	52	-	-	3.5	3.0	Paignton ...	o.m.b.c	b.c.b.g	67	47	-	-	5.2	0.0
Littlehampton ...	o.c.b.c	o.c.m	63	52	-	-	1.6	4.2	Penzance ...	c.o.b.c	b.c.c	64	51	-	-	3.5	2.2
Portsmouth (S. thase.)	o	o	62	59	-	-	1.7	5.2	Newquay ...	o.b.v	b.o.c.v	60	52	-	-	5.4	5.8
Bournemouth ...	o	o	63	42	-	1	1.0	6.0	Bude ...	b.c	b	65	47	Trace	-	4.6	8.0
Ventnor (I. of W.)	o	o	64	53	-	-	1.5	6.0	Ilfracombe ...	o.c.b.c	b.c.c.	62	53	-	2	3.5	5.8
									Weston-s-Mare ...	o.f.b.c	b.c.c.	67	49	-	-	-	-

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 at about 30 feet above ground.	
	7h-12h/ST	12h-18h/ST	18h-01h/ST	1h-7h/ST				Day, 7h-12h	Night, 12h-7h				Statute miles per hour.	Metres per second.
Renfrew ...	b.c.c.b.c	b.b.c.	c.o.o.f	o.c.b.c	62	47	4.6	1	7.1	b blue sky (not more than a quarter covered).	0	Less than 1	Less than 0.5	
Eskdalemuir ...	o.c.o.	o.c.o.	c.o.p.d.	o.c.p.d.	59	41	3.7	0	0.7	bc sky partly cloudy (one half covered).	1	1-5	0.5-1.5	
Valencia (Cahire'n)	o	o	o.f	o.f	60	55	0.6	0	0.0	c generally cloudy (three quarters covered).	2	4-7	1.5-2.5	
Baldonnel ...	c.o.z.	c.o	c.o	o.f	63	48	0.2	2	7.4	d drizzle, or fine rain.	3	8-15	2.5-4.0	
MANCHESTER (ALAN)	o.g.f.o	o.f	b.c.c	o.f	60	46	3.6	0	0.1	e wet air without rain falling.	4	15-18	4.0-5.0	
Ross on Wye...	o.g.f.o	o.f	b.c.c	o.f	60	46	0.3	0	3.5	f fog, g gloom.	5	19-24	5.0-6.5	
Falmouth ...	o	o	b.c.c	o.f	64	51	0.3	0	3.9	h hail, i lightning.	6	25-31	6.5-8.5	
Calshot (Hants)...	c.o.f.o	c.o.f	o.f	b.b.c	62	50	0.2	-	1.2	m mist, o overcast sky.	7	32-38	8.5-10.5	
Lympne (Folkestone)	o.f.o	o.f	o.f	o.f	63	48	4.4	-	0.3	p passing showers.	8	39-46	10.5-12.5	
Aberdeen ...	o.f	o.f	o.f	o.f	57	41	3.6	-	0.1	q squalls, r rain.	9	47-54	12.5-15.0	
Howden ...	o.f	o	o.f	o.f	59	45	4.3	-	0.2	rs sleet, i.e., rain and snow together.	10	55-63	15.0-17.5	
Cranwell (Lincoln)	o.f	o.f	o.f	o.f	59	48	-	-	0.0	s snow, t thunder.	11	64-75	17.5-20.5	
Felixstowe ...	o.f	o.f	o.f	o.f	60	52	-	-	-	u ugly, threatening sky.	12	Above 75	20.5 or above	
Shoeburyness ...	o.z	o.f	o.f	o.f	63	48	4.7	0.2	0.2	v unusual visibility.				
Benson ...	o	o	b.c.c	b.c.c	62	41	3.4	0.2	-	w dew, x hoar frost.				
S. Farnborough ...	o.f	o.f	b.c.c	b.c.c	63	43	3.7	-	2.6	y dry air; humidity less than 60 per cent.				
London (Kew Obs.)	o.f	o.f	b.c.c	b.c.c	63	49	4.3	0.2	1.3	z dust haze; the turbid atmosphere of dry weather.				
Croydon ...	c.o.o.f	o.f	o.f	o.f	63	48	-	0.1	-	Capital letters indicate intensity, and repetition of letters continuity, thus:- R = heavy rain. rr = continuous moderate rain. r.r. = continuous light rain.				

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).		
WEATHER.			TEMP.		RAINFALL.		SUNSHINE.		HUMIDITY %		Vertical Component of Solar Radiation per Square Centimetre during yesterday.	
Morning.	Afternoon.	Night.	Max. F.	Min. F.	Min. on Grass F.	mm.	to Sunset.	Hours.	15 h. G.M.T.	9 h. G.M.T.	Total	Milliwatts.
24 HOURS ENDED 9h G.M.T. 2ND SEPT.										YESTERDAY.		
Greenwich (Royal Observatory)	o	o	64	48	41	-	0.7	78	69	TO-DAY.		
City (Bunhill Row)	o	o	65	48	42	-	0.9	71	66	Vertical Component of Solar Radiation per Square Centimetre during yesterday.		
Westminster (St. James's Park)	o	o	65	48	42	-	1.3	71	66	Total 823 Joules.		
Camden Sq. (British Rainfall)	c.b.c	b.c.c	65	44	43	-	7.3	64	64	Average 24 h. 16.7		
Kensington Palace	o	o	64	45	42	-	0.5 (13h)	72	72	Maximum Rate. 50		
Hampstead Observatory	o	o	63	46	40	Trace	13	77	77			

Photographic Record of Pole Star (Polaris) and of 3 Ursae Minoris at Greenwich Observatory.				NOTES ON THE WEATHER OF YESTERDAY.			
Exposure from 2.0 h. to 2.0 h. m.				Rain in small or moderate amounts fell in nearly all localities, mainly during the afternoon and night. The fall was heaviest in Ireland, 10mm being measured at Blacksod Point. Sunshine was most abundant at Castlebay 9.3 hours and Holyhead 9.0 hours. Temperature continued low for the season maxima being generally below 65° except at a few Southern Stations.			
Stars.	Duration of Exposure.	Duration of Record.	%				
Polaris	5.0	0.25	6				
3 Ursae Minoris	5.0	0.9	2				



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:
BRITISH SECTION. No. B21470 ... FRIDAY, 3RD SEPTEMBER, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H 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.	BAROM.	Change	WIND.	WEATHER.	TEMP.	HUMIDITY.	Visibility.	Height	Low Cloud.	Upper Cloud.	Sea.																										
	at M.S.L.	in 3 hours.	Dir.		°F.	%	0-9.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.	mb.		in 3 hours.	Dir.	°F.	%	0-9.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.		0-9.	mb.	in 3 hours.	Dir.	°F.	%	0-9.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.																				
12H. G.M.T. OF 2ND																														18H. G.M.T. OF 2ND																													
Renfrew ...	1011.9	-4	-	0	56	92	4	2,000	Nb	10	-	1010.0	-1	-	0	57	97	2	1,250	Sc	10	-	-	1010.0	-1	-	0	57	97	2	1,250	Sc	10	-	-	-																							
Eskdalemuir ...	1013.3	-4	SE	3	52	97	5	1,250	Nb	10	-	1010.9	-2	SE	3	55	97	3	750	Nb	10	-	-	1010.9	-2	SE	3	55	97	3	750	Nb	10	-	-	-																							
Valencia (Cahire's) ...	1017.6	-3	WSW	5	60	97	5	750	Sc	10	-	1016.0	-2	WSW	4	60	97	4	750	Sc	10	-	-	1016.0	-2	WSW	4	60	97	4	750	Sc	10	-	-	-																							
Baldonnell ...	1013.8	-3	W	4	59	97	3	750	Sc	10	-	1012.8	-1	W	4	60	97	4	1,250	Nb	10	-	-	1012.8	-1	W	4	60	97	4	1,250	Nb	10	-	-	-																							
Manchester (Alex. R.) ...	1015.9	-4	S	4	55	92	4	750	Nb	10	-	1013.3	-4	S	2	57	92	4	750	Nb	10	-	-	1013.3	-4	S	2	57	92	4	750	Nb	10	-	-	-																							
Ross on Wye ...	1017.4	-3	WSW	4	60	85	7	2,000	Nb	2	A.Cu	8	1015.1	-3	SW	3	56	92	7	2,000	Nb	9	A.Cu	1	1015.1	-3	SW	3	56	92	7	2,000	Nb	9	A.Cu	1	-																						
Falmouth ...	1021.8	-2	WSW	4	60	85	7	-	Nb	5	A.St	5	1019.4	-2	SW	5	59	92	5	-	Nb	7	A.Cu	3	1019.4	-2	SW	5	59	92	5	-	Nb	7	A.Cu	3	-																						
Calshot (Hants) ...	1019.7	-3	WSW	3	59	97	5	750	Sc	10	-	1017.5	-1	W	3	58	85	6	2,000	Sc	1	A.Cu	9	1017.5	-1	W	3	58	85	6	2,000	Sc	1	A.Cu	9	2	-																						
Lymington (Folkestone) ...	1019.4	-1	W	5	59	65	8	4,200	Cu	1	A.Cu	9	1017.1	-3	SW	2	55	97	0	750	Sc	10	-	1017.1	-3	SW	2	55	97	0	750	Sc	10	-	-	-																							
Aberdeen ...	1013.9	-3	SE	3	55	85	6	2,000	Nb	10	-	1011.4	-3	SE	2	53	97	3	1,250	Nb	10	-	-	1011.4	-3	SE	2	53	97	3	1,250	Nb	10	-	-	3																							
Howden ...	1015.8	-4	SW	3	59	75	6	4,200	Sc	3	A.Cu	7	1013.6	-3	-	0	56	97	2	2,000	Sc	6	A.Cu	4	1013.6	-3	-	0	56	97	2	2,000	Sc	6	A.Cu	4	-																						
Cranwell (Lincoln) ...	1017.4	-3	SSW	3	58	85	6	3,000	Sc	10	-	1015.0	-3	S	2	56	97	5	1,250	Nb	10	-	-	1015.0	-3	S	2	56	97	5	1,250	Nb	10	-	-	-																							
Felixstowe ...	1018.1	-3	W	4	65	45	6	4,200	Cu	2	A.Cu	3	1016.7	-2	WSW	5	56	92	6	1,250	Sc	10	-	-	1016.7	-2	WSW	5	56	92	6	1,250	Sc	10	-	-	2																						
Shoeburyness ...	1018.6	-3	W	4	60	65	5	2,000	Sc	10	-	1016.6	-2	-	0	56	92	5	2,000	Sc	8	A.Cu	2	1016.6	-2	-	0	56	92	5	2,000	Sc	8	A.Cu	2	-	-																						
Benson ...	1017.6	-3	SW	2	56	92	4	-	Nb	10	-	1016.3	-2	WSW	1	58	85	6	-	Sc	10	-	-	1016.3	-2	WSW	1	58	85	6	-	Sc	10	-	-	-																							
S. Farnborough ...	1021.3	-3	SW	3	56	97	6	1,250	Sc	10	-	1017.0	-2	SW	3	58	97	5	1,250	Nb	10	-	-	1017.0	-2	SW	3	58	97	5	1,250	Nb	10	-	-	-																							
London (Kew Obs.) ...	1018.8	-6	SW	2	59	85	5	2,000	Sc	9	A.Cu	1	1016.3	-3	WSW	2	59	85	5	4,200	Sc	9	A.Cu	1	1016.3	-3	WSW	2	59	85	5	4,200	Sc	9	A.Cu	1	-	-																					
Croydon ...	1019.9	-3	SW	3	56	85	7	2,000	Sc	10	-	1017.1	-3	SW	2	58	85	7	1,250	Sc	6	A.Cu	4	1017.1	-3	SW	2	58	85	7	1,250	Sc	6	A.Cu	4	-	-																						
1H. G.M.T. OF 3RD																														7H. G.M.T. OF 3RD																													
Renfrew ...	1011.1	0	NN	4	55	92	6	-	Sc	8	-	1013.5	+2	NNN	2	52	85	6	4,200	Cu	4	A.St	5	1013.5	+2	NNN	2	52	85	9	2,000	Sc	3	Cu	6	-	-																						
Eskdalemuir ...	1012.0	0	NNN	3	57	-	-	-	-	-	-	1013.3	+2	NNN	2	52	85	9	2,000	Sc	3	Cu	6	1013.3	+2	NNN	2	52	85	9	2,000	Sc	3	Cu	6	-	-																						
Valencia (Cahire's) ...	1012.0	0	NN	2	59	97	4	4,500	Sc	10	-	1017.3	+5	WNW	2	54	92	3	4,500	Sc	10	-	-	1017.3	+5	WNW	2	54	92	3	4,500	Sc	10	-	-	-																							
Baldonnell ...	1014.0	0	N	2	59	97	4	-	Sc	10	-	1017.3	+5	WNW	2	54	92	3	4,500	Sc	10	-	-	1017.3	+5	WNW	2	54	92	3	4,500	Sc	10	-	-	-																							
Manchester (Alex. R.) ...	-	-	-	-	-	-	-	-	-	-	-	1014.7	+2	-	0	58	97	8	2,000	Sc	10	-	-	1014.7	+2	-	0	58	97	8	2,000	Sc	10	-	-	-																							
Ross on Wye ...	-	-	-	-	-	-	-	-	-	-	-	1016.9	+2	NN	3	59	97	2	-	Nb	10	-	-	1016.9	+2	NN	3	59	97	2	-	Nb	10	-	-	-																							
Falmouth ...	1018.4	-3	N	4	60	97	5	-	Nb	5	A.St	3	1014.8	+2	NN	3	60	97	6	750	Sc	10	-	-	1014.8	+2	NN	3	60	97	6	750	Sc	10	-	-	1																						
Calshot (Hants) ...	1014.4	-2	N	3	58	92	6	750	Sc	10	-	1014.7	+2	NN	3	59	97	2	4,500	Sc	10	-	-	1014.7	+2	NN	3	59	97	2	4,500	Sc	10	-	-	-																							
Lymington (Folkestone) ...	1013.9	-4	-	0	53	97	7	3,000	Sc	10	-	1014.7	+2	0	56	97	2	4,500	Sc	10	-	-	1014.7	+2	0	56	97	2	4,500	Sc	10	-	-	-	-																								
Aberdeen ...	-	-	-	-	-	-	-	-	-	-	-	1012.9	+3	NNN	4	51	75	7	-	Sc	1	A.St	9	1012.9	+3	NNN	4	51	75	7	-	Sc	1	A.St	9	3	-																						
Howden ...	1011.4	-2	-	0	54	97	2	2,000	Sc	10	-	1013.3	+4	-	0	55	97	3	4,000	Sc	10	-	-	1013.3	+4	-	0	55	97	3	4,000	Sc	10	-	-	-																							
Cranwell (Lincoln) ...	-	0	8	1	54	97	4	2,000	Nb	10	-	1013.7	+4	N	1	57	97	4	3,000	Sc	10	-	-	1013.7	+4	N	1	57	97	4	3,000	Sc	10	-	-	-																							
Felixstowe ...	-	-	-	-	-	-	-	-	-	-	-	1014.0	+4	N	4	56	97	3	750	Sc	10	-	-	1014.0	+4	N	4	56	97	3	750	Sc	10	-	-	1																							
Shoeburyness ...	-	-	-	-	-	-	-	-	-	-	-	1013.7	+3	NN	1	59	92	4	2,000	Sc	10	-	-	1013.7	+3	NN	1	59	92	4	2,000	Sc	10	-	-	-																							
Benson ...	-	-	-	-	-	-	-	-	-	-	-	1013.9	+3	-	0	58	92	3	-	Sc	10	-	-	1013.9	+3	-	0	58	92	3	-	Sc	10	-	-	-																							
S. Farnborough ...	-	-	-	-	-	-	-	-	-	-	-	1014.0	+2	NNN	2	58	97	5	1,250	Nb	10	-	-	1014.0	+2	NNN	2	58	97	5	1,250	Nb	10	-	-	-																							
London (Kew Obs.) ...	1013.7	-2	-	-	56	-	-	-	-	-	-	1014.3	+2	SW	1	59	97	4	3,000	Sc	8	A.St	2	1014.3	+2	SW	1	59	97	4	3,000	Sc	8	A.St	2	-	-																						
Croydon ...	1014.6	-3	NNN	3	56	97	4	750	Nb	10	-	1014.8	+4	N	1	58	97	5	1,250	Sc	9	A.St	1	1014.8	+4	N	1	58	97	5																													

SUMMARY OF CONDITIONS AT 7 h.G.M.T.3.9.20

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

Position Number.	Date	Time G M T	Sea ° F	Air ° F.
12.	2 nd	02 06	54	54
5.	2 nd	07 20	53	54
3.	2 nd	09 20	50.5	57
1.	2 nd	11 30	60	60
6.	2 nd	12.25	60	62
2.	3 rd	01 00	56	58
12	3 rd	02 56	53	52
4A.	3 rd	03 00	60	59
7.	3 rd	03 20	60	60
8.	3 rd	04 00	61	60



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

The barometer is rising in the rear of the depression which crossed the British Isles on Thursday, and a temporary improvement will spread from Westward. The outlook beyond the next 24 hours is very doubtful.

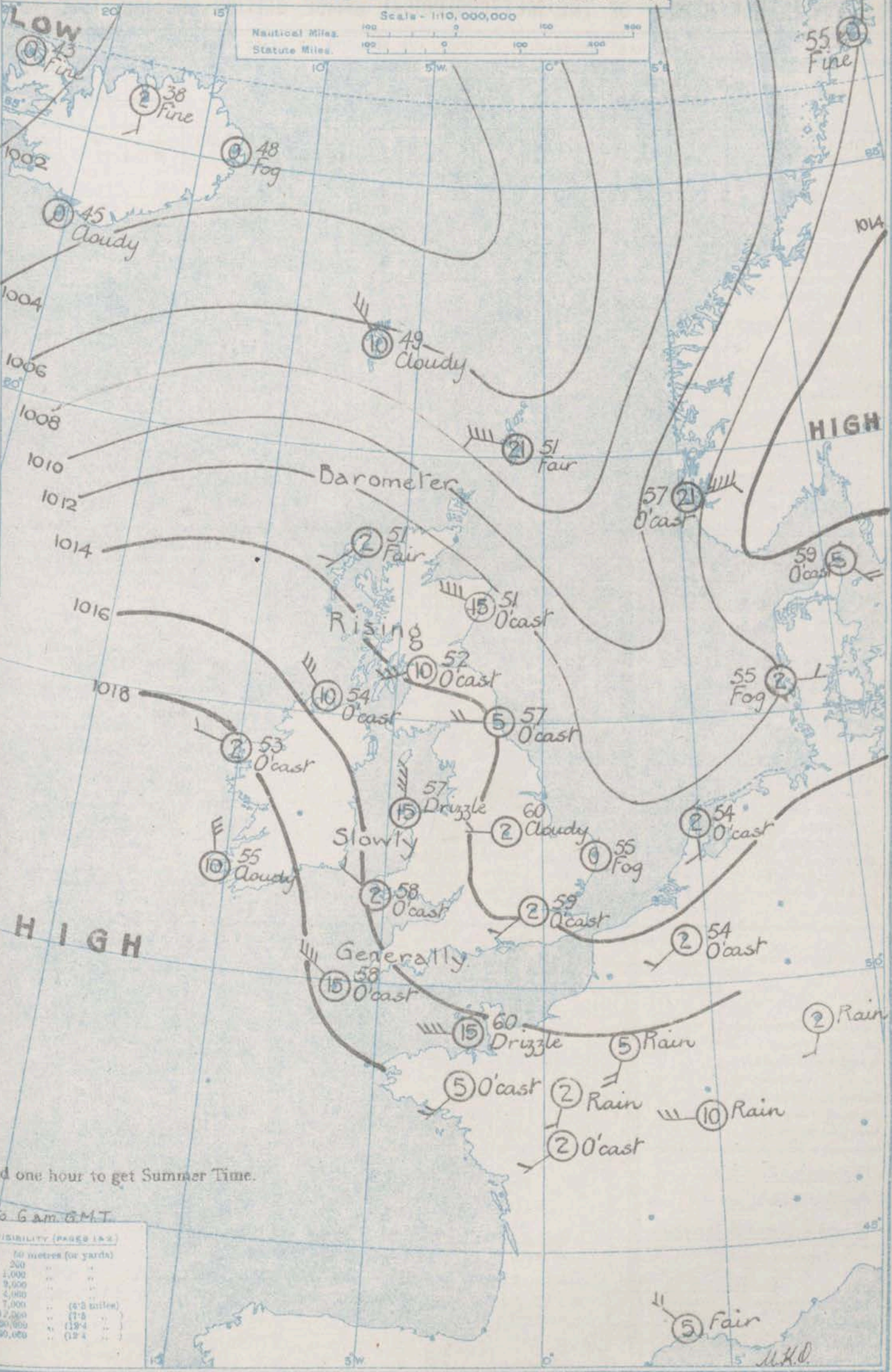
EXPLANATION.
BAROMETER.—Inches are shown
 Intervals of two millibars.
WIND.—Direction is shown by
 the arrow. Force is shown by
 0-12. Is indicated by show the
 feathers. Mean velocity is shown by
 per hour by figure in small circle.
TEMPERATURE.—Is given in
WEATHER SYMBOLS.
 ☉ clear sky. ☁ sky 1 clouded
 ☁☁ sky 2 cloudy. ☁☁☁ sky 3
 ☁☁☁☁ sky 4 overcast sky. ⚡ storm
 ❄️ snow. ⚡️ mist.
 ☁ fog. ☁ thick fog.
 T thunder.
SEA DISTURBANCE.— High sea
 Rough sea.
 Further Outlook.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 3rd Sept. 1920.
1. S.E. England	Wind West to North-West, light or moderate, cloudy, some showers; bright intervals; visibility mainly good; moderate temperature.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	Wind North-West, light or moderate, backing later; fair early, uncertain later, some showers; visibility mainly good; temperature moderate.
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Withheld.

SYNOPTIC CHART FOR MORNING OF FRIDAY, SEPTEMBER 3 1920

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



HIGH

HIGH

LOW

Barometer

Rising

Slowly

Generally

Add one hour to get Summer Time.

All times are G.M.T.

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

SYNOPTIC CODE FOR SURFACE VISIBILITY (PAGE 122)	
Objects not visible at	in metres (or yards)
Very Poor	200
Poor	1,000
Fair	2,000
Good	4,000
Very Good	7,000
Excellent	12,000
Exceptional visibility	20,000
	(4.3 miles)
	(12.4)
	(12.4)

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 247.

FRIDAY
3RD SEPTEMBER.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 411. 13-5-20

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

STATIONS.	WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night.	Day.	to 17h.	Sunrise to Sun- set.		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night.	Day.	to 17h.	Sunrise to Sun- set.
					12-2 nd	2 nd -4 th								2 nd -4 th	4 th -6 th		
Scotland.									England, N.W.								
Oban	f	rd.	58	51	0.3	1	0.0	2.3	Douglas (I.O.M.)	*	*	59	50	9	7	0.0	7.8
Banff	c.od.	f.ot	55	41	1	1	0.1	0.0	Blackpool	ot	ot	57	53	2	10	0.0	3.9
Montrose	ot	ot	55	44	-	4	0.4	0.0	Southport	f	f.ot	57	52	2	5	0.0	2.6
St. Andrews	*	*	56	40	-	1	0.2	0.0	Morecambe	*	*	58	50	1	8	0.0	0.6
England, N.E.									Midlands.								
Harrogate	c.ot	ot	57	46	-	3	0.9	0.0	Buxton	bc.f.c.	cf.bcm	59	40	0.4	2	0.0	1.0
Scarborough	b	ot	67	50	-	1	3.0	0.0	Leamington Spa	od.	od.	62	43	1	1	0.0	3.9
Skewness	bc	bc.ot	64	50	-	1	5.2	0.0	Malvern	o	o	61	51	1	1	0.0	2.0
England, E.									Wales.								
Lowestoft	bc.c.bc	bc.c.o	63	49	-	-	3.0	0.0	Bath	od.	d.o	62	47	1	1	0.0	4.9
Felixstowe	b	omr	65	52	-	0.2	5.3	0.0	Rhyl	ho	oh	60	49	4	3	0.0	5.3
Southend-on-Sea	bc.c.o	od.	65	48	-	1	2.6	0.1	Colwyn Bay	*	*	59	53	5	3	0.0	6.5
England, S.E.									Llandudno	f.oj	c.od.	69	52	3	8	0.0	7.0
Tunbridge Wells	c.o.	o.ot.o	60	46	-	1	1.2	1.7	Aberystwyth	f.ot	f.ot	60	54	6	3	0.0	6.9
Margate	bc.b	bc.c.	62	53	-	-	4.0	0.0	Tenby	cf	fo	61	50	7	-	0.0	2.9
Ramsgate	*	*	63	51	-	-	4.2	0.0	Swansea	*	*	-	-	-	-	0.0	2.9
Folkestone	b.bc	oe.d	65	57	-	1	3.2	0.0	England, S.W.								
Hastings	bc.c.	od.	64	48	-	1	2.2	1.7	Weymouth	bc.od	b.od.	65	51	1	1	0.0	5.0
Eastbourne	bc	ot	61	49	-	2	1.3	2.8	Teignmouth	o	odh	63	52	3	0.4	0.0	6.1
Brighton	o	ot	60	50	-	3	0.9	1.9	Torquay	o	ot	62	53	3	-	0.0	5.2
Worthing	o	o	60	48	-	3	0.0	3.8	Paignton	o.ot	o	63	51	2	-	0.1	5.2
Littlehampton	o.c.	o.c.f	64	59	-	-	0.0	1.6	Penzance	d.o.c.	c.of.	63	54	1	1	0.0	4.3
Portsmouth (S. base)	*	*	61	50	-	2	0.0	1.1	Newquay	c.o.of	of	60	54	2	1	0.0	6.0
Bournemouth	*	*	60	48	0.3	2	0.0	1.0	Bude	f	f	62	54	3	1	0.0	4.6
Ventnor (I. of W.)	*	*	62	50	1	2	0.0	1.5	Ilfracombe	ot	ot	61	54	-	0.3	0.0	4.5
									Weston-s-Mare	od.c.	ch.c.	62	51	4	-	-	-

SCALE OF

SUMMARIES FOR PAST 24 HOURS.													
STATIONS.		WEATHER.				Max. Temp. °F.		Min. Temp. °F.		Rainfall.		Sun.	
		7h-18h.	18h-18h.	18h-18h.	18h-18h.	°F.	°F.	°F.	°F.	Day, 7h-18h.	Night, 18h-7h.	Hours.	Hours.
Renfrew ...	Edinburgh ...	bc.c.	bc.c.	bc.c.	bc.c.	58	50	48	48	0.0	0.0	0.0	0.0
Esksdalemuir ...	Valencia (Cahire'n)	bc.c.	bc.c.	bc.c.	bc.c.	58	44	50	50	0.0	0.0	0.0	0.0
Baldonnel ...	Manchester (Alder PK)	bc.c.	bc.c.	bc.c.	bc.c.	62	54	59	59	0.0	0.0	0.0	0.0
Ross on Wye ...	Falmouth ...	bc.c.	bc.c.	bc.c.	bc.c.	62	52	50	50	0.0	0.0	0.0	0.0
Calshot (Hants) ...	Lympne (Folkestone)	bc.c.	bc.c.	bc.c.	bc.c.	61	53	51	51	0.0	0.0	0.0	0.0
Aberdeen ...	Howden ...	bc.c.	bc.c.	bc.c.	bc.c.	62	49	47	47	0.0	0.0	0.0	0.0
Cranwell (Lincs) ...	Felixstowe ...	bc.c.	bc.c.	bc.c.	bc.c.	61	51	51	51	0.0	0.0	0.0	0.0
Shoeburyness ...	Benson ...	bc.c.	bc.c.	bc.c.	bc.c.	61	49	53	53	0.0	0.0	0.0	0.0
S. Farnborough ...	London (Kew Obs.)	bc.c.	bc.c.	bc.c.	bc.c.	61	49	49	49	0.0	0.0	0.0	0.0
Croydon ...		bc.c.	bc.c.	bc.c.	bc.c.	61	52	54	54	0.0	0.0	0.0	0.0

LONDON OBSERVATIONS.													
STATIONS.		WEATHER.				Max. Temp. °F.		Min. Temp. °F.		Rainfall.		Sun.	
		Morning.	Afternoon.	Night.	Night.	°F.	°F.	°F.	°F.	mm.	mm.	Hours.	Hours.
Greenwich (Royal Observatory)	City (Bunhill Row)	bc.c.	bc.c.	bc.c.	bc.c.	63	54	54	54	0.0	0.0	0.0	0.0
Westminster (St. James's Park)	" (Admiralty Arch)	bc.c.	bc.c.	bc.c.	bc.c.	62	53	52	52	0.0	0.0	0.0	0.0
Camden Sq. (British Rainfall)	Kensington Palace	bc.c.	bc.c.	bc.c.	bc.c.	63	56	54	54	0.0	0.0	0.0	0.0
Hampstead Observatory		bc.c.	bc.c.	bc.c.	bc.c.	59	53	53	53	0.0	0.0	0.0	0.0

Photographic Record of Pole Star (Polaris) and of δ Ursae Minoris at Greenwich Observatory.		NOTES ON THE WEATHER OF YESTERDAY.			
Exposure from 2^{nd} 20 h. 0 m. to 5^{th} 4 h. 0 m.		Rain fell in all parts of the Kingdom but the amount was generally small (under 10 mm). Except on the East and South-East coasts where the morning was fine, sunshine was practically nil. Weather remained cool, no station reporting a maximum above 650.			
Stars.	Duration of Exposure.	Duration of Record.			
Polaris	$\begin{smallmatrix} h. & m. \\ 8 & 0 \end{smallmatrix}$	$\begin{smallmatrix} h. & m. \\ 0 & 0 \end{smallmatrix}$	$\begin{smallmatrix} h. & m. \\ 0 & 0 \end{smallmatrix}$	$\begin{smallmatrix} \% \\ 0 \end{smallmatrix}$	
δ Ursae Minoris	$\begin{smallmatrix} h. & m. \\ 8 & 0 \end{smallmatrix}$	$\begin{smallmatrix} h. & m. \\ 0 & 0 \end{smallmatrix}$	$\begin{smallmatrix} h. & m. \\ 0 & 0 \end{smallmatrix}$	$\begin{smallmatrix} \% \\ 0 \end{smallmatrix}$	

* Information for these columns not usually received.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B21.471

SATURDAY, 4TH SEPTEMBER 1920.

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

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.																											
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND. Direc. Force 0-12.	Weather	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND. Direc. Force 0-12.	Weather	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.	
12H. G.M.T. 3 RD														18H. G.M.T. OF 3 RD													
Renfrew	1014.6	0	WSW	3	0	59	65	7	3,000	StCu	7	ClCu	3	1014.4	+1	SW	3	0	55	75	6	4,200	StCu	9	-	-	-
Eskdalemuir	1014.2	0	WSW	2	C	59	75	8	3,000	StCu	5	ASc	3	1014.5	0	W	1	0	55	75	8	-	-	9	-	-	
Valencia (Cahire's)	1019.2	-1	W	2	C	58	75	8	3,000	StCu	5	ASc	3	1017.6	-3	S	4	0	58	92	6	750	St	10	-	3	
Baldonnell	1017.4	-1	W	2	0	60	75	7	3,000	StCu	10	-	-	1016.0	-1	W	2	0	59	75	8	4,200	StCu	4	ASc	6	
Manchester (Alex. P.)	1015.8	+2	W	3	0	60	75	5	3,000	St	6	ASc	4	1015.8	0	W	1	0	65	85	9	3,000	StCu	9	ASc	1	
Ross on Wye	1015.6	+1	W	2	0	62	65	8	3,000	StCu	10	-	-	1015.8	0	W	1	0	65	85	9	3,000	StCu	9	ASc	1	
Falmouth	1018.0	0	WNW	3	0	67	85	7	-	StCu	8	Cl	1	1019.3	+2	WNW	3	0	59	92	7	-	-	9	-		
Calshot (Hants)	1016.1	+1	SW	2	0	66	85	6	3,000	StCu	9	-	-	1016.3	+1	SW	2	0	64	85	8	4,200	StCu	10	-	2	
Lymington (Folkestone)	1015.4	+2	WNW	2	0	64	85	5	2,000	StCu	9	-	-	1016.0	+1	SSW	3	0	61	92	5	3,000	StCu	10	-	-	
Aberdeen	1014.3	+1	NW	2	bc	60	35	8	4,200	Cl	2	ClSc	2	1014.1	0	S	2	0	54	85	6	4,200	St	10	-	2	
Howden	1014.5	+1	NW	1	0	64	75	6	1,250	Cl	10	-	-	1014.8	0	-	0	0	58	92	5	4,200	St	10	-	-	
Cranwell (Lincs)	1015.0	+2	WNW	1	0	66	75	6	4,200	Cl	7	ASc	2	1015.9	+1	NW	1	0	62	85	5	2,000	StCu	8	ASc	2	
Felixstowe	1015.2	0	-	0	bc	64	75	6	7,200	Cl	2	ASc	2	1015.7	0	SSW	2	0	63	85	6	5,700	Cl	6	ASc	3	
Shoeburyness	1015.4	+1	NW	1	0	65	75	5	2,000	St	5	ASc	4	1015.4	+1	SSW	1	0	61	85	6	4,200	St	2	ASc	3	
Benson	1015.0	0	NW	1	C	70	65	6	-	Cl	7	-	-	1015.3	0	-	0	0	68	85	6	-	St	10	-	-	
S. Farnborough	1015.7	0	WNW	2	0	71	75	7	3,000	StCu	7	ASc	3	1015.7	+1	WNW	1	0	68	85	7	3,000	StCu	6	ASc	3	
London (Kew Obs.)	1015.5	0	WNW	3	C	68	65	6	3,000	StCu	8	-	-	1015.8	0	-	0	0	69	65	5	3,000	StCu	5	ClSc	1	
Croydon	1015.7	+1	W	1	0	68	65	6	3,000	StCu	9	-	-	1016.0	+1	-	0	0	68	75	6	2,000	StCu	2	ClSc	6	
1H. G.M.T. OF 4 TH														7H. G.M.T. OF 4 TH													
Renfrew	1009.5	-5	SSW	5	rtf	50	97	4	-	Nb	10	-	-	1009.0	-1	W	6	0	56	85	7	750	Nb	6	ASc	1	4
Eskdalemuir	1016.1	-2	WSW	2	0	57	97	4	-	-	-	-	-	1009.3	-3	WSW	5	0	57	92	8	2,000	Nb	9	ASc	1	4
Valencia (Cahire's)	1011.5	-2	W	6	do	58	97	3	750	Nb	10	-	-	1017.2	+4	WNW	5	0	59	97	7	750	St	10	-	-	
Baldonnell	1011.5	-2	W	6	do	58	97	3	750	Nb	10	-	-	1011.5	+2	W	5	0	59	92	7	750	St	10	-	-	
Manchester (Alex. P.)	1009.6	-3	S	3	d	55	97	4	1250	Nb	10	-	-	1009.6	-3	S	3	d	55	97	4	1250	Nb	10	-	-	
Ross on Wye	1012.3	-3	SW	3	c	59	92	8	2,000	St	3	ASc	5	1012.3	-3	SW	3	c	59	92	8	2,000	St	3	ASc	5	
Falmouth	1016.8	0	WSW	4	odgfc	61	97	3	-	Nb	10	-	-	1016.8	0	WSW	4	odgfc	61	97	3	-	Nb	10	-	-	
Calshot (Hants)	1015.1	-1	WSW	3	0	58	92	8	750	StCu	10	-	-	1015.1	-1	WSW	3	0	58	92	8	750	StCu	10	-	-	
Lymington (Folkestone)	1014.4	-1	SSW	3	rtf	57	97	3	<500	Nb	10	-	-	1014.4	-1	SSW	3	rtf	57	97	3	<500	Nb	10	-	-	
Aberdeen	1008.9	-5	SSW	4	c2/c	59	97	5	3,000	Cl	7	ASc	1	1008.9	-5	SSW	4	c2/c	59	97	5	3,000	Cl	7	ASc	1	
Howden	1008.3	-4	S	3	0	54	97	4	1250	St	5	Cl	4	1008.3	-4	S	3	0	54	97	4	1250	St	5	Cl	4	
Cranwell (Lincs)	1010.6	-4	W	4	56	97	6	3,000	StCu	6	Cl	2	-	1010.6	-4	W	4	56	97	6	3,000	StCu	6	Cl	2		
Felixstowe	1013.2	-1	WSW	3	rtf	60	97	3	750	St	10	-	-	1013.2	-1	WSW	3	rtf	60	97	3	750	St	10	-	-	
Shoeburyness	1013.4	-1	W	3	c1/c	58	85	6	3,000	StCu	4	ASc	2	1013.4	-1	W	3	c1/c	58	85	6	3,000	StCu	4	ASc	2	
Benson	1012.7	-2	SW	3	0	56	92	6	-	St	10	-	-	1012.7	-2	SW	3	0	56	92	6	-	St	10	-	-	
S. Farnborough	1014.1	-2	SW	3	0	58	92	8	1,250	St	6	ASc	4	1014.1	-2	SW	3	0	58	92	8	1,250	St	6	ASc	4	
London (Kew Obs.)	1013.5	-2	SW	3	0	59	85	6	3,000	St	7	ASc	2	1013.5	-2	SW	3	0	59	85	6	3,000	St	7	ASc	2	
Croydon	1014.5	-2	W	3	odgfc	56	97	6	2,000	Nb	8	ASc	2	1014.5	-2	W	3	odgfc	56	97	6	2,000	Nb	8	ASc	2	
STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.																											
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND. Direc. Force 0-12.	Weather	BAROMETER.		TEMPERATURE.		WIND. Direc. Force 0-12.	Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.								
					at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.						Max. °F.	Min. °F.	Morning.	Afternoon.	Night.									
12H. G.M.T. OF 3 RD																			7H. G.M.T. OF 4 TH								
Lerwick	1009.5	53	WSW	1	C	994.8	-6	51	0	S	7	SW	omr	4	6	55	45	bcg	bcg	omr	8						
Stornoway	1010.2	54	S	3	0	997.8	+5	53	+2	W	7	-	cq	6	4	58	51	bc.c	c.o.	or.cq	1.9						
Castellbay (Barns)	1011.0	54	S	4	0	1004.3	+4	54	?	WNW	5	W	0	4	2	56	52	o.c.o.	of.	op.c.o	1.2						
Malin Head	1011.4	54	SE	2	0	1004.6	+2	55	+1	SW	5	NW	omq	4	4	57	53	0	0	omq.p	0.0						
Blackod Point	1012.5	55	SSW	4	omf	1013.0	+4	55	+2	NW	4	-	0	4	2	61	52	cm	bc	omq.op	0						
Roche's Point	1015.2	61	WSW	3	0	1015.7	+1	62	+4	WNW	3	-	0	2	Trace	65	57	c.be.	c.o	0	0						
Birr Castle	1016.2	60	SW	1	C	1013.7	*	57	+3	W	3	W	C	0	0.3	61	54	o.c	c	cp	2.4						
Donaghadee	1014.9	55	SSW	1	om	1008.0	+2	58	+5	W	5	NW	bcng	4	5	60	53	bcn	cm	omq.r	0						
Liverpool (Midston)	1016.0	55	WNW	3	0	1008.9	-1	59	+2	WSW	4	W	og	3	4	60	52	0	c.o.	or	0.1						
Holyhead	1015.8	57	SW	1	CV	1009.7	0	59	+2	WSW	4	W	bc	3	5	60	54	dj.cbc	c.b.c.o.	c.b.orc	1.6						
Pembroke (St. Mary's)	1015.7	58	W	1	OV	1014.0	-1	58	0	W	3	-	f	3	0.2	63	56	of.o	cv	o.ofc	4.9						
Jersey (St. Aubin)	1020.4	59	WNW	2	C	1018.4	-1	60	+2	WNW	5	-	f	5	1	63	58	ofdm	o.c.	jc	1.7						
Portland Bill	1012.7	62	W	3	0	1018.6	0	59	-1	W	4	-	o	3	0.1	64	58	odm	a.c.o.	o	0.7						
Dungeness	1017.1	63	W	2	C	1016.1	-4	60	+1	W	5	-	0	5	0	65	59	o.c.	c	c.o	0						
Wick	1015.6	62	SW	3	bc	1014.5	0	60	+2	SW	3	W	C	3	0.4	65	55	c	c.be.	c.c.p.s	0						
Bairn	1010.9	54	NE	1	0	994.0	-5	55	+4	WSW	3	-	og	3	4	55	49	c.	c.o.	omr.q	0						
Lath	10																										

CHART OF POSITION NUMBERS and UTM CHART

Map locations and notes:

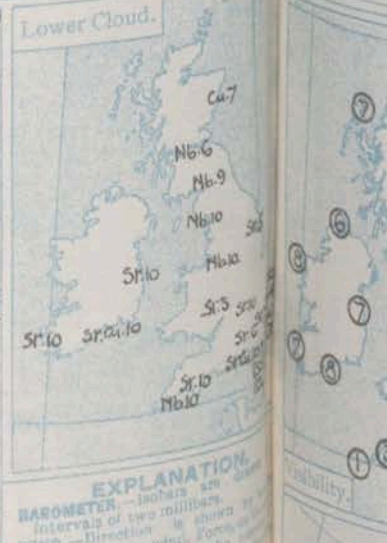
- 11.1 (North of Great Britain)
- 12 (North of Great Britain)
- 10 (North of Great Britain)
- 9 (North of Great Britain)
- 8 (North of Great Britain)
- 7 (North of Great Britain)
- 6 (North of Great Britain)
- 5 (North of Great Britain)
- 4 (North of Great Britain)
- 3 (North of Great Britain)
- 2 (North of Great Britain)
- 1 (North of Great Britain)

Handwritten notes on map:

- A. 11.1
- A. 10.1
- A. 9.1
- A. 8.1
- A. 7.1
- A. 6.1
- A. 5.1
- A. 4.1
- A. 3.1
- A. 2.1
- A. 1.1

WATER, SEA, WEATHER, SEA

WATER	SEA	WEATHER	SEA
53	53	53	53
4	4	4	4
55	55	55	55
58	58	58	58
59	59	59	59
60	60	60	60
61	61	61	61
62	62	62	62
63	63	63	63
64	64	64	64
65	65	65	65
66	66	66	66
67	67	67	67
68	68	68	68
69	69	69	69
70	70	70	70
71	71	71	71
72	72	72	72
73	73	73	73
74	74	74	74
75	75	75	75
76	76	76	76
77	77	77	77
78	78	78	78
79	79	79	79
80	80	80	80
81	81	81	81
82	82	82	82
83	83	83	83
84	84	84	84
85	85	85	85
86	86	86	86
87	87	87	87
88	88	88	88
89	89	89	89
90	90	90	90
91	91	91	91
92	92	92	92
93	93	93	93
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98	98	98	98
99	99	99	99
100	100	100	100

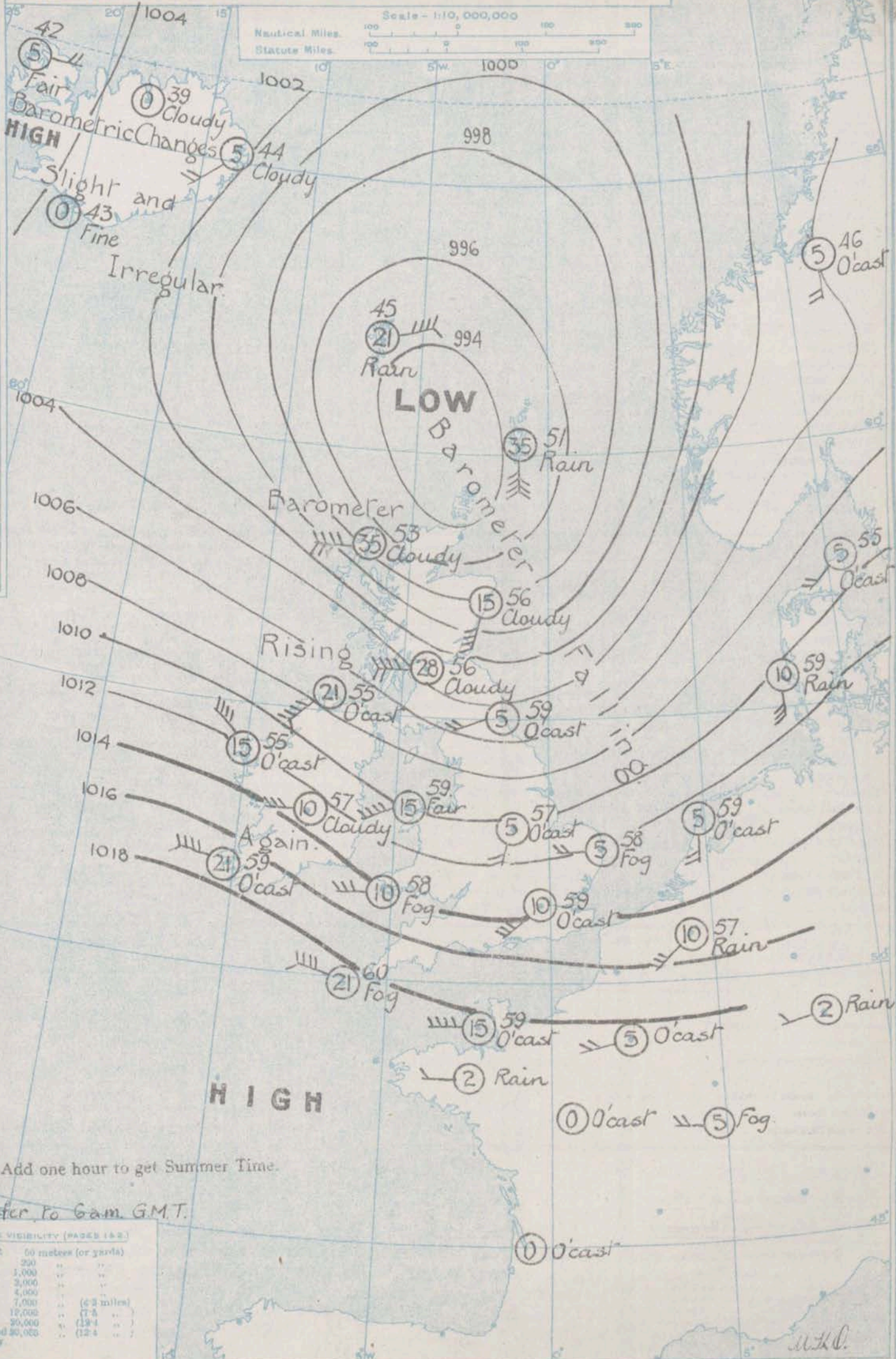


A depression centred to the Northward of Scotland will probably move away Northeastward and be followed by a temporary improvement in the weather over the Kingdom generally. The distribution of barometric pressure, however, is favourable for the approach of further depressions so that no settled spell of weather is to be expected at present.

Unsettled weather
occasional rain
passing showers,
with wind between
S.W. and W.

SYNOPTIC CHART FOR MORNING OF SATURDAY, SEPTEMBER 4TH 1920.

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



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

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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 1 & 2)

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

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 3 rd																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-18h. 2 nd -3 rd pm.	Day. 9h-17h. 3 rd pm.	to 17h. 3 rd pm.	Sunrise to Sun- set. 2 nd pm.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-18h. 2 nd -3 rd pm.	Day. 9h-17h. 3 rd pm.	to 17h. 3 rd pm.	Sunrise to Sun- set. 2 nd pm.
Scotland.	Oban	o	c	58	50	0.3	-	1.0	0.0	England, N.W.	Douglas (I.O.M.)	*	*	58	53	0.3	-	3.9	0.0
	Banff	a.c.	bc.c.a.	59	51	3	-	2.5	0.1		Blackpool	o	c.o	61	53	5	-	2.5	0.0
	Montrose	o	o	57	51	1	-	6.2	0.4		Southport	o	a.c.o	59	56	3	-	0.2	0.0
	St. Andrews	*	*	59	50	1	-	0.5	0.2		Morecambe	*	*	62	55	5	-	2.9	0.0
England, N.E.	Harrogate	a.c.o	o	63	53	1	-	0.0	0.9	Midlands.	Buxton	a.c.bc	c	59	53	2	-	0.4	0.0
	Scarborough	o	o	63	50	3	0.3	0.0	3.0		Leamington Spa...	o	c.b.	68	52	-	-	0.5	0.0
	Skegness	o	o	61	54	1	-	0.3	5.2		Malvern	a.c.	c.o	68	55	1	-	0.6	0.0
	Lowestoft	a.c.o	a.c.o	61	53	1	-	0.0	3.0		Bath	o	a.c.	69	53	1	-	0.0	0.0
England, E.	Felixstowe	omh	bcn	65	55	1	-	1.2	5.3	Wales.	Rhyl	o	o	59	55	1	-	0.0	0.0
	Southend-on-Sea...	o	a.bc	68	54	0.1	-	1.7	2.6		Colwyn Bay	*	*	59	55	1	-	0.0	0.0
	Tunbridge Wells	a.c.	a.bc.bz	71	53	0.3	-	1.9	1.2		Llandudno	*	*	60	55	1	0.3	0.2	0.0
	Margate	m.o	a.c	67	55	0.4	-	0.2	4.0		Aberystwyth	o	a.c.o	61	55	1	-	1.5	0.0
England, S.E.	Ramsgate	*	*	64	54	1	-	0.4	4.2	England, S.W.	Tenby	c.d	d.b.c.	67	58	4	-	2.7	0.0
	Folkestone	to	bc	64	54	1	-	0.7	3.2		Swansea	*	*	69	56	10	-	0.0	0.0
	Hastings	a.c.	a.o.bc	69	55	1	-	3.1	2.2		Weymouth	c	c	67	58	1	-	0.0	0.0
	Eastbourne	at	bc.b	69	56	1	-	4.8	1.3		Teignmouth	o	o	71	58	1	-	2.0	0.0
	Brighton	oc.	c	68	56	1	-	4.7	0.9		Torquay	bc.c.o.	a.c.o.c	70	58	1	-	2.2	0.0
	Worthing	c	bc	69	56	2	-	4.0	0.0		Paignton	bc.c.	a.c.o.c	72	55	1	-	2.5	0.1
	Littlehampton	a.c.	bc	68	56	1	-	4.0	0.0		Penzance	d.o.cd.	c.od	66	58	3	-	0.6	0.1
	Portsmouth (S. Isles)	*	*	70	55	1	-	3.1	0.0		Newquay	a.d.b.c.	o	62	58	5	-	0.0	0.0
	Bournemouth	*	*	70	56	3	-	1.5	0.0		Bude	o	o	64	57	5	Trace	0.4	0.0
	Ventnor (I. of W.)	*	*	68	54	1	-	3.0	0.0		Ilfracombe	om.c.	m.c.	62	58	6	0.3	1.0	0.0
											Weston-s-Mare	a.c.	bc	66	54	1	-	0.0	0.0

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.									
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUN.		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.	
		7h-13h.	13h-19h.	Max. F.	Min. F.	Day. 7h-18h.	Night. 19h-7h.	Hours.	Hours.										
Renfrew ...		a.f.	o	61	51	50	mm.	mm.	1.3	f fog.		g gloom.		h hail.		i lightning.		m mist.	
Eskdalemuir ...		a.c.a.	c.a.	61	48	45	-	4	1.3	p passing showers.		q squalls.		r rain.		rs sleet, i.e., rain and snow together.		s snow.	
Valencia (Cahireta) ...		c.a.	a.f.	62	55	56	-	2	3.2	t thunder.		u ugly, threatening sky.		v unusual visibility.		w dew.		x hoar frost.	
Baldonnel ...		o	o	62	52	-	-	0.1	0.1	y dry air; humidity less than 60 per cent.		z dust haze; the turbid atmosphere of dry weather.		Capital letters indicate intensity, and repetition of letters continuity, thus:-		R = heavy rain.		ri = continuous moderate rain.	
Didsbury ...		a.c.f.	a.c.f.	61	50	43	-	5	4	r ₁ = continuous light rain.									
Ross on Wye ...		o	a.c.f.	69	55	52	-	1	0.0										
Falmouth ...		c.a.	a.c.f.	67	54	51	0.4	-	1.8										
Calshot (Hants) ...		a.f.	o	57	-	-	-	-	3.1										
Lympne (Folkestone) ...		a.f.	a.f.	66	56	50	-	0.1	0.8										
Aberdeen ...		a.f.	a.f.	61	50	48	-	3	3.4										
Howden ...		a.f.	a.f.	61	50	48	-	3	3.4										
Cranwell (Lincoln) ...		a.f.	a.f.	67	55	-	-	3	-										
Felixstowe ...		a.c.	a.c.	66	56	-	-	-	-										
Shoeburyness ...		a.f.	a.f.	69	57	55	0.1	1	0.8										
Benson ...		bc.c.	o	72	55	52	-	1	-										
S. Farnborough ...		a.c.o	c.o.	72	56	54	-	2	4.0										
London (Kew Obs.) ...		a.f.	a.f.	71	58	55	-	2	4.3										
Croydon ...		a.f.	a.f.	71	56	-	-	1	-										

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).									
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		HUMIDITY %		Vertical Component of Solar Radiation per Square Centimetre yesterday.		Total ... Joules.		Average Rate.		Maximum Rate.	
		Morning.	Afternoon.	Night.	Max. F.	Min. F.	Min. on Grass. F.	mm.	Hours.	10h. G.M.T.	9h. G.M.T.								
Greenwich (Royal Observatory)		o	o	od.or	72	56	55	3	1.1	66	87								
City (Bunhill Row)		*	*	*	*	*	*	*	1.3	*	*								
Westminster (St. James's Park)		*	*	c.rm	71	57	53	3	1.4	61	83								
Camden Sq. (British Rainfall)		c.bc	bc.b.bc	*	73	56	55	2	*	58	93								
Kensington Palace		bc	bc	*	72	55	55	3	*	76 (18h)	93								
Hampstead Observatory		*	*	*	70	54	*	2	2.9	*	88								

Photographic Record of

Pole Star (Polaris) and of 8 Ursae

Minoris at Greenwich Observatory.

Exposure from...3rd 20 h...0 m.
to...4th 4 h...0 m.

Stars.	Duration of Exposure.		Duration of Record.		
	h.	m.	h.	m.	%
Polaris	3	0	0	45	9
8 Ursae Minoris	3	0	0	35	7

NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose to 70° or a few degrees higher at many places over Southern England, and the minimum readings of the night were rather high over the Kingdom generally. Rain fell in most places, but the largest measurement was 6 mm. at Lerwick. Little bright sunshine was recorded; many stations had less than an hour.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.21, 4/2. SUNDAY... 5TH SEPTEMBER... 1920.

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

STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND. Direc. Force 0-12.	WEATHER.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Form.	Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND. Direc. Force 0-12.	WEATHER.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Form.	Sea 0-9.	
13H. G.M.T. OF 4 TH SEPT.																							
Renfrew ...	1007.8	15	WSW	5	c	59	88	7	2,000	cu	7	1009.9	0	W	5	c	58	88	8	2,000	cu	8	-
Eskdalemuir ...	1006.4	11	WNW	5	bc	58	85	8	2,000	cu	2	1010.2	12	NW	6	bcg	57	85	8	2,000	cu	5	-
Valencia (Cahire'n) ...	1020.1	18	WNW	3	c	58	85	8	2,000	Sc	7	1020.9	11	W	3	0	58	85	8	2,000	Sc	2	A St
Baldonnel ...	1015.7	12	W	5	c	59	85	7	2,000	Sc	7	1017.0	11	W	3	0	57	85	7	1,200	Sc	8	-
MANCHESTER (Alex. R.) ...	1011.5	12	W	6	0	64	65	8	3,000	cu	6	1014.0	18	WNW	3	0	57	75	6	3,000	cu	7	A St
Ross on Wye ...	1013.1	11	W	5	ogv	64	65	9	4,200	Sc	5	1013.9	13	NW	4	ogv	60	65	9	4,200	cu	1	A St
Falmouth ...	1017.9	12	W	4	od	65	85	5	-	10	-	1019.0	13	NW	4	2zf	61	85	5	-	8	-	2
Calshot (Hants) ...	1013.8	11	WSW	3	oif	64	85	7	750	Sc	10	1014.8	0	WNW	3	bc	64	75	8	2,000	Sc	6	A St
Lymington (Folkestone) ...	1012.9	11	WSW	4	oif	61	92	7	750	Sc	10	1012.7	0	WSW	4	oif	63	92	7	<500	Sc	3	Ci
Aberdeen ...	1000.1	12	WNW	7	bcgy	61	85	8	4,200	cu	4	1003.8	15	WNW	5	bc	58	85	8	4,200	cu	3	Ci
Howden ...	1008.7	13	W	6	cg	65	65	7	2,000	Sc	3	1011.0	14	W	6	bcg	56	75	9	3,000	Sc	2	A St
Cranwell (Lines) ...	1010.0	11	WNW	6	c	66	65	7	2,000	Sc	2	1012.6	14	NW	4	bc	58	65	5	3,000	Sc	2	A St
Felixstowe ...	1011.9	11	WSW	4	oif	64	85	6	2,000	Sc	10	1012.0	0	WNW	4	cg	65	65	7	3,000	Sc	3	A St
Shoeburyness ...	1011.9	11	SW	4	oif	64	75	6	3,000	Sc	7	1011.9	0	W	2	bc	66	75	7	4,200	Sc	3	Ci
Benson ...	1012.6	0	WSW	2	0	66	85	5	-	Sc	10	1013.9	11	NW	4	bc	65	65	8	-	-	3	-
S. Farnborough ...	1012.8	0	WSW	4	0	66	85	7	1,200	Sc	10	1013.9	11	WNW	3	0	65	75	8	2,000	Sc	1	A St
London (Kew Obs.) ...	1012.3	11	WSW	3	0	65	85	8	3,000	Sc	10	1013.2	12	WNW	3	bc	66	65	8	4,200	Sc	1	A St
Croydon ...	1012.1	0	W	4	0	65	85	8	1,200	Sc	10	1013.6	11	WNW	3	bc	65	75	8	2,000	Sc	2	Ci
7H. G.M.T. OF 5 TH SEPT.																							
Renfrew ...	1013.2	0	W	4	c	47	85	8	-	cu	7	1011.4	0	SW	2	od	50	92	6	2,000	Sc	10	-
Eskdalemuir ...	1011.2	0	WSW	3	omr	59	85	8	-	cu	7	1012.3	0	SW	2	od	47	92	7	2,000	Sc	4	A St
Valencia (Cahire'n) ...	1017.0	12	W	3	0	53	92	5	3,000	Sc	8	1021.2	11	WSW	4	c	60	97	7	750	Sc	8	-
Baldonnel ...	1017.0	12	W	3	0	53	92	5	3,000	Sc	8	1021.2	11	WSW	4	c	60	97	7	750	Sc	8	-
MANCHESTER (Alex. R.) ...	1011.5	12	W	6	0	64	65	8	3,000	cu	6	1014.0	18	WNW	3	0	57	75	6	3,000	cu	7	A St
Ross on Wye ...	1013.1	11	W	5	ogv	64	65	9	4,200	Sc	5	1013.9	13	NW	4	ogv	60	65	9	4,200	cu	1	A St
Falmouth ...	1017.9	12	W	4	od	65	85	5	-	10	-	1019.0	13	NW	4	2zf	61	85	5	-	8	-	2
Calshot (Hants) ...	1013.8	11	WSW	3	oif	64	85	7	750	Sc	10	1014.8	0	WNW	3	bc	64	75	8	2,000	Sc	6	A St
Lymington (Folkestone) ...	1012.9	11	WSW	4	oif	61	92	7	750	Sc	10	1012.7	0	WSW	4	oif	63	92	7	<500	Sc	3	Ci
Aberdeen ...	1000.1	12	WNW	7	bcgy	61	85	8	4,200	cu	4	1003.8	15	WNW	5	bc	58	85	8	4,200	cu	3	Ci
Howden ...	1008.7	13	W	6	cg	65	65	7	2,000	Sc	3	1011.0	14	W	6	bcg	56	75	9	3,000	Sc	2	A St
Cranwell (Lines) ...	1010.0	11	WNW	6	c	66	65	7	2,000	Sc	2	1012.6	14	NW	4	bc	58	65	5	3,000	Sc	2	A St
Felixstowe ...	1011.9	11	WSW	4	oif	64	85	6	2,000	Sc	10	1012.0	0	WNW	4	cg	65	65	7	3,000	Sc	3	A St
Shoeburyness ...	1011.9	11	SW	4	oif	64	75	6	3,000	Sc	7	1011.9	0	W	2	bc	66	75	7	4,200	Sc	3	Ci
Benson ...	1012.6	0	WSW	2	0	66	85	5	-	Sc	10	1013.9	11	NW	4	bc	65	65	8	-	-	3	-
S. Farnborough ...	1012.8	0	WSW	4	0	66	85	7	1,200	Sc	10	1013.9	11	WNW	3	0	65	75	8	2,000	Sc	1	A St
London (Kew Obs.) ...	1012.3	11	WSW	3	0	65	85	8	3,000	Sc	10	1013.2	12	WNW	3	bc	66	65	8	4,200	Sc	1	A St
Croydon ...	1012.1	0	W	4	0	65	85	8	1,200	Sc	10	1013.6	11	WNW	3	bc	65	75	8	2,000	Sc	2	Ci
24 HOURS ENDED 7H. 5 TH SEPT.																							
18H. G.M.T. OF 4 TH SEPT.	7H. G.M.T. OF 5 TH SEPT.											24 HOURS ENDED 7H. 5 TH SEPT.											
Lerwick ...	993.5	49	NV	7	omr	1004.2	+1	48	-3	WNW	5	W	bc	4	8	56	43	omr	omr	omr	8	-	
Stornoway ...	1007.9	56	W	7	cg	1009.0	-1	49	-4	W	1	-	bc	0	2	56	47	bcg	bcg	bc	9.0	-	
Castlebay (Barra) ...	1012.0	53	WNW	5	c	1010.2	-1	52	-2	WSW	1	-	0	1	1	55	51	o. bc. o.	o. bc. o.	o. bc. o.	8.8	-	
Malin Head ...	1012.6	58	NW	5	ogp	1010.2	-1	52	-3	S	2	-	fe	2	1	56	7	omr	ogp	fe	1.6	-	
Blackod Point ...	1017.3	55	W	2	0	1010.2	+3	59	+4	SW	3	-	om	3	2	64	54	bc	bc	omr	-	-	
Roche's Point ...	1019.7	60	NW	3	c	1019.8	0	63	+1	WNW	5	-	bc	3	-	63	58	o. c	c. bc. o.	o. bc	-	-	
Birr Castle ...	1018.2	57	SW	2	0	1018.1	0	61	+4	W	3	-	bc	3	-	63	54	c	c. o.	o. bc	4.7	-	
Donaghadee ...	1014.2	54	W	3	bcg	1013.0	-3	51	-7	S	1	-	odif	2	1	59	49	cg	bcg	omr	-	-	
Liverpool (Bidston) ...	1014.2	57	W	4	bc	1013.9	-1	52	-7	W	1	-	0	2	2	61	51	0	bc	omr	4.0	-	
Holyhead ...	1015.7	58	NW	4	b	1015.2	-3	56	-3	SW	4	-	fd	3	4	61	52	bc. o.	bc. o.	c. omr	8.1	-	
Pembroke (St. Mary's) ...	1018.3	60	W	2	bc	1018.0	-2	58	0	WNW	3	-	of	3	-	62	52	c. bc.	bc. bc	o. of	7.2	-	
Jersey (St. Aubin) ...	1020.7	59	NW	4	c	1021.9	0	59	-1	WNW	4	-	f	5	0.1	64	57	fe. o.	o. c	of	2.7	-	
Portland Bill ...	1018.4	62	W	4	omr	1021.3	0	60	+1	W	4	-	0	3	0.2	63	57	odow	omr do	omr do	0.1	-	
Dunnet ...	1015.6	63	W	4	bc	1018.6	0	60	+1	WNW	4	NW	c	3	-	65	53	c	o. bc	bc.	-	-	
Wick ...	1012.5	62	SW	3	bc	1017.1	+1	55	-5	WSW	3	W	bc	3	-	64	48	c. omr	o. o.	bc.	-	-	
Nairn ...	1001.1	57	WNW	4	bcg	1005.7	0	48	-7	W	1	-	bc	2	1	57	43	c. omr	omr	bc. bc.	6.6	-	
Leith ...	1005.5	54	W	5	bc	1007.7	0	51	-8	WSW	2	-	bcg	2	0.2	59	47	bcg	bcg	bc. bc.	-	-	
Falmouth ...	1008.8	55	WSW	3	bc	1010.4	0	51	-8	WSW	2	-	0	2	-	61	49	ogp	ogp	bc. bc.	-	-	
Portsmouth ...	1008.9	57	NW	5	bcg	1011.5	0	52	-7	W	3	-	c2	2	-	62	49	omr	bcg	bcg	1.9	-	
Portsmouth Head ...	1010.3	58	W	6	bc	1013.0	0	54	-3	W	5	-	c	4	-	64	48	omr	bcg	bcg	1.0	-	
Clacton-on-Sea ...	1010.6	62	NW	4	bc	1013.9	0	50	-8	WNW	3	-	c	1	-	68	47	o. c. bcg	bcg	bcg	1.0	-	
Nottingham ...	1011.4	66	WSW	3	c	1015.9	0	53	-7	W	3	W	c	2	-	67	49	ogp	ogp	c.			

* Information for these columns not usually received.

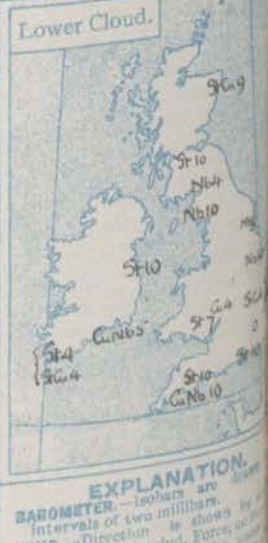
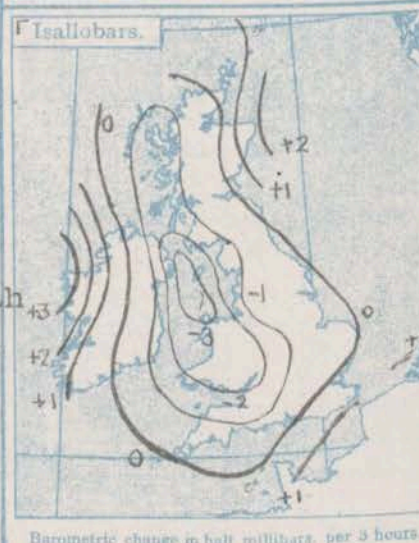
+ The barometric change is expressed in half millibars.

§ For code see page 3.

SUMMARY OF CONDITIONS AT 7 h.G.M.T. 5.9.1926

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

Temperature reported from Coastal and Cross Channel Steamers				
Position Number	Date	Time G.M.T.	Sea ° F	Air ° F
5	4 TH	0730	55	55
3	4 TH	0920	56	58
1	4 TH	1130	60	62
6	4 TH	1420	61	62
2	5 TH	0100	57	58
7	5 TH	0205	60	59
8	5 TH	0438	60	55



GENERAL INFERENCE from observations received up to 0h. G.M.T.

There is a tendency for the formation of secondary depressions over the British Isles. Moderate S.W. to W. winds with changeable showery weather are probable for 24 hours and conditions will remain unsettled for several days.

EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of two millibars.
WIND.—Direction is shown by the arrow. Force, in knots, is indicated by the number of flags. 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 Fahrenheit.
WEATHER SYMBOLS.
 ☁ sky clear
 ☁☁ sky 1/2 clouded
 ☁☁☁ overcast sky.
 * snow
 ☁☁☁ fog
 ☁☁☁ T under.
 ⚡ SEA DISTURBANCE.
 ⚡⚡ Rough
 ⚡⚡⚡ High
 ⚡⚡⚡⚡ Further Outlook

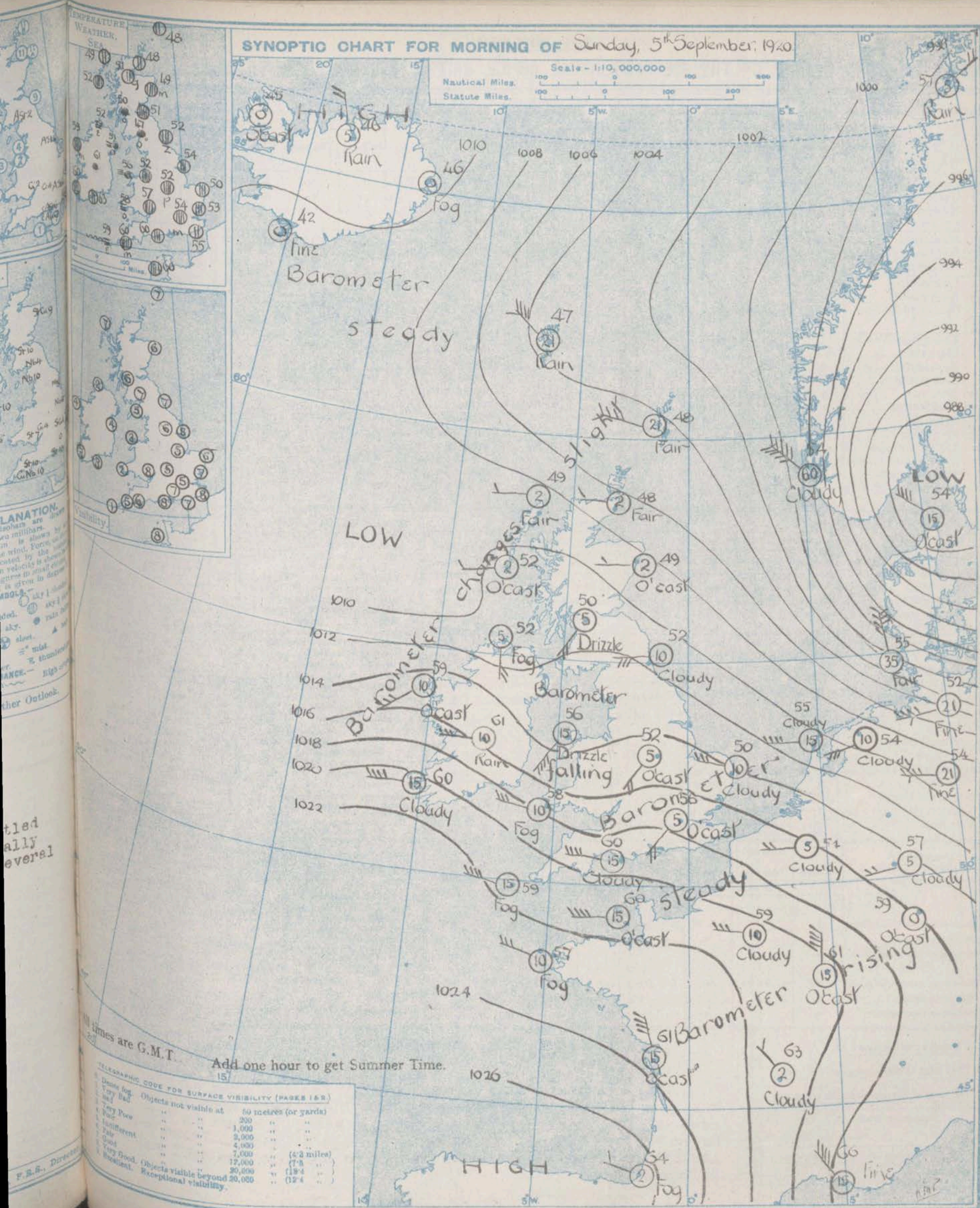
Districts.	Forecasts for the 24 hours commencing 15h. GMT. Sunday, 5th September, 1920.
1. S.E. England	
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Moderate S.W. to W. wind; varying amount of low cloud,
7. North Wales	some showers, visibility mainly fair to good;
8. N.W. England	moderate temperature.
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Unsettled
generally
for several
days.

SYNOPTIC CHART FOR MORNING OF Sunday, 5th September, 1940

Scale - 1:10,000,000

Nautical Miles.
Statute Miles.



times are G.M.T.

Add one hour to get Summer Time.

[illegible]

F.B.I. Director

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 2449

SUNDAY
5TH SEPT 1920

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 4TH SEPT.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night 17h-9h.	Day 9h-17h.	to 17h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night 17h-9h.	Day 9h-17h.	to 17h.	Sunrise to Sunset.
Scotland.									England, N.W.								
Oban ...	c. bc p	bc	58	50	6	0.3	6.4	1.0	Douglas (I.O.M.)	*	*	59	53	8	-	5.3	3.9
Banff ...	bc. cp	bc	61	50	2	1	9.4	2.5	Blackpool ...	o. c.	bc	62	54	6	2	2.6	2.0
Montrose ...	o. bc	bc	64	50	1	-	6.8	0.2	Southport ...	o. c. bc	o. c. bc. b	61	51	4	0.1	3.5	0.2
St. Andrews ...									MORECAMBE								
England, E.									Midlands.								
Harrogate ...	o. c. bc	bc. c. bc	62	48	2	0.4	3.0	0.0	Buxton ...	c. o. c. p	bc. b. bc	58	44	5	1	2.1	0.4
Scarborough ...	bc	b	51	50	2	-	4.7	0.0	Leamington Spa...	o. c. b	bc	56	54	2	-	2.8	0.5
Skewness ...									Malvern ...	o. c	bc. b	64	54	3	-	4.0	0.4
Lowestoft ...									Bath ...	o	o. c. bc	68	56	-	-	3.4	0.6
Felixstowe ...	c	c	69	59	0.3	-	0.5	1.2	Wales.								
Southend-on-Sea...	o. c. o	o. c. bc	66	56	1	-	0.1	1.7	Rhyl ...								
England, S.E.									Colwyn Bay ...	od. c	bc. c	61	52	3	0.1	5.2	0.0
Tunbridge Wells	o	o	66	57	-	-	0.0	1.9	Llandudno ...	o. c	c. b	62	55	6	0.3	3.5	0.2
Margate ...	o	c	66	58	1	-	0.2	0.2	Aberystwyth ...	o. c	c. b	62	55	1	-	6.5	1.5
Ramsgate ...	bc	bc	63	53	1	-	0.4	0.4	Tenby ...	c. bc	b	67	54	-	-	-	-
Folkestone ...	to.	to	64	58	1	-	0.0	0.7	Swansea ...								
Hastings ...	o	o	66	58	-	0.3	0.0	3.3	Weymouth ...	o	o. o. bc	68	57	0.2	-	0.8	0.4
Eastbourne ...	o. p	bc	65	58	-	-	0.6	4.8	Teignmouth ...								
Brighton ...									Torquay ...	bc. c. bc	c. bc. c	68	57	-	-	1.4	2.0
Worthing ...	o	o	66	57	-	-	0.0	4.6	Paignton ...	o. p. bc	c. bc. q	61	55	-	-	2.8	2.2
Littlehampton ...	o. c	bc	67	58	-	-	0.2	4.3	Penzance ...								
Portsmouth (S. Isaac)	o	o	68	57	-	-	0.5	3.1	Newquay ...								
Bournemouth ...	*	*	65	56	0.3	-	0.5	1.5	Bude ...	o	b	65	57	2	Trace	3.5	0.0
Ventnor (I. of W.)	*	*	68	57	Trace	-	1.2	3.0	Ilfracombe ...	om	c. bc	63	58	2	-	3.2	0.4
									Weston-s-Mare ...								

SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		Sun.
	7h-13h.	13h-18h.	Max. °F.	Min. °F.	Day 7h-18h.	Night 18h-7h.	
Renfrew ...	c. o. q	bc. c. q	60	49	4.3	-	7.2
Eskdalemuir ...	q. b. bc. p.	q. b. bc. p.	58	43	4.0	-	7.9
Valencia (Cahire'n)	q. b. c. o	q. b. c. o	61	57	5.6	2	3.3
Baldonnel ...	q. b. c. o	q. b. c. o	62	50	0.3	0.3	4.0
MANCHESTER (Alex. H.)	q. b. c. o	q. b. c. o	64	51	4.0	1	1
Ross on Wye...	o. c. v	bc. c. v. b. bc	70	50	4.4	-	5.0
Falmouth ...	o. f. o. f.	bc. c. o. f.	66	52	5.1	Trace	1.5
Calshot (Hants)...	o. f. o. f.	bc. c. o. f.	60	50	*	-	0.9
Lympne (Folkestone)	o. f. o. f.	bc. c. o. f.	64	48	4.0	1	0.0
Aberdeen ...	q. b. bc. c. q	bc. c. q	61	48	4.4	-	7.2
Howden ...	o. c. o. f.	bc. c. f.	65	46	4.2	1	5.8
Cranwell (Lincs)...	o. f. c. o	bc. c. b. bc	67	49	*	1	3.7
Felixstowe ...	o. f. o. f.	bc. c. o	68	50	4.5	0.1	0.5
Shoeburyness ...	o. c. o. f.	bc. c. o	69	43	3.8	-	*
Benson ...	o. c. o	bc. c.	70	45	4.0	-	1.0
S. Farnborough ...	o. c. o	bc. c.	68	50	4.3	-	1.2
London (Kew Obs.)	o. f. o	bc. c. b.	68	50	4.3	-	*
Croydon ...	o	bc. c. b. bc. f.	66	51	*	*	*

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. i lightning.
m mist. o overcast sky.
p passing showers.
q squalls. r rain.
rs sleet, i.e., rain and snow together.
s snow. t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew. x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.
Capital letters indicate intensity, and repetition of letters continuity, thus:-
R = heavy rain.
rr = continuous moderate rain.
r.r. = continuous light rain.

THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.

Limits of Velocity at about 30 feet above ground.

No.	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.5
1	1-3	0.5-1.5
2	4-7	1.5-2.5
3	8-12	2.5-3.5
4	13-18	3.5-5.0
5	19-24	5.0-6.7
6	25-31	6.7-8.3
7	32-38	8.3-10.0
8	39-46	10.0-12.5
9	47-54	12.5-15.0
10	55-63	15.0-17.5
11	64-75	17.5-20.8
12	Above 75	20.8 or above

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

LONDON. OBSERVATIONS.	WEATHER.		Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH 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 5h G.M.T. 5th Sept.							YESTERDAY.	TO-DAY.			Vertical Component of Solar Radiation per Square Centimetre during yesterday.	5th & 6th SEPTEMBER 1920.		
											Stations.	Sunrise G.M.T.	Noon. G.M.T.	Sunset G.M.T.	
Greenwich (Royal Observatory)	o	o	o.c. or	69	49	42	-	0.6	81	86					
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	*					
Westminster (St. James's Park)	*	*	*	*	*	*	*	*	*	*					
Camden Sq. (British Rainfall)	o.c.	bc. b. bc	*	69	49	45	0.3	*	82	90					
Kensington Palace ...	o	c. bc	*	66	49	46	-	*	66 (18h)	89					
Hampstead Observatory ...	*	*	*	*	*	*	*	*	*	*					
											Total Joules.				
											Milliwatts.				
											Average Rate.				
											Maximum Rate.				
											Yarmouth...	5.11 5.12	11.52 11.57	6.33 6.30	
											Greenwich	5.20 5.21	11.59 11.58	6.21 6.20	
											Wick	5.21 5.23	12.00 12.00	6.21 6.19	
											Valencia ...	6.0 6.1	12.40 12.39	7.11 7.11	

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

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

NOTES ON THE WEATHER OF YESTERDAY.

The temperature was about normal for the time of year, but reached 70° at a few stations. There were some good records of sunshine in the North and West, 9 hours in the Hebrides and 8 hours at Eskdalemuir and Holyhead. There was little or no rain in the South but at Lerwick 8mm fell and at Holyhead 4mm.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.21473

MONDAY, 6th SEPTEMBER, 1920.

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

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																													
STATIONS	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER	TEMP. °F.	HUMIDITY %	VISIBILITY 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER	TEMP. °F.	HUMIDITY %	VISIBILITY 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	
			Force 0-12.	Dir.						Form.	Am.	Form.	Am.				Force 0-12.	Dir.						Form.	Am.				
13H. G.M.T.													18H. G.M.T. OF																
Renfrew	1010.2	-1	WSW	1	od	54	92	5	2,000	St	10	-	-	1010.4	0	WSW	1	od	56	91	5	1,200	St	10	-	-	-	-	-
Eskdalemuir	1010.2	-1	SSW	3	od	52	92	4	2,000	St	10	-	-	1010.3	0	W	3	0	57	85	7	2,000	St	9	-	-	-	-	-
Valencia (Cahire'n)	1022.3	-1	SW	4	od	61	92	5	750	St	10	-	-	1022.1	-1	WSW	4	0	61	85	7	2,000	St	8	-	-	-	-	3
Baldonnel	1010.3	-1	WSW	5	od	62	92	5	750	St	10	-	-	1012.1	-1	WSW	5	od	60	91	4	2,000	St	10	-	-	-	-	-
Manchester (Alex. Pk.)	1012.4	-2	SW	4	od	59	92	3	750	St	10	-	-	1012.5	-1	WSW	5	od	61	85	6	750	St	8	AS	2	-	-	-
Ross on Wye	1014.9	0	W	5	og	59	85	8	2,000	St	9	AS	1	1015.2	-1	WSW	5	og	66	85	8	2,000	St	9	-	-	-	-	-
Falmouth	1022.4	-1	WSW	5	og	66	85	8	2,000	St	9	-	-	1022.1	-1	WSW	6	og	62	85	6	2,000	St	7	-	-	-	-	-
Calshot (Hants)	1017.2	0	WSW	3	0	64	85	8	2,000	St	9	-	-	1016.9	-1	WSW	4	0	64	85	8	1,250	St	10	-	-	-	-	-
Lymington (Folkestone)	1015.4	-2	W	3	0	63	85	3	2,000	St	10	-	-	1014.3	-2	W	5	og	65	85	8	1,250	St	8	AS	2	-	-	-
Aberdeen	1008.3	0	WSW	4	0	59	85	8	2,000	St	6	-	-	1008.6	-1	WSW	3	0	56	85	8	2,000	St	1	AS	1	-	-	2
Howden	1011.5	-2	SW	1	0	55	85	4	2,000	St	10	-	-	1010.9	-1	WSW	4	og	60	85	7	2,000	St	4	AS	8	-	-	-
Cranwell (Lincs)	1013.3	-1	SW	2	0	56	85	5	1,250	St	10	-	-	1012.6	0	WSW	4	og	62	85	7	2,000	St	10	-	-	-	-	-
Felixstowe	1015.0	-1	W	3	0	59	85	6	1,250	St	9	-	-	1013.3	-1	W	2	0	66	85	6	1,250	St	10	-	-	-	-	-
Shoeburyness	1016.2	-2	W	3	0	69	85	7	2,000	St	10	-	-	1014.8	-1	W	4	0	66	85	7	2,000	St	10	-	-	-	-	-
Benson	1016.1	-3	WSW	4	0	61	85	7	2,000	St	10	-	-	1015.4	-1	WSW	5	0	66	85	7	2,000	St	5	AS	3	-	-	-
S. Farnborough	1014.5	-4	WSW	1	0	63	85	5	2,000	St	9	AS	1	1014.4	-1	W	4	0	66	85	8	2,000	St	10	-	-	-	-	-
London (Kew Obs.)	1015.2	-4	WSW	3	0	63	85	7	2,000	St	10	-	-	1014.9	-1	W	4	0	66	85	8	2,000	St	10	-	-	-	-	-
Croydon	1011.0	-1	S	2	0	53	85	7	2,000	St	9	-	-	1011.1	-1	SW	2	od	55	85	4	750	St	10	-	-	-	-	-
Renfrew	1021.7	0	W	4	om	58	85	3	2,500	St	10	-	-	1021.4	-1	SW	2	0	54	92	7	2,000	St	9	-	-	-	-	-
Eskdalemuir	1015.8	0	W	5	og	59	97	3	2,500	St	10	-	-	1021.1	-1	WSW	4	od	60	97	4	2,500	St	10	-	-	-	-	-
Valencia (Cahire'n)	1017.4	-1	ENE	3	0	63	85	7	750	St	10	-	-	1016.5	-1	W	3	0	59	92	7	2,500	St	6	AS	2	-	-	-
Baldonnel	1014.7	0	W	4	0	60	92	8	1,250	St	10	-	-	1013.7	-1	WSW	5	od	69	97	4	750	St	10	-	-	-	-	-
Manchester (Alex. Pk.)	1011.6	0	W	1	C	56	92	7	2,000	St	4	AS	4	1012.0	0	WSW	1	0	59	92	5	1,250	St	10	-	-	-	-	-
Ross on Wye	1013.9	0	W	3	C	56	92	5	3,000	St	6	AS	2	1013.4	-1	WSW	4	0	60	97	5	2,000	St	10	-	-	-	-	-
Falmouth	1014.7	0	W	4	0	63	85	7	2,000	St	10	-	-	1014.6	-1	W	3	0	61	85	5	1,250	St	10	-	-	-	-	-
Calshot (Hants)	1015.8	0	W	4	0	61	92	7	2,000	St	7	AS	2	1015.4	-1	W	3	0	61	92	5	2,000	St	9	-	-	-	-	-
Lymington (Folkestone)	1016.4	-1	WSW	3	0	61	92	7	2,000	St	7	AS	2	1016.4	-1	WSW	3	0	61	92	7	2,000	St	7	AS	2	-	-	-
Aberdeen	1015.7	0	WSW	3	0	62	85	6	3,000	St	6	AS	2	1015.7	0	WSW	3	0	62	85	6	3,000	St	7	AS	2	-	-	-
Howden	1010.1	-1	W	1	C	56	92	7	2,000	St	4	AS	2	1012.0	0	WSW	1	0	59	92	5	1,250	St	10	-	-	-	-	-
Cranwell (Lincs)	1013.4	-1	WSW	4	0	60	97	5	2,000	St	6	AS	2	1013.4	-1	WSW	4	0	60	97	5	2,000	St	10	-	-	-	-	-
Felixstowe	1014.6	-1	W	3	0	61	85	5	1,250	St	10	-	-	1014.7	-1	W	1	0	61	85	5	1,250	St	10	-	-	-	-	-
Shoeburyness	1015.4	-1	W	3	0	61	92	5	2,000	St	7	AS	2	1015.4	-1	W	3	0	61	92	5	2,000	St	7	AS	2	-	-	-
Benson	1016.4	-1	WSW	3	0	61	92	7	2,000	St	7	AS	2	1016.4	-1	WSW	3	0	61	92	7	2,000	St	7	AS	2	-	-	-
S. Farnborough	1015.7	0	WSW	3	0	62	85	6	3,000	St	6	AS	2	1015.7	0	WSW	3	0	62	85	6	3,000	St	7	AS	2	-	-	-
London (Kew Obs.)	1016.3	-1	W	3	0	62	85	7	2,000	St	7	AS	2	1016.3	-1	W	3	0	62	85	7	2,000	St	7	AS	2	-	-	-
Croydon	1004.4	50	W	3	om	1006.5	+2	49	+1	NW	2	NW	0	1	2	52	44	om	om	0	*								
Stornoway	1009.5	54	WSW	1	bc	1009.5	0	51	+2	NE	1	-	mm	0	3	60	46	bc	bc	bc	6.6								
Castlebay (Barra)	1010.2	52	SE	2	om	1011.1	+1	54	+2	WSW	4	W	0	4	1	55	50	om	om	bc	0.0								
Malin Head	1011.3	54	W	4	0	1012.0	+1	55	+3	W	4	W	0	4	2	57	52	fe	og	og	0.0								
Blackod Point	1015.2	58	W	3	0	1017.0	+3	57	-2	NW	2	-	0	3	4	59	53	om	om	om	*								
Roche's Point	1020.8	60	W	3	0	1020.6	+1	60	-3	W	2	-	0	2	0.1	68	57	bc	o.c.	o.b.	*								
Bur Castle	1017.2	61	W	3	0	1017.8	+1	59	-2	W	2	W	0	0.3	63	59	om	om	om	0.0									
Donaghadee	1012.5	61	W	3	om	1013.2	+3	57	+6	W	4	-	om	3	1	62	51	om	om	om	*								
Liverpool (Bidart)	1013.5	60	W	4	0	1013.9	+1	59	+7	W	5	W	0	5	5	62	52	0	0	og	0.1								
Holyhead	1015.1	61	W	4	0	1015.3	+1	52	-4	W	5	-	og	4	3	63	55	bc	bc	bc	0.0								
Farnbrooke (St. Mary's)	1014.3	60	W	4	bc	1014.9	0	59	+1	WSW	3	-	0	4	-	62	58	bc	bc	bc	7.9								
Jersey (St. Aubin)	1023.1	60	WSW	4	0	1022.9	-1	59	0	WSW	3	W	0	4	-	65	57	bc	bc	bc	2.1								
Portland Bill	1022.1	61	W	5	0	1021.7	0	60	0	W	4	-	0	4	-	64	59	om	om	om	0.0								
Dunegness	1015.4	64	W	5	bc	1019.5	-1	61	+1	WSW	5	W	0	5	-	67	58	bc	bc	bc	0.0								
Wick	1014.7	63	WSW	4	0	1015.7	+1	61	+6	WSW	3	W	0	3	1	65	52	bc	bc	bc	0.0								
Warrington	1007.4	58	WSW	2	bc	1009.0	+3	44	-4	SW	2	-	C	1	-	56	39	bc	bc	bc	7.6								
Leith																													

* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

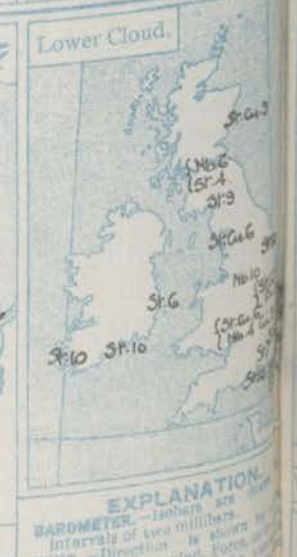
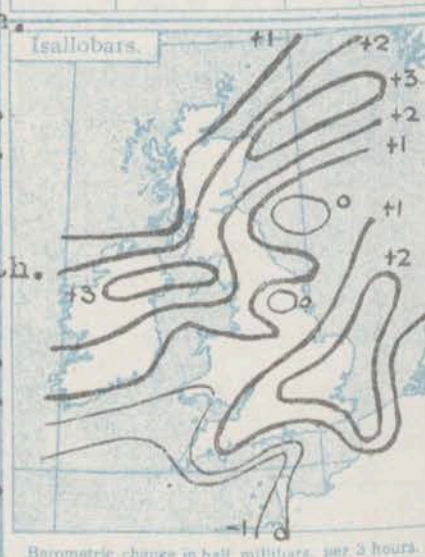
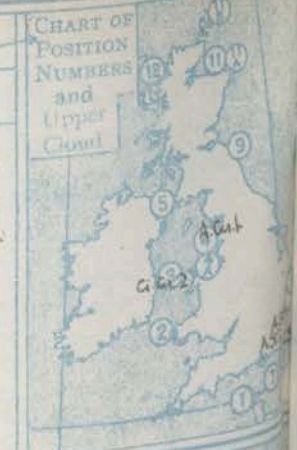
‡ For code see page 3

SUMMARY OF CONDITIONS AT 7 h.G.M.T. 6.9.1920.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Dull	Good	Slight.
2. E. England	Dull, slight local mist.	Fair	Smooth.
3. E. Midlands	Dull, mist & drizzle in (North.	Indiff.	-
4. W. Midlands	Dull.	Good	-
5. S.W. England	Cloudy or dull.	Fair	Mod.
6. South Wales	Dull.	Good	-
7. North Wales	Dull.	Fair	-
8. N.W. England	Cloudy or dull, local	"	R. Rough.
9. N. Midlands	Dull, local mist & drizzle.	Indiff.	-
10. N.E. England	Dull, misty, local drizzle.	"	Slight.
11. E. Scotland	Cloudy, misty.	Poor	Smooth.
12. S.W. Scotland	Overcast, mist.	Indiff.	Mod.
13. Isle of Man	Dull, showery.	"	"
14. N. & N.W. Scotland	Cloudy, local rain, mist.	v. Poor	v. Smooth.
15. Hebrides	Dull, rainy.	"	Mod.
16. Orkneys and Shetlands	Overcast.	Indiff.	Smooth.
17. N.W. Ireland	Cloudy.	Good	Slight.
18. N.E. Ireland	Dull, local mist, rain.	Fair	Mod.
19. S.E. Ireland	Cloudy to overcast.	Good	Slight.
20. S.W. Ireland	Dull, local drizzle.	Indiff.	Mod.

Temperature reported from Coastal and Cross Channel Steamers.

Position Number	Date	Time G.M.T.	Sea °F	Air °F
4A	5th	04 15	55	55
3	5th	09 15	56	60
12	6th	03 15	53	54



GENERAL INFERENCE from observations received up to 9h. G.M.T.
Shallow secondary depressions passing over the British Isles from the Westward are likely to cause much cloud generally and slight rain or showers in various places.

EXPLANATION
BARDMETER - isobars are
intervals of two millibars.
WIND - Direction is shown by
flying with the wind. Force
is indicated by the number
of fathoms. Mean velocity is shown
per hour by the number in small
figures. Sea disturbance is shown by
the number of fathoms.
TEMPERATURE SYMBOLS -
sky - clear sky.
sky - cloudy.
sky - overcast sky.
* snow. * rain.
= fog. = mist.
T thunder. R rain.
SEA DISTURBANCE - High.
Bough.

Forecasts for the 24 hours commencing 15h.G.M.T. Monday, 6th September, 1920.

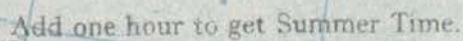
1. S.E. England	Wind Westerly, light; cloudy or overcast, some slight rain locally, rather misty, visibility indifferent to fair; little change of temperature.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Wind mainly W., moderate or light; overcast generally, slight rain or showers locally, misty at times, visibility indifferent to fair; little change of temperature.
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	Wind between W. and N.W., light; mainly overcast, some rain and mist, visibility indifferent to fair; moderate temperature.
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 W. and S.W., moderate or light; mainly overcast, some rain, fairer intervals, visibility fair generally; moderate temperature.
19. S.E. Ireland	
20. S.W. Ireland	

None issued.

Scale - 1:10,000,000

Nautical Miles. 100 0 100 200

Statute Miles. 100 0 100 200

[illegible]

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 250

Monday

6th Sept.

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

STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 12h-9h. 4'-5"	Day. 9h-17h. 5"	to 17h. 5"	Sunrise to Sun- set 4"			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 12h-9h. 4'-5"	Day. 9h-17h. 5"	to 17h. 5"	Sunrise to Sun- set 4"
Scotland.	Oban									England, N.W.	Douglas (L.O.M.)								
	Banff	do	bc. b	60	48	-	-	6.6	4.2		Blackpool	or	o	61	52	1	1	0.0	3.5
	Montrose										Southport	ro	ro	60	50	2	2	0.0	
	St. Andrews																		
England, N.E.	Harrogate	c.o.o	o.c. bc	60	47	0.1	-	0.0	4.3	Midlands.	Buxton								
	Scarborough	o	or	63	48	-	0.3	0.0	6.1		Leamington Spa...								
	Skegness										Malvern								
England, E.	Lowestoft	op	opm	64	48	0.4	1	0.0	?		Bath	o	o	65	49	-	-	0.0	3.8
	Felixstowe	omr	ofr	62	51	1	3	0.1	0.0		Rhyl	q	q	62	51	2	1	0.0	?
	Southend-on-Sea...	c.o.d	o.c. op	66	49	Trace	0.4	0.6	0.3		Colwyn Bay	*	*	63	52	2	3	0.0	5.9
											Llandudno	dp	dor	61	52	1	-	0.0	
											Aberystwyth								
											Tenby								
											Swansea								
England, S.E.	Tunbridge Wells	or	o	68	46	-	1	0.2	0.0		Weymouth	c. bc	bc. c	72	54	-	-	6.5	0.8
	Margate	or	c	68	52	-	0.3	0.3	0.2		Teignmouth								
	Ramsgate	s	o	68	49	1	-	0.2	0.4		Torquay	bc. b	b. bc	73	55	-	-	10.1	1.9
	Folkestone	od	o	62	50	-	1	0.0	0.0		Paignton	bc. b	bc. bc	74	50	-	-	9.6	?
	Hastings	or	o.c	64	49	-	2	0.1	0.0		Penzance	om. c	c. bc. o	65	56	-	-	4.2	?
	Eastbourne	or	bc	65	51	-	0.3	0.0	0.6		Newquay	cf. de	o.c. o	62	57	-	-	3.6	3.5
	Brighton	or. o	o.c	64	51	2	0.4	0.6	?		Bude	o	bc	65	55	1	Trace	5.7	4.1
	Worthing	o	c	69	48	-	-	2.0	0.0		Ilfracombe	q. c	c. bc	66	58	0.3	-	3.0	?
	Littlehampton	*	*	74	53	-	-	2.1	0.5		Weston-s-Mare	bc. c	bc. c	66	54	-	-		
	Portsmouth (S' thea)	*	*	74	53	-	-	2.1	0.5										
	Bournemouth	*	*	74	52	-	-	4.5	0.8										
	Ventnor (I. of W.)	*	*	64	58	-	-	2.5	1.2										

SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	7h-13h.	13h-18h.	Max. F.	Min. F.	Night. 12h-18h.	Day. 13h-17h.	Hours.	Sun.
Renfrew	o. f. d. d.	o. f. d. d.	c. o	r. o. f.	56	50	50	0.0
Eskdalemuir	o. f. d. d.	dd. o	c. o. o	o	57	46	50	0.0
Valencia (Cahire'n)	o. f. d. d.	o. f. c. o. b. c.	c. o. o	o. p. d. o	64	58	58	2.0
Baldonnel	op	o. f. d. d.	o. d. d.	c. o. r.	63	58	58	0.0
Didsbury	o. f. d. d.	o. f. d. d.	o. f. d. d.	o. d. d.	63	52	51	4.0
Ross on Wye	c. o. a. c. o. g.	b. bc. c. o. g.	o. g. c. o	o. c. o	73	57	54	2.9
Falmouth	c. o. f. bc. c.	c. o. b. bc. f.	bc. c. b. bc.	b. bc	68	56	56	5.7
Calshot (Hants)	c. o. c.	c. o. g.	c. o. o. f.	o. f.	71	57	57	2.3
Lymington (Folkestone)	o. f. d. d.	o. f. d. d.	o. g.	o. f. d. d.	65	51	47	0.7
Aberdeen	c. o. bc. c.	b. bc. v.	b. bc. v.	l. c. o. f.	60	41	31	6.5
Howden	o. f. o	g. o. f.	c. o	o. f. o. f.	61	51	50	0.2
Cranwell (Lincs)	r. p. d. o.	r. o. f.	o. f. c. o	c. o	62	51	51	0.0
Felixstowe					64	54	54	0.0
Shoeburyness	c. o. c.	o. p. d.	o. f. d.	o. f. d.	69	50	51	0.7
Benson	o	o	o	o	72	52	51	0.0
S. Farnborough	o	o. c. o	bc. c	b. bc. c. o	69	52	52	0.7
London (Kew Obs.)	o. f. d. d.	c. o	o	o. f.	68	54	56	0.1
Croydon	o. f. d. d.	o. o	o. d. o. f.	c. o. o. f.	67	54	54	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 at about 30 feet above ground.	
	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	1.5-3.0
3	8-12	3.0-5.4
4	13-18	5.4-7.9
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

SYMBOLS.

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

LONDON OBSERVATIONS.

	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Morning.	Afternoon.	Night.	Max. F.	Min. F.	Min. on Grass F.	Rain-fall. mm.	Sun-shine to Sunset. Hours.
Greenwich (Royal Observatory)	o. od	c. o. od	o	71	55	58	1	0.8
City (Bunhill Row)	*	*	*	69	56	54	1	0.8
Westminster (St. James's Park)	*	*	*	69	56	54	1	0.8
Camden Sq. (British Rainfall)	*	*	*	70	56	51	1	*
Kensington Palace	o. or. o	c. o	*	68	55	80	-	83 (18h)
Hampstead Observatory	*	*	*	69	53	*	1	0.8

SOUTH KENSINGTON (Meteorological Office).

	HUMIDITY %	
	16h. G.M.T.	9h. G.M.T.
Vertical Component of Solar Radiation per Square Centimetre during yesterday.	81	79
Total	459	Joules.
Average Rate.	9.6	Milliwatts.
Maximum Rate.	54	

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

Stations.	6 th 6 th 7 th Sept. 1920.		
	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.12	11.51	6.30
Greenwich	5.14	11.51	6.29
Wick	5.23	12.10	6.54
Valencia	6.1	12.39	7.15

Photographic Record of

Pole Star (Polaris) and of 8 Ursae

Minoris at Greenwich Observatory.

Exposure from 19 (5.5) h. 45 m. to 4 (6.5) h. 15 m.

Stars.	Duration of Exposure.		Duration of Record.		%
Polaris	8	30	0	12	2
8 Ursae	8	30	0	4	1

NOTES ON THE WEATHER OF YESTERDAY.

The maximum temperature exceeded 70° at several stations over the Southern half of England and the minima of the night were mostly high except in some parts of Scotland. A little rain fell in nearly all places, and the duration of sunshine was generally slight. At some Scottish stations, however, the record was between 6 and 8 hours, at Pembroke 7.9 hours, and at Torquay 10.1 hours (up to 17h. G.M.T.).

* Information for these columns not usually received.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 21,444. TUESDAY... 7TH SEPTEMBER, 1920.

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

STATIONS	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND. Direc. Force 0-12.	Weather	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Form.	Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND. Direc. Force 0-12.	Weather	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Form.	Sea 0-9.		
13H. G.M.T. of 6 TH												18H. G.M.T. of 6 TH												
Renfrew ...	1013.3	+2	W 2	o	59	75	8	2,000	cu	9	-	1013.7	+2	W 4	b	59	75	8	3,000	cu	1	-	-	
Eskdalemuir ...	1012.8	-1	W 2	o	57	75	8	2,000	cu	9	-	1013.0	+2	W 5	b	57	75	8	2,000	cu	2	-	-	
Valencia (Cahire's) ...	1012.2	0	W 2	o	60	91	4	500	st	10	-	1022.6	0	W 2	o	59	91	6	500	st	10	-	-	
Baldonnel ...	1010.7	+2	W 2	o	61	75	7	2,000	st	10	-	1020.0	+2	W 3	c	59	75	7	4,200	st	4	A cu	3	
MANCHESTER (Alders) ...	1016.3	-1	W 3	cu	69	65	9	4,200	cu	5	A cu	1017.0	+2	W 5	o	59	65	4	2,000	cu	10	-	-	
Ross on Wye ...	1021.6	0	W 3	o	63	85	4	-	st	10	-	1018.3	+3	W 4	b	63	85	4	4,200	st	5	-	-	
Falmouth ...	1017.3	-2	W 4	o	63	75	8	2,000	st	10	-	1017.6	0	W 3	b	63	75	8	4,200	st	1	-	-	
Calshot (Hants) ...	1015.4	-1	W 4	o	64	75	8	2,000	st	10	-	1015.7	0	W 3	b	65	85	8	3,000	cu	3	-	-	
Lymington (Folkestone) ...	1011.2	-1	W 3	o	58	65	8	4,200	st	10	-	1011.1	+4	W 2	b	54	65	8	4,200	st	6	-	-	
Aberdeen ...	1012.6	-1	W 3	o	65	65	8	3,000	cu	5	A st	1014.7	+3	W 4	o	59	75	8	2,000	st	10	-	-	
Howden ...	1014.1	-1	W 3	o	66	65	7	4,200	cu	8	-	1015.9	+3	W 5	o	59	75	5	3,000	st	7	-	-	
Cranwell (Lines) ...	1014.2	-1	W 3	o	69	65	7	4,200	cu	6	-	1015.1	+2	W 4	b	64	65	8	4,200	st	4	-	-	
Felixstowe ...	1014.7	0	W 3	o	69	65	7	3,000	cu	5	-	1015.2	+1	W 4	b	65	65	7	4,200	st	2	A cu	2	
Shoeburyness ...	1014.8	-1	W 3	o	69	65	6	-	cu	7	-	1016.1	+1	W 3	b	65	65	8	-	cu	1	-	-	
Benson ...	1016.0	-1	W 3	o	68	75	7	3,000	st	10	-	1016.4	0	W 3	b	68	75	7	3,000	st	6	-	-	
S. Farnborough ...	1015.4	-1	W 3	o	68	75	7	3,000	st	10	-	1016.1	+1	W 2	b	68	65	8	4,200	cu	4	-	-	
London (Kew Obs.) ...	1016.0	-1	W 3	o	68	75	7	3,000	st	10	-	1016.1	+1	W 3	b	67	65	7	3,000	st	4	-	-	
Croydon ...	1016.0	-1	W 3	o	68	75	7	3,000	st	10	-	1016.1	+1	W 3	b	67	65	7	3,000	st	4	-	-	
1H. G.M.T. of 7 TH												7H. G.M.T. of 7 TH												
Renfrew ...	1015.7	+3	-	0	bw	42	92	8	-	cu	1	1019.5	+2	-	0	c	50	92	5	3,000	st	4	cu	4
Eskdalemuir ...	1015.7	+3	-	0	bw	42	92	8	-	cu	1	1020.1	+2	-	0	cw	46	97	7	2,000	st	5	cu	2
Valencia (Cahire's) ...	1022.4	0	-	0	o	59	*	*	*	*	*	1022.6	0	W	2	o	59	97	6	<500	st	10	-	-
Baldonnel ...	1021.8	+1	W 2	o	53	92	5	4,200	st	10	-	1022.1	+1	-	0	o	54	92	7	4,200	st	10	-	-
MANCHESTER (Alders) ...	*	*	*	*	*	*	*	*	*	*	*	1020.6	+2	W 1	o	54	85	3	3,000	st	10	-	-	
Ross on Wye ...	*	*	*	*	*	*	*	*	*	*	*	1021.7	+2	W 1	o	55	75	9	-	st	7	cu	1	
Falmouth ...	1022.4	0	NW 3	o	58	97	5	-	st	9	-	1023.3	+1	NW 1	c	56	97	5	-	-	cu	7	-	
Calshot (Hants) ...	1020.7	+2	W 2	b	52	92	8	4,200	st	10	-	1022.5	+3	NW 2	o	54	85	6	4,200	st	10	-	-	
Lymington (Folkestone) ...	1019.8	+2	W 2	benw	50	91	7	2,000	st	10	-	1020.3	+3	NW 4	b	50	97	6	-	-	cu	3	-	
Aberdeen ...	*	*	*	*	*	*	*	*	*	*	*	1019.0	+2	W 2	o	51	85	7	4,200	st	10	-	-	
Howden ...	1018.3	+4	NW 1	ow	48	97	7	12,500	st	8	A st	1020.0	+2	-	0	b	50	92	6	4,200	st	4	cu	2
Cranwell (Lines) ...	1019.4	0	NW 3	b	50	92	5	3,000	st	4	A st	1020.4	+3	NW 2	o	49	97	5	4,200	st	8	cu	1	
Felixstowe ...	*	*	*	*	*	*	*	*	*	*	*	1020.7	+3	NW 3	c	53	85	5	5,700	st	8	-	-	
Shoeburyness ...	*	*	*	*	*	*	*	*	*	*	*	1020.6	+2	NW 3	b	52	85	6	-	-	cu	1	-	
Benson ...	*	*	*	*	*	*	*	*	*	*	*	1021.8	+3	SW 2	o	54	85	7	-	-	cu	10	-	
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	1021.8	+2	W 2	o	53	92	7	3,000	st	5	cu	4	
London (Kew Obs.) at 1h ...	1019.5	+1	*	*	*	*	*	*	*	*	*	1021.5	+2	NW 1	om	53	85	5	3,000	st	7	-	-	
Croydon ...	1020.2	0	NW 3	c	55	82	7	3,000	st	6	A st	1021.6	+2	NW 1	b	51	92	5	4,200	st	1	cu	1	
STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.																								
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND. Direc. Force 0-12.	Weather.	BAROMETER. at M.S.L. mb.	TEMPERATURE. Temp. °F.	Change in 24 hours.	WIND. Direc. Force 0-12.	WEATHER.	Sea 0-9.	Rainfall mm.	TEMP.			WEATHER.			Sunshine Hours.						
												Max. °F.	Min. °F.	Morning.	Afternoon.	Night.								
												18H. G.M.T. of 6 TH												7H. G.M.T. of 7 TH
Lerwick ...	1011.3	51	W 4	b	1016.0	+3	47	-2	N	2	-	54	40	c	b	b	*							
Stornoway ...	1015.9	55	N 2	b	1018.6	+1	50	-1	-	0	-	58	44	c	b	o	1.2							
Castlebay (Barra) ...	1017.1	55	W 4	b	1018.9	0	52	-2	-	0	-	58	51	c	b	c	3.8							
Malin Head ...	1017.3	55	W 3	c	1019.0	0	53	-2	W	2	-	56	52	c	o	o	5.6							
Blackod Point ...	1019.4	55	W 1	b	1019.2	-2	57	0	W	1	-	60	54	o	b	c	*							
Rochie's Point ...	1021.4	63	W 8	b	1022.7	0	59	-1	NW	1	-	68	57	o	b	b	*							
Birr Castle ...	1020.3	61	W 1	c	1020.7	*	54	-5	S	1	-	64	52	c	c	m	7.7							
Donaghadee ...	1017.7	57	N 3	c	1020.2	+1	53	-4	W	1	-	61	52	om	b	om	*							
Liverpool (Bishop) ...	1017.5	58	W 4	o	1020.7	+1	55	+4	W 3	NW	0	61	55	o	b	o	0.5							
Holyhead ...	1018.6	59	W 3	om	1021.1	+1	55	+3	W 2	NW	0	61	54	om	om	o	2.2							
Pembroke (St. Ann's) ...	1020.4	60	W 2	b	1022.7	0	55	-4	-	0	-	60	53	o	b	o	4.7							
Jersey (St. Mary's) ...	1023.3	60	W 2	o	1024.8	0	58	-1	NW	1	-	63	58	o	o	o	0.5							
Portland Bill ...	1021.3	62	W 5	o	1022.8	0	58	-2	NW	2	-	66	57	o	o	o	2.6							
Dungeness ...	1019.0	63	W 4	b	1022.2	+3	59	-2	NW 3	-	-	65	55	c	c	b	*							
Wick ...	1018.3	63	WSW 4	b	1020.8	+2	57	-10	W 2	NW	0	66	43	c	c	b	*							
Nairn ...	1013.9	56	NW 2	c	1017.5	+1	50	+6	W 1	-	-	56	43	b	c	c	1.6							
Leith ...	1014.9	56	W 1	c	1018.7	*	51	+3	-	0	-	59	47	c	b	c	*							
Tynemouth ...	1014.5	61	NW 3	c	1018.5	+1	51	-5	W 1	-	-	64	51	c	b	c	*							
Spurn Head ...	1015.6	61	W 3	o	1019.3	+2	53	-2	W 2	-	-	64	50	b	b	om	*							
Yarmouth (New) ...	1013.3	59	W 5	b	1019.3	+1	55	-3	NW 3	-	-	63	51	o	b	o	*							
Clacton-on-Sea ...	1014.7	64	NW 4	c	1019.6	+2	57	-5	NW 2	-	-	70	53	o	b	c	5.0							
Nottingham ...	1016.6	60	W 3	o	1020.1	+3	52	-9	W 2	NW	0	70	49	o	b	c	4.6							
					1020.9	*	51	-9	WSW 1	W	0	67	48	o	b	c	5.3							

* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

§ For code see page 3

SUMMARY OF CONDITIONS AT 7 h.G.M.T. 7.9.20.

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

Temperature reported from Coastal and Cross Channel Steamers.

Position Number	Date	Time G.M.T.	Sea °F	Air °F
5	6 th	0735	55	57
3	6 th	0915	56	59
6	6 th	1450	61	62
7	7 th	0330	60	59
12	7 th	0320	53	53
4A	7 th	0500	53	54
5	7 th	0720	55	54

CHART OF POSITION NUMBERS and Upper Cloud



Isallobars.



Barometric change in half millibars, per 3 hours.

Lower Cloud.



EXPLANATION.

BAROMETER.—Isobars are drawn at intervals of two millibars. WIND.—Direction is shown by the arrow pointing to the right. Force, in knots, is indicated by the number of feathers. Mean velocity is shown by the number in small circles per hour by figures in small circles. TEMPERATURE.—Isobars are drawn at intervals of two degrees. WEATHER SYMBOLS.—clear sky, sky & clouds, overcast sky, snow, fog, rain, sleet, hail, thunder, sea disturbance, rough, high.

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

A very shallow secondary depression over the North of Ireland may cause some slight rain over our Northern districts today, but in the South the weather will probably be fair. Another depression which is approaching Iceland is likely to cause less fair weather over the British Isles generally after the ensuing 24 hours.

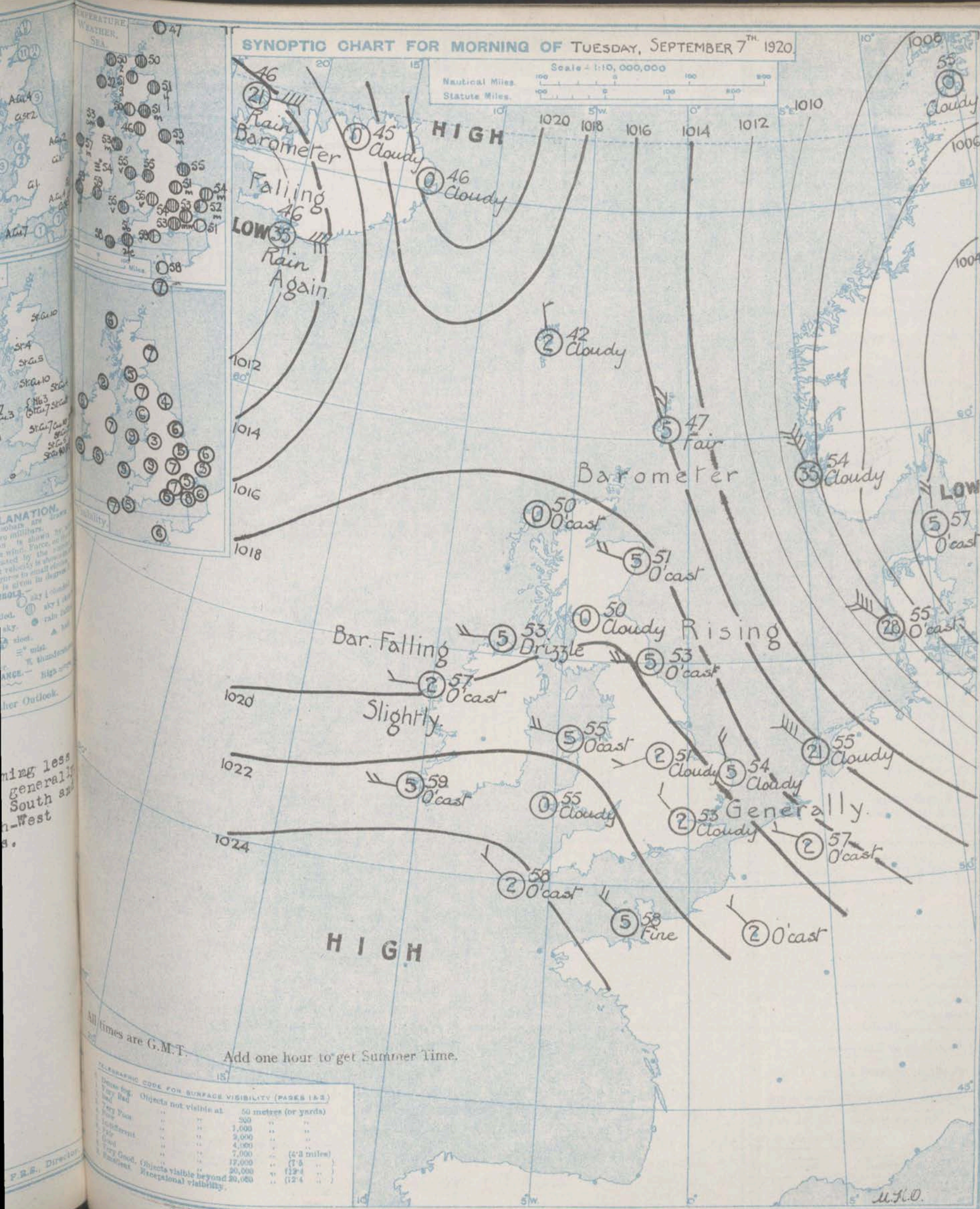
Districts. Forecasts for the 24 hours commencing 15h G.M.T. Tuesday, 7th Sept. 1920.

1. S.E. England	Wind North-West and West, light; Mainly fair, but cloudy or overcast at times. Visibility fair generally. Moderate temperature.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Wind light between West and North-West, then backing to South-West; a good deal of cloud and slight local showers, fairer intervals. Visibility mainly fair during day. Moderate temperature.
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Becoming less fair generally with South and South-West winds.

SYNOPTIC CHART FOR MORNING OF TUESDAY, SEPTEMBER 7TH 1920

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



EXPLANATION.
Numbers are given in circles.
In the case of rain, or snow, or fog, or mist, or haze, or drizzle, or sleet, or hail, or thunder, or lightning, or any other phenomenon, the symbol is shown in the appropriate position.
The direction of the wind is shown by the arrow.
The force of the wind is shown by the number of strokes.
The temperature is shown by the number in the circle.
The barometer is shown by the number in the circle.
The time of day is shown by the number in the circle.
The day of the month is shown by the number in the circle.
The month of the year is shown by the number in the circle.
The year is shown by the number in the circle.

ning less
generally
South and
West
s.

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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)

Objects not visible at	50 metres (or yards)
Very Poor	500
Poor	1,000
Lightly	2,000
Fair	4,000
Good	7,000
Very Good	17,000
Excellent	20,000
Exceptional visibility	20,000

F.R.S. Director

U.K.D.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 251.

TUESDAY
7th SEPTEMBER 1920

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

STATIONS.	WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.
Scotland.									England, N.W.								
Oban ...	bef	bc	59	52	1	-	4.1	?	Douglas (I.O.M.)	+	+	64	56	9	-	2.0	0.0
Banff ...	o.c	bc.c	59	41	-	-	4.4	7.6	Blackpool ...	+	+	62	54	1	-	2.0	0.0
Montrose ...	o	o.c	57	47	-	1	1.3	?	Southport ...	o.c.o.c	o.c	61	57	5	-	4.9	?
St. Andrews ...	o	o	64	43	-	2	4.1	?	MORECAMBE	+	+	63	53	0.3	-	-	-
England, E.									Midlands.								
Harrogate ...	c.bc	b.bc.c	64	52	-	-	6.9	0.1	Buxton ...	bc.c	o.bc.c	68	54	10	0.1	0.5	?
Scarborough ...	bc	b	74	53	0.3	-	4.2	0.0	Leamington Spa...	bc	bc	70	49	1	-	4.0	0.0
Skegness ...	o.bc.c	b	68	54	-	-	7.9	?	Malvern ...	bc	c	69	60	-	-	4.6	0.0
Lowestoft ...	o.fc	o.bc.c	69	56	0.2	0.3	5.0	0.0	Bath ...	o	o.c.bc.c	71	60	-	-	-	-
Felixstowe ...	o	bc	70	58	3	-	5.1	0.1	Rhyl ...	o.bc.c	c	61	59	4	0.4	0.9	0.0
Southend-on-Sea...	o	o.c.bc	73	59	1	-	4.4	0.6	Colwyn Bay ...	+	+	61	59	13	-	0.6	0.0
England, S.E.									Llandudno ...	bc.c	c	61	58	10	0.2	0.7	?
Tunbridge Wells	o	bc.c	73	60	-	-	2.2	0.3	Aberystwyth ...	o.c.c	b	63	58	-	-	3.2	?
Margate ...	o	c.bc	69	59	2	-	3.0	0.3	Tenby ...	cd	bc	67	57	0.8	-	3.2	?
Ramsgate ...	+	+	70	58	2	-	3.8	0.2	Swansea ...	+	+	69	54	-	-	3.7	6.5
Folkestone ...	o.c.c	c	74	61	1	-	4.2	0.0	Weymouth ...	o.g.c	bc	69	59	-	-	4.0	?
Hastings ...	c.o	o.bc.c	70	60	-	-	3.3	0.3	Teignmouth ...	o.c.bc	c.bc.c	70	58	-	-	8.6	10.3
Eastbourne ...	o	bc.c	68	61	-	-	3.4	0.0	Torquay ...	bc	bc	70	57	-	-	7.1	?
Brighton ...	o	bc	69	58	-	-	2.9	1.2	Paignton ...	bc	bc	70	57	-	-	1.2	4.2
Worthing ...	o	bc	69	58	-	-	2.5	2.0	Penzance ...	o.c	om	65	54	-	-	0.0	0.5
Littlehampton ...	o.c.c	bc	70	59	-	-	1.0	?	Newquay ...	o.g	o.g	61	58	-	-	0.0	5.4
Portsmouth (S'ham)	+	+	69	60	-	-	2.2	2.5	Bude ...	o	o	64	59	-	-	0.0	6.0
Bournemouth ...	+	+	75	58	-	-	2.0	4.6	Ilfracombe ...	o	o	62	58	-	-	3.2	5.0
Ventnor (I. of W.)	+	+	64	59	-	-	3.3	2.5	Weston-s-Mare ...	c.bc	c.bc	66	59	-	-	-	-

STATIONS.	SUMMARIES FOR PAST 24 HOURS.								BEAUFORT NOTATION.	THE BEAUFORT SCALE OF WIND FORCE. Used only for surface observations.		
	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	RAINFALL.			Sun. Hours.	
	7h-13h ^{PM} .	13h-18h ^{PM} .	18h-24h ^{PM} .	1h-7h ^{AM} .				Day. 7h-13h.				Night. 18h-7h.
Renfrew ...	o.f.c.	b.c.b.c	b.b.c	o.2f.c	61	47	37	0.1	-	6.1	b blue sky (not more than a quarter covered).	
Eskdalemuir ...	b.c	c.o.v.c.o.b.c	b.b.b.w	b.b.c.c.w	59	38	32	-	-	2.6	bc sky partly cloudy (one half covered).	
Valencia (Cahire) ...	o.f.c.	o.f.c.	o.f.c.	o.f.c.	61	58	58	-	1	0.0	c generally cloudy (three quarters covered).	
Baldonnel ...	c.o.c.o	c.o.c.o	c.c	c.o.w	63	47	47	0.1	-	3.3	d drizzle, or fine rain.	
MANCHESTER (ANDY) ...	o.f.c.	o.f.c.	b.b.c	o.f.c	63	52	47	Trace	0.1	?	e wet air without rain falling.	
Ross on Wye...	c.o.g.b.c	b.c.c	b.c.c	b.c.c	73	50	41	-	-	5.6	f fog.	
Falmouth ...	b.c.c	b.c.c	c.o.f.c	c.o.f.c	66	56	46	-	-	3.5	g gloom.	
Calshot (Hants)...	o	c.o.b.c	b.b.c	b.c.c	69	50	40	-	-	3.1	h hail.	
Lympne (Folkestone) ...	o.f.c.	b.c.c	b.c.c	b.c.c	69	46	40	0.1	-	2.8	i lightning.	
Aberdeen ...	o.f.c.	b.c.c	b.b.c	b.c.c	60	45	34	-	-	4.2	m mist.	
Howden ...	b.c.c	?	w.b.c	b.c.c	67	46	37	?	?	7.2	o overcast sky.	
Cranwell (Lincs) ...	b.c.c	b.c.c	c.o.b.c	b.c.c	67	45	37	-	-	7.7	p passing showers.	
Felixstowe ...	b.c.c	b.c.c	b.b.c	b.c.c	70	52	38	0.2	0.2	8	q squalls.	
Shoeburyness ...	b.c.c	b.c.c	b.b.c	b.c.c	74	49	43	-	-	4.1	r rain.	
Benson ...	b.c.c	b.c.c	b.b.c	b.c.c	71	48	39	-	-	4.8	rs sleet, i.e., rain and snow together.	
S. Farnborough ...	o.o	a.b.c	b.b.c	b.b.c	73	45	37	-	-	4.4	s snow.	
London (Kew Obs.) ...	c.o	b.c.c	b.b.c	b.c.c	71	50	38	-	-	4.1	t thunder.	
Croydon ...	o.f.c.	a.c.b.c	c.o.b.c	b.c.c	71	49	38	-	-	4.1	u ugly, threatening sky.	
											v unusual visibility.	
											w dew.	
											x hoar frost.	
											y dry air; humidity less than 60 per cent.	
											z dust haze; the turbid atmosphere of dry weather.	
											Capital letters indicate intensity, and repetition of letters continuity, thus: R = heavy rain.	
											r = continuous moderate rain.	
											r.f. = continuous light rain.	

LONDON OBSERVATIONS.	WEATHER.				TEMP.		RAINFALL.		SUNSHINE.		HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.
	Morning.	Afternoon.	Night.	Max. F.	Min. F.	Min. on Grass.	mm.	Hours.	15h. G.M.T.	9h. G.M.T.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Total ... 7.77 Joules.		
Greenwich (Royal Observatory)	o	b	c	72	47	38	-	4.5	54	77			Stations.	Sunrise.
City (Bunhill Row)	+	+	+	+	+	+	-	3.6	+	+			Greenwich	5.04
Westminster (St. James's Park)	+	+	+	72	49	41	-	3.7	61	76			Wick	5.25
Camden Sq. (British Rainfall)	o.c.bc	bc	+	76	49	44	-	+	60	77			Valencia	5.25
Kensington Palace	o	b	+	73	48	49	-	+	65 (18h)	81				
Hampstead Observatory	+	+	+	72	48	+	-	4.5	+	81				

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

Exposure from 12.55 h. 45 m. to 1.15 h. 15 m.

Stars.	Duration of Exposure.	Duration of Record.	%
Polaris	8 30	6 40	78
8 Ursae Minoris	8 30	5 30	65

NOTES ON THE WEATHER OF YESTERDAY.

Temperature again rose to 70° or a little higher in many parts of Southern and Central England and also on the coast of Yorkshire. The bright sunshine records were slight or moderate generally, but fairly high here and there; the highest value was 8.6 hours at Torquay (up to 17h GMT). Very slight rain was experienced in places - mostly in the North.

ON:

RECORDED 7th.

TEMPERATURE.

Max. F.

Min. F.

Max. F.

Min. F.

Max. F.

Min. F.

Max. F.

Min. F.

Max. F.

Min. F.

Max. F.

Min. F.

Max. F.

Min. F.

Max. F.

Min. F.

Max. F.

Min. F.

Max. F.

Min. F.

Max. F.

Min. F.

Max. F.

Min. F.

Max. F.

Min. F.

Max. F.

Min. F.

Max. F.

Min. F.

Max. F.

Min. F.

Max. F.

Min. F.

Max. F.

Min. F.

Max. F.

Min. F.

Max. F.

Min. F.

Max. F.

Min. F.

Max. F.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 25472 WEDNESDAY 8th SEPTEMBER 1920.

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

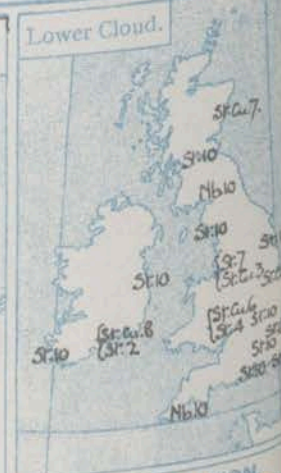
STATIONS.	BAROM.	↑	WIND.		Temp.	Humidity.	Visibility	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea	BAROM.	↓	WIND.		Temp.	Humidity.	Visibility	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea		
	at M.S.L.	Change in 3 hours.	Dir.	Force					Form.	Amt.	Form.	Amt.		Form.	Amt.	Form.												
	mb.	hours.	0-12.	°F.					0-9.	Feet.	0-10.	0-9.		mb.	hours.	Dir.	Force					°F.	0-9.	Feet.	Form.		0-10.	0-9.
12H. G.M.T. 7 th SEPT.														18H. G.M.T. OF 7 th SEPT.														
Renfrew	1020.3	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1020.1	0	SSW	2	02f	56	75	5	2,000	Sr	9	-	-	-	
Eskailemuir	1020.3	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1020.2	0	SSW	2	02f	56	75	5	2,000	Sr	10	-	-	-	
Valencia (Cahire's)	1020.5	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1020.3	0	WSW	2	02f	56	75	5	2,000	Sr	10	-	-	-	
Baldonnel	1020.6	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1020.4	0	WSW	2	02f	56	75	5	2,000	Sr	9	-	-	-	
Didsbury	1020.8	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1020.5	0	WSW	2	02f	56	75	5	2,000	Sr	10	-	-	-	
Ross on Wye	1021.0	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1021.1	0	WSW	2	02f	56	75	5	2,000	Sr	9	-	-	-	
Falmouth	1021.1	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1021.2	0	WSW	2	02f	56	75	5	2,000	Sr	10	-	-	-	
Calshot (Hants)	1021.2	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1021.3	0	WSW	2	02f	56	75	5	2,000	Sr	10	-	-	-	
Lymington (Folkestone)	1021.3	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1021.4	0	WSW	2	02f	56	75	5	2,000	Sr	10	-	-	-	
Aberdeen	1021.4	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1021.5	0	WSW	2	02f	56	75	5	2,000	Sr	10	-	-	-	
Howden	1021.5	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1021.6	0	WSW	2	02f	56	75	5	2,000	Sr	10	-	-	-	
Cranwell (Lincs)	1021.6	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1021.7	0	WSW	2	02f	56	75	5	2,000	Sr	10	-	-	-	
Felixstowe	1021.7	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1021.8	0	WSW	2	02f	56	75	5	2,000	Sr	10	-	-	-	
Shoeburyness	1021.8	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1021.9	0	WSW	2	02f	56	75	5	2,000	Sr	10	-	-	-	
Benson	1021.9	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1022.0	0	WSW	2	02f	56	75	5	2,000	Sr	10	-	-	-	
S. Farnborough	1022.0	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1022.1	0	WSW	2	02f	56	75	5	2,000	Sr	10	-	-	-	
London (Kew Obs.)	1022.1	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1022.2	0	WSW	2	02f	56	75	5	2,000	Sr	10	-	-	-	
Croydon	1022.2	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1022.3	0	WSW	2	02f	56	75	5	2,000	Sr	10	-	-	-	
1H. G.M.T. OF 8 th SEPT.														7H. G.M.T. OF 8 th SEPT.														
Renfrew	1021.2	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1021.0	-1	WSW	2	01f	53	77	1	750	Sr	10	-	-	-	
Eskailemuir	1021.2	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1021.0	-1	WSW	2	01f	53	77	1	750	Sr	10	-	-	-	
Valencia (Cahire's)	1021.6	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1020.9	-1	WSW	2	01f	53	77	1	750	Sr	10	-	-	-	
Baldonnel	1021.6	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1020.8	0	WSW	2	01f	53	77	1	750	Sr	10	-	-	-	
Didsbury	1020.7	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1020.6	0	WSW	2	01f	53	77	1	750	Sr	10	-	-	-	
Ross on Wye	1021.0	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1021.1	0	SE	1	03f	55	92	3	2,000	Sr	10	-	-	-	
Falmouth	1021.1	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1021.7	0	WSW	2	01f	56	97	4	2,000	Sr	10	-	-	-	
Calshot (Hants)	1021.2	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1022.4	0	WSW	2	01f	56	97	5	2,000	Sr	10	-	-	-	
Lymington (Folkestone)	1021.3	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1022.5	0	N	1	02f	58	92	4	2,000	Sr	10	-	-	-	
Aberdeen	1021.4	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1022.4	0	N	1	01f	55	97	7	2,000	Sr	10	-	-	-	
Howden	1021.5	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1021.3	-1	WSW	2	01f	50	97	2	5700	Sr	7	-	-	-	
Cranwell (Lincs)	1021.6	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1021.2	-1	WSW	2	01f	52	97	3	3,000	Sr	10	-	-	-	
Felixstowe	1021.7	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1021.7	0	WSW	2	02f	55	85	5	3,000	Sr	9	-	-	-	
Shoeburyness	1021.8	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1022.3	0	WSW	2	02f	57	85	3	5700	Sr	10	-	-	-	
Benson	1021.9	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1022.3	0	WSW	2	02f	58	85	5	3,000	Sr	7	Alu	2	-	-
S. Farnborough	1022.0	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1021.4	0	WSW	2	02f	55	97	2	-	Sr	10	-	-	-	
London (Kew Obs.)	1022.1	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1022.4	0	WSW	2	02f	55	97	4	2,500	Sr	10	-	-	-	
Croydon	1022.2	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1022.4	0	SW	1	01f	57	85	4	3,000	Sr	6	Alu	4	-	-
	1022.6	0	WSW	2	01f	51	7	2,000	Sr	10	-	-	-	1022.6	0	SSW	1	01f	56	92	5	2,000	Sr	10	-	-	-	

STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.

STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.																							
	at M.S.L. mb.	°F.	Dir.	Force 0-12.		at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.																								
	18H. G.M.T. of 7 th SEPT.															7H. G.M.T. of 8 th SEPT.															24 HOURS ENDED 7H. 8 th SEPT.													
Lerwick	1018.1	50	WNW	1	c	1017.8	-1	48	+1	ENE	1	-	0	0	1	54	42	bc	bc	omr	*																							
Stornoway	1018.6	55	S	1	op	1015.3	-2	53	+3	SSE	2	-	0	1	1	58	49	op	op	c.oz	0.3																							
Castellbay (Barrals)	1019.3	53	S	2	op	1015.2	0	55	+2	SW	3	-	0	3	1	56	52	a.c.o.c	c.op	bc.opm	0.9																							
Malin Head	1018.2	56	RRR	1	c	1016.5	0	56	+3	SW	2	SW	om	3	1	60	52	c	om	op	0.4																							
Blackod Point	1018.1	58	SW	2	om	1018.5	0	52	+5	W	1	-	bc	1	1	63	50	om	om	om.c.bc	*																							
Roche's Point	1022.0	64	W	2	0	1021.8	0	60	+1	SE	1	-	0	1	0.2	68	55	a.c.o	a.bc.c	c.o	*																							
Birr Castle	1020.7	63	SW	1	0	1021.2	0	53	+1	SW	1	W	c	*	0.3	65	52	om	c.o	c	3.5																							
Donaghadee	1019.6	58	SSW	2	0	1018.5	+1	55	+2	S	1	-	om	1	0.1	62	53	om	bc.o	om	*																							
Liverpool (Bidston)	1021.5	56	NW	1	bc	1020.5	0	55	0	SE	1	W	bc	1	-	60	54	a.c	b.bc	c.bc	3.7																							
Holyhead	1020.4	57	SSW	4	op	1020.3	0	58	+3	SW	4	-	1.0	Trace	62	55	a.cv	a.op	c.bc/c	2.0																								
Pembroke (St. Ann's Head)	1022.4	67	-	0	bc	1022.1	0	58	+3	SE	1	-	og	1	-	76	55	cv.om	a.op	om.op.o	0.9																							
Scilly (St. Mary's)	1023.6	60	NW	1	c	1023.2	-1	58	0	NW	1	-	f	2	-	64	57	om	om.c.c	bc.c	0.3																							
Jersey (St. Aubin)	1023.0	56.3	NE	3	c	1022.7	0	60	+2	E	2	-	fo	2	-	66	52	bc	c.bc.c	b.o	3.0																							
Portland Bill	1023.3	61	W	4	0	1023.3	0	60	+1	N	2	-	bc	2	-	65	58	bc	bc.c	c.bc	*																							
Dunmagee	1021.5	59	-	0	b	1022.1	0	53	+2	NW	2	NW	bc	2	-	62	+8	c	c.c	bc.a.bc	*																							
Wick	1018.7	58	-	0	0	1017.9	-2	53	+3	SE	1	-	c	1	-	55	48	om	om.op	a.bc.c	*																							
Nairn	1018.5	56	-	0	c	1015.8	*	49	-2	-	0	-	cq	0	-	59	44	cg	op	cg	0.0																							
Leith	1019.3	57	SW	1	c	1017.7	-1	54	+3	NE	1	-	d.m	1	0.4	61	51	om.c.bc	c.bc.c	b.bcm	*																							
Tynemouth	1020.5	54	SE	2	o	1020.2	0	54	+1	S	1	-	of	2	-	55	52	o	o	bc.m.f	*																							
Spartan Head	1020.7	56	E	2	cg.m	1021.2	0	55	0	W	1	-	m	2	-	63	50	om	om	bc.m	*																							
Yarmouth (for London)	1020.5	60	-	0	bc	1020.9	0	54	0	W	1	-	om	1	-	61	52	o	bc	bc3.om	0.0																							
Clacton-on-Sea	1021.6	58	S	3	c	1021.9	0	57	+5	SSW	1	W	om	1	-	62	51	bc.m.c	cg	bc3.om	1.4																							
Nottingham	1021.2	59	NNW	2	om	1021.5	*	53	+2	SW	1	N	om	2	-	62	+9	om	c.bc.m	bm	1.2																							

SUMMARY OF CONDITIONS AT 7 h.G.M.T. 8. 9. 20.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.	Temperature reported from Coastal and Cross Channel Steamers.				
				Position Number.	Date	Time G.M.T.	Sea ° F	Air ° F
1. S.E. England	Cloudy to overcast, local mist.	Fair	V. Smooth	3	7 th	00.15	56	58
2. E. England	Dull local mist	Indif.	V. Smooth	7	8 th	02.05	60	60
3. E. Midlands	Dull fog in places.	V. Poor	-	4	8 th	03.05	58	59
4. W. Midlands	Dull misty.	Poor	-	12	8 th	03.30	53	55
5. S.W. England	Fair to overcast foggy	Fair	Smooth	8	8 th	04.33	60	60
6. South Wales	Dull misty.	Fair	V. Smooth					
7. North Wales	Fair or cloudy, misty	Indif.	V. Smooth					
8. N.W. England	Dull local drizzle some	Poor.	V. Smooth					
9. N. Midlands	Overcast slight fog.	Poor	-					
10. N.E. England	Dull, misty.	V. Poor	Smooth					
11. E. Scotland	Cloudy local mist and	V. Poor	Smooth					
12. S.W. Scotland	Dull drizzle & mist or	Bad.	"					
13. Isle of Man	Dull some mist & drizzle	Poor	"					
14. N. & N.W. Scot-land	Cloudy drizzle in South.	Indif.	V. Smooth					
15. Hebrides	Dull local mist.	Fair.	"					
16. Orkneys and Shetlands	Dull.	Good.	Calm.					
17. N.W. Ireland	Fair.	V. Good	V. Smooth					
18. N.E. Ireland	Cloudy or dull slight	Fair.	Smooth					
19. S.E. Ireland	Dull local drizzle.	V. Poor	V. Smooth					
20. S.W. Ireland	Dull local drizzle.	Poor.	Slight.					



EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of two millibars.
WIND.—Direction is shown by the flying with the wind. Force, on the 0-12, is indicated by the number of feathers. Mean velocity is shown in per hour by figures in small circles.
TEMPERATURE.—Mean temperature is given in degrees.
WEATHER SYMBOLS.—
 ☉ sky & cloud.
 ☁ sky & cloudy.
 ☂ overcast sky.
 * snow. * sleet.
 ☄ fog. ☄ mist.
 T thunder. R rain.
SEA DISTURBANCE.—
 Rough. High.

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

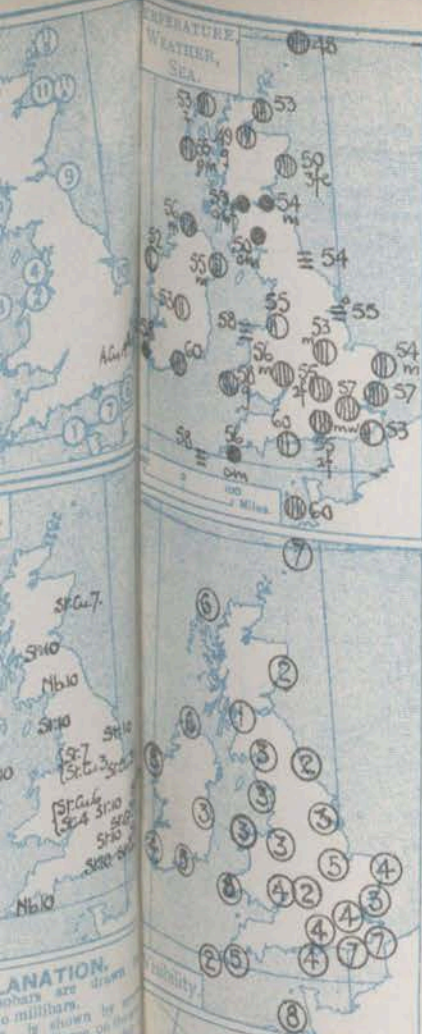
A depression to the Westward of Iceland is extending slowly Eastward and some small, shallow depressions are shown over the North & North-West of the British Isles. Mainly fair weather seems probable in the South and South-East, but much cloud, with occasional slight rain is likely in the more Northern and Northwestern districts.

Districts.	Forecasts for the 24 hours commencing 15h.G.M.T. Wednesday, 8th.Septr.1920.
1. S.E. England	Wind light from some Westerly point. Mainly fair, but much cloud at times; mist locally. Visibility indifferent to fair. No important change of temperature.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Wind light from South and South-West. Much cloud, some slight rain or drizzle, fairer intervals; mist or fog locally. Visibility indifferent, then improving. Little change of temperature.
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Wind mainly between South and South-West, light to moderate. Much cloud generally, some slight rain; local mist or fog. Visibility indifferent to fair. Little change of 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	
20. S.W. Ireland	

None issued,

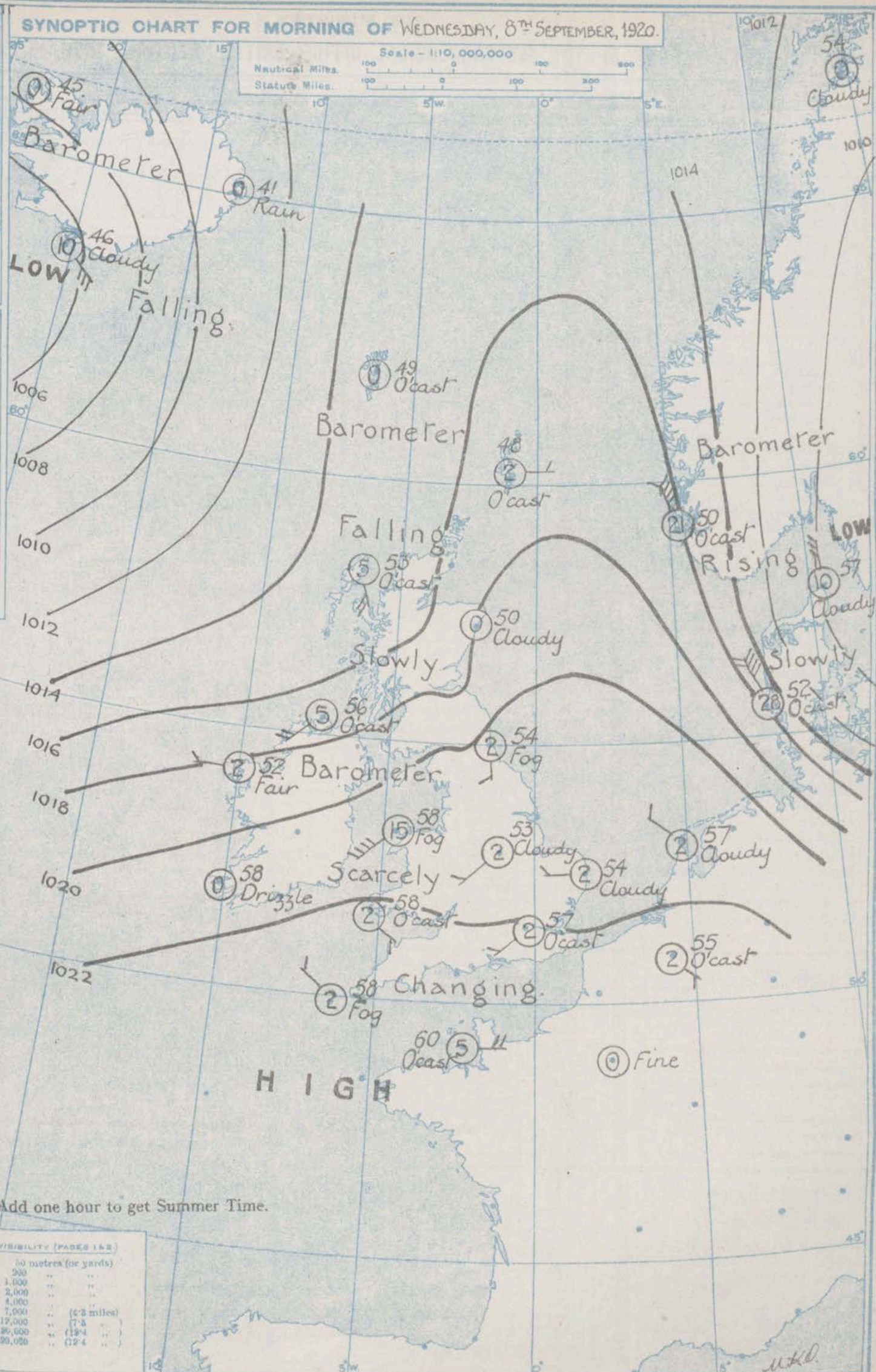
SYNOPTIC CHART FOR MORNING OF WEDNESDAY, 8TH SEPTEMBER, 1920.

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



ANATION.
obars are drawn
o millibars.
to shown by
whit. Force, on
ated by the
velocity is shown in
ures in small circles
is given in degrees
SOLS -
sky - cloud
ed. - sky - cloud
sky - rain - rain
sleet. - mist.
X - thunder
HCE. - High
er Outlook.

sued,



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

SYNOPTIC CODE FOR SURFACE VISIBILITY (PAGE 1 & 2)

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

P. R. S., Director

AIR MINISTRY.

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

WEDNESDAY
8 SEPTEMBER 1920

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 7th.....																			
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-19h. 7 th	Day. 9h-17h. 7 th	to 17h. 7 th	Sunrise to Sun- set. 6 th			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-19h. 6 th	Day. 9h-17h. 7 th	to 17h. 7 th	Sunrise to Sun- set. 6 th
Scotland.	Oban ...	a. c.	o	58	49	-	-	1.3	5.3	England, N.W.	Douglas (I.O.M.)	+	+	59	51	-	-	0.8	2.0
	Banff ...	a. c.	o	57	51	-	-	0.1	4.5		Blackpool ...	o	c	62	58	-	-	1.5	2.3
	Montrose ...	o	o	58	46	-	-	0.0	1.4		Southport ...	a. c.	a. c. to c	60	54	-	-	1.5	1.2
	St. Andrews ...	o	c	58	49	-	-	0.5	4.4		MORECAMBE	+	+	61	54	9	-	0.3	2.3
England, N.E.	Harrogate ...	b. to c	c. to b	63	46	-	-	6.5	4.1	Midlands.	Buxton ...	bc. a. c.	bc. b. to c	69	50	-	-	1.2	0.6
	Scarborough ...	o	o	62	53	-	-	0.0	4.3		Leamington Spa...	c	bc. b	62	52	-	-	2.3	8.3
	Skegness ...	om. bc.	bm	63	46	-	-	3.8	8.9		Malvern ...	c. bc	bc. c	66	54	-	-	4.8	4.0
	Lowestoft ...	o	a. c. o	63	52	-	-	0.4	5.0		Bath ...	bc. c	bc. c. o	66	44	-	-	3.4	4.6
England, E.	Felixstowe ...	o	o	62	52	-	-	1.0	5.4	Wales.	Rhyl ...	c. bc	bcv	61	56	-	-	4.0	0.4
	Southend-on-Sea...	b. bc. c	c. bc	65	49	-	-	3.6	4.5		Colwyn Bay ...	+	+	63	54	-	-	4.3	0.4
	Tunbridge Wells	c	bc. b	66	46	-	-	4.9	2.6		Llandudno ...	c	c	63	55	-	-	1.5	2.1
	Margate ...	a. c. bc	bc. c	60	54	-	-	3.4	3.0		Aberystwyth ...	a. c. bc	o. o	62	54	-	-	0.0	3.4
England, S.E.	Ramsgate ...	+	+	+	+	-	-	2.1	3.9	England, S.W.	Tenby ...	cd	c. bc	62	49	-	-	1.6	4.2
	Folkestone ...	bc. c	c. o	64	52	-	-	3.1	4.2		Swansea ...	+	+	63	53	-	-	6.1	4.9
	Hastings ...	b. bc. o	c. bc. c	65	51	-	-	5.5	4.1		Weymouth ...	bc	bc. c	71	49	-	-	5.2	4.3
	Eastbourne ...	bc. o	a. bc. c	65	53	-	-	5.9	4.0		Teignmouth ...	b. bc	bc. c. o	68	48	-	-	5.5	8.6
	Brighton ...	o	bc	66	50	-	-	2.7	3.2		Torquay ...	w. bc. b	bc. c. o. b	68	53	-	-	4.6	4.1
	Worthing ...	o	c. bc	64	49	-	-	2.8	3.2		Paignton ...	a. bc	bc. c. p	68	44	-	-	0.1	4.6
	Littlehampton ...	a. c.	bc	69	54	-	-	1.0	2.2		Penzance ...	om. c	c. o	64	55	-	-	0.1	0.0
	Portsmouth (S. thea)	+	+	62	57	-	-	5.1	2.9		Newquay ...	om. p. do	om	61	51	-	-	0.1	0.9
	Bournemouth ...	+	+	68	44	-	-	5.9	2.0		Bude ...	w. c. o	omd	64	50	-	-	1.7	0.3
	Ventnor (I. of W.)	+	+	54	50	-	-	6.3	8.6		Ilfracombe ...	c. bc. c. o	o	63	53	-	-	4.0	3.3
											Weston-s-Mare ...	bc	bc. c	64	54	-	-		

SCALE OF

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.	
STATIONS.	WEATHER.				TEMP.		RAINFALL.		Sun.	b blue sky (not more than a quarter covered).	bc sky partly cloudy (one half covered).	No.	Limits of Velocity at about 30 feet above ground.
	7h-12h.	12h-18h.	18h-24h.	24h-7h.	Max. F.	Min. F.	Day. 7h-18h.	Night. 18h-7h.					
Renfrew ...	a.f. o	o. a.f.	o.f.	o.f. p. d.	59	53	mm. 2	mm. 1.0		c generally cloudy (three quarters covered).	d drizzle, or fine rain.	0	Less than 1
Eskdalemuir ...	c. o. o	o. o. f.	o	o. o. d. o	55	44	mm. 0.4	mm. 0.5		e wet air without rain falling.	f fog.	1	1-3
Valencia (Cahire) ...	a.f. c. o	a. o.f.	o. p. d.	o.f. p. d. o	63	56	mm. 1	mm. 1.4		g gloom.	h hail.	2	4-7
Baldonnel ...	o. d. d.	o. b.	o	o. d. d. o. o	65	52	mm. 2.4	mm. 0.3		i lightning.	m mist.	3	8-12
MANCHESTER (Alex.)	a.f. p	o. b.	o. f.	o. p. f. c.	61	50	mm. 4.3	mm. 4.0		n passing showers.	p passing showers.	4	15-18
Ross on Wye ...	bc. cv	bc. c. o. o. o	o. c. o	c. w. p. o. f.	69	54	mm. 4.9	mm. 4.9		q squalls.	r rain.	5	19-24
Falmouth ...	c. o. o. f.	2. f.	o. f.	o. f.	64	55	mm. 4.9	mm. 4.9		rs sleet, i.e., rain and snow together.	s snow.	6	25-31
Calshot (Hants) ...	a.f. c. o	bc. cv	bc. c. f.	bc. c. f. o. f.	66	54	mm. 4.9	mm. 4.9		t thunder.	u ugly, threatening sky.	7	32-38
Lymington (Folkestone)	a. bc. f. o. p.	o. o. f.	o. f.	o. f. o. f.	61	50	mm. 4.9	mm. 4.9		v unusual visibility.	w dew.	8	39-46
Aberdeen ...	a.f. o	o. o. f.	o. f. o. f.	3. f. w.	57	42	mm. 0.0	mm. 0.0		x hear frost.	y dry air; humidity less than 60 per cent.	9	47-54
Howden ...	bc. o. d. d.	b. bc.	w. bc.	3. f. c. o	64	43	mm. 0.0	mm. 0.0		z dust haze; the turbid atmosphere of dry weather.		10	55-63
Cranwell (Lincs) ...	a.f. o	a. f. b. bc	bc. bc.	bc. c. o	62	49	mm. 0.0	mm. 0.0				11	64-75
Felixstowe ...	c. o. f.	3. o	o. f.	o. f. o. f.	62	52	mm. 4.9	mm. 4.9				12	Above 75
Shoeburyness ...	bc. b.	bc. c.	bc. bc. c.	o. f. o. f.	63	46	mm. 4.9	mm. 4.9					
Benson ...	bc. c	bc. c.	bc. c. bc. c.	o. f. o. f.	66	48	mm. 4.9	mm. 4.9					
S. Farnborough ...	o. o	o. bc. c	bc. c. c. o	c. o. 3. f.	65	51	mm. 4.9	mm. 4.9					
London (Kew Obs.) ...	w. o	o. f.	c. o	o. f. o. f.	63	53	mm. 4.9	mm. 4.9					
Croydon ...	bc. c. o.	c. o. f.	c. o. o. f.	o. f. o. f.	62	51	mm. 4.9	mm. 4.9					

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).		TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.	
Morning.	Afternoon.	Night.	Max. Temp. F.		Min. Temp. F.		Rain-fall.	Sun-shine to Sunset.	Humidity %	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Total ... Joules.	Average Rate. (9.1)	Maximum Rate. 43
			24 HOURS ENDED 8th G.M.T.	24 HOURS ENDED 8th G.M.T.	24 HOURS ENDED 8th G.M.T.	24 HOURS ENDED 8th G.M.T.							
Greenwich (Royal Observatory)	o	o. c. o	o. bc	64	54	49	-	0.6	58	82			
City (Bunhill Row) ...	+	+	bc	65	55	47	-	1.6	59	79			
Westminster (St. James's Park)	+	+	bc	65	55	47	-	1.9	59	79			
Camden Sq. (British Rainfall)	o. c. bc	c. o	+	67	55	48	-	54	54	93			
Kensington Palace ...	bc. o. c	bc. c	+	65	52	47	-	91.18h	75				
Hampstead Observatory ...	+	+	+	62	54	47	-	1.8	54	84			

Photographic Record of				NOTES ON THE WEATHER OF YESTERDAY.			
Pole Star (Polaris) and of 8 Ursae				Temperature rose to 71° at Weymouth and to 65° or rather higher at many other places in the South of England and also in Ireland. Bright sunshine duration was slight generally, but at Jersey the record was 9hrs, at Malvern 7.8hrs up to 5 p.m. GMT, and at some other stations about 6hrs. In various parts of the Kingdom the lack of sunshine was partly due to the prevalence of mist and fog. Slight rain fell in a considerable area in the North and North-West.			
Minoris at Greenwich Observatory.							
Exposure from 7.19. h. 45. m. to 7.4. h. 15. m.							
Star.	Duration of Exposure.	Duration of Record.					
Polaris	8. 30	h. m.	%				
8 Ursae	8. 30	h. m.	%				
Minoris	8. 30	h. m.	%				

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:
BRITISH SECTION. No. B. 2646 THURSDAY, 9TH SEPTEMBER, 1920.

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

STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND. Direc. Force 0-12.	Weather.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Form.	Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND. Direc. Force 0-12.	Weather.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Form.	Sea 0-9.												
13H. G.M.T. 5 TH SEPT.																							18H. G.M.T. OF 8 TH SEPT.											
Renfrew ...	1018.1	0	SW	2	01f	60	85	6	750	Sc Cu	10	1017.9	0	SW	2	c	60	75	7	3,000	Sc	2	5											
Eskdalemuir ...	1018.3	-1	WSW	4	c	61	75	8	3,000	Sc	7	1018.5	0	SSW	3	0	56	88	8	3,000	Sc	9	-											
Valencia (Cahen) ...	1020.0	-1	S	3	0	64	75	7	1,000	Sc	9	1018.6	-2	SSW	3	c	62	92	7	750	Sc	8	3											
Baldonnell ...	1020.4	-2	-	0	b	65	65	7	5,700	Sc	1	1018.7	-3	-	0	bc	64	75	8	4,200	Sc Cu	3	1											
MANCHESTER (ALEX.)	1020.5	0	W	2	02f	65	75	4	3,000	Sc Cu	10	1019.8	-1	W	1	02f	64	75	4	4,700	Sc Cu	8	1											
Ross on Wye ...	1021.1	-1	SW	2	0	67	65	7	4,200	Sc Cu	10	1020.0	-2	SSW	2	bc	63	75	6	4,200	Sc Cu	2	1											
Falmouth ...	1021.9	-1	SW	1	09m	60	72	5	-	Sc Cu	10	1020.5	-1	WSW	1	bc	61	92	5	-	Sc Cu	1	1											
Calshot (Hants) ...	1022.0	0	SW	2	0	62	85	8	2,000	Sc Cu	10	1020.6	-1	W	1	b	60	85	8	2,000	Sc Cu	2	1											
Lymington (Folkestone)	1021.8	-1	SW	3	0	63	75	8	3,000	Sc Cu	9	1021.1	-2	W	1	bc	60	85	8	4,200	Sc Cu	2	1											
Aberdeen ...	1016.7	-1	S	3	bc	62	75	5	1,200	Sc Cu	6	1016.6	-1	SW	3	bc	61	85	5	5,700	Sc Cu	2	4											
Howden ...	1020.2	0	-	0	03f	66	75	5	4,200	Sc Cu	10	1019.6	-1	-	0	03f	66	92	3	3,000	Sc	10	-											
Cranwell (Lincoln) ...	1020.4	-1	W	1	c	74	75	6	3,000	Sc	8	1020.0	-1	W	1	0	63	85	5	4,200	Sc	10	-											
Felixstowe ...	1021.8	-1	S	3	01f	63	65	5	4,200	Sc Cu	10	1021.3	0	S	3	03f	61	85	6	3,000	Sc Cu	10	-											
Shoeburyness ...	1021.4	-1	SSW	1	03f	71	35	6	2,000	Sc	4	1021.0	-1	SW	1	03f	63	75	5	4,200	Sc	4	3											
Benson ...	1020.6	-2	WSW	1	0	63	75	6	-	Sc	9	1020.4	0	-	0	0	62	85	5	-	Sc	10	-											
S. Farborough ...	1021.4	-1	WSW	2	01f	71	75	6	2,000	Sc Cu	10	1021.0	0	-	0	01f	62	92	6	3,000	Sc Cu	10	-											
London (Kew Obs.)	1021.5	-1	WSW	1	01f	65	75	5	3,000	Sc	5	1020.9	0	-	0	02f	63	85	4	3,000	Sc Cu	8	1											
Croydon ...	1021.1	0	SW	1	01f	64	75	6	2,000	Sc Cu	7	1021.3	-1	SSW	1	01f	61	85	6	4,200	Sc Cu	10	-											
1H. G.M.T. OF 9 TH SEPT.																							7H. G.M.T. OF 9 TH SEPT.											
Renfrew ...	1017.9	-1	SW	1	0	50	97	6	-	Sc Cu	10	1015.7	-1	SSW	1	03f	54	97	3	750	Sc	10	-											
Eskdalemuir ...	1017.5	-2	SW	2	bc	59	-	-	-	-	-	1015.5	-1	SSW	2	03m	52	97	3	1,250	Sc	10	-											
Valencia (Cahen) ...	1018.1	0	W	2	0	59	85	5	1,250	Sc	10	1015.8	-1	S	4	c	58	85	8	2,000	Sc	3	5											
Baldonnell ...	-	-	-	-	-	-	-	-	-	-	-	1016.8	0	SSW	3	0	57	85	6	2,000	Sc Cu	10	-											
MANCHESTER (ALEX.)	-	-	-	-	-	-	-	-	-	-	-	1018.6	-1	SE	1	03f	56	97	2	4,200	Sc	10	-											
Ross on Wye ...	-	-	-	-	-	-	-	-	-	-	-	1019.5	0	ENE	1	0m	55	97	4	5,700	Sc Cu	4	5											
Falmouth ...	1020.0	-1	-	0	03f	56	97	4	-	Sc	10	1018.7	0	-	0	02f	56	97	4	-	Sc Cu	4	5											
Calshot (Hants) ...	1020.7	-2	WSW	1	bc	51	97	1	4,200	Sc Cu	1	1019.7	-1	N	1	03f	52	97	8	4,200	Sc Cu	10	-											
Lymington (Folkestone)	1020.7	-2	ESE	2	bc	52	97	9	-	-	-	1020.4	0	ESE	2	01f	55	97	6	4,200	Sc Cu	4	1											
Aberdeen ...	-	-	-	-	-	-	-	-	-	-	-	1014.8	0	SSW	2	02f	53	92	5	4,200	Sc	8	-											
Howden ...	1019.8	-1	-	0	03f	49	97	0	500	Sc	10	1018.9	0	-	0	03f	55	97	1	2,500	Sc	10	-											
Cranwell (Lincoln) ...	1020.4	0	W	1	02f	59	92	5	3,000	Sc	9	1019.7	0	SSW	1	0	56	97	5	3,700	Sc Cu	10	-											
Felixstowe ...	-	-	-	-	-	-	-	-	-	-	-	1020.8	0	-	0	02f	58	97	3	6,700	Sc Cu	10	-											
Shoeburyness ...	-	-	-	-	-	-	-	-	-	-	-	1020.5	-1	E	1	03f	56	85	5	4,200	Sc Cu	8	1											
Benson ...	-	-	-	-	-	-	-	-	-	-	-	1019.1	+1	-	0	c	56	92	5	-	Sc	6	1											
S. Farborough ...	-	-	-	-	-	-	-	-	-	-	-	1020.1	0	SSE	1	bc	51	97	2	-	AS	3	2											
London (Kew Obs.)	1020.8	0	-	-	-	-	-	-	-	-	-	1020.3	+1	-	0	cm	57	97	4	3,000	Sc	2	3											
Croydon ...	1021.2	-1	S	3	02f	53	97	5	3,000	Sc	2	1020.5	0	SSW	1	bc	53	92	5	-	AS	2	3											

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 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.
	mb.	°F.	Dirac.	Force 0-12.		at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dirac.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	
	18H. G.M.T. of 2 TH					7H. G.M.T. of 9 TH					24 HOURS ENDED 7H. 2 TH										
Lerwick	1014.7	54	SSE	3	c	1011.9	-5	53	+5	SSE	2	-	f	2	-	57	44	0	0	0	2
Stornoway	1015.0	56	SSW	3	c	1009.3	+1	55	+2	WSW	3	-	dr	2	7	62	52	0	0	0	1.6
Castell Bay (Barra)	1016.4	56	SW	3	c	1010.8	0	55	0	WSW	3	-	op	3	1	58	54	0	0	0	2.8
Black Head	1016.4	56	NE	1	bc	1011.1	-2	58	+2	S	3	S	C	2	Trace	59	55	0	0	0	4.5
Roche's Point	1015.8	60	SW	3	0	1011.7	-2	56	+4	SSW	+0	-	omd	1	11	62	51	0	0	0	0
Birr Castle	1015.8	61	SW	2	0	1018.6	0	59	-1	WSW	1	-	0	1	0.4	66	58	0	0	0	0
Donaghadee	1016.0	65	S	2	C	1016.4	-	57	+4	S	1	-	C	1	-	69	52	0	0	0	7.5
Liverpool (Bilston)	1017.6	61	SW	2	bc	1015.2	-2	57	+2	WSW	1	-	bc	1	-	66	54	0	0	0	0
Holyhead	1019.6	58	NW	1	bc	1017.9	-2	56	+1	SSE	2	-	om	1	-	62	54	0	0	0	1.4
Pembroke (St. Ann's Head)	1019.8	58	SSW	3	bc	1017.4	0	58	0	S	4	-	0.5f	3	0.4	60	54	0	0	0	0.9
Scilly (St. Mary's)	1020.7	60	-	0	bc	1018.8	-1	57	-1	SE	1	-	0	1	-	62	57	0	0	0	1.0
Jersey (St. Aubin)	1021.1	62	-	0	bc	1019.2	-2	58	0	-	0	-	0	1	-	66	57	0	0	0	6.0
Portland Bill	1020.4	61	N	3	0	1018.5	0	55	-5	E	2	-	b	2	-	67	53	0	0	0	2.4
Dungeness	1021.0	62	WSW	3	bc	1019.3	-2	59	-1	NNE	3	-	0	2	-	66	54	0	0	0	0
Wick	1021.1	62	WSW	2	0	1019.8	-1	52	-1	NW	1	-	bc	1	-	66	47	0	0	0	0
Nairn	1013.9	54	S	2	bc	1010.9	-2	54	+1	SSE	3	-	omg	3	-	57	46	0	0	0	0
Leith	1014.8	60	WSW	1	0	1011.3	0	59	+10	WSW	2	-	bc	1	-	62	50	0	0	0	5.3
Tynemouth	1017.2	61	SW	1	bc	1015.7	0	53	-1	ENE	1	-	0	1	0.3	65	53	0	0	0	0
Spurn Head	1018.4	63	W	1	om	1017.9	0	48	-6	SW	1	-	0.4f	2	-	64	47	0	0	0	0
Yarmouth	1020.3	59	SE	1	m	1019.4	0	58	+3	SE	2	-	om	1	-	62	53	0	0	0	0
Clacton-on-Sea	1020.4	59	E	2	m	1019.8	0	58	+4	-	0	-	bc	1	-	65	52	0	0	0	2.0
Nottingham	1020.7	62	SSE	1	0	1020.3	0	59	+2	SSE	1	-	om	1	-	66	54	0	0	0	1.9
	1019.8	65	S	1	0	1019.0	-	55	+2	-	0	SW	om	4	-	68	53	0	0	0	1.8

SUMMARY OF CONDITIONS AT 7 h.G.M.T. 9. 9. 20.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Fair to dull, misty.	Poor	Smooth
2. E. England	Fair to dull, local mist	V. Poor	"
3. E. Midlands	Cloudy or dull, mist in North.	Indiff	"
4. W. Midlands	Dull.	Poor	"
5. S.W. England	Dull, local mist.	Good	Smooth
6. South Wales	Dull.	V. Good	V. Smooth
7. North Wales	Dull local mist.	Indiff	Slight
8. N.W. England	Dull misty.	V. Poor	Smooth
9. N. Midlands	Dull misty.	"	"
10. N.E. England	Dull mist or fog.	Bad.	Smooth
11. E. Scotland	Cloudy to overcast mist in places.	Indiff	Smooth
12. S.W. Scotland	Overcast local drizzle and mist.	Poor	Smooth
13. Isle of Man	Cloudy to dull. Misty.	Fair	V. Smooth
14. N. & N.W. Scotland	Dull. Rainy.	"	Smooth
15. Hebrides	Dull, drizzle.	Fair	"
16. Orkneys and Shetlands	Variable sky, fog.	Poor	Smooth
17. N.W. Ireland	Dull local mist or rain.	Indiff	Smooth
18. N.E. Ireland	Cloudy local mist.	Good	Smooth
19. S.E. Ireland	Dull.	Good	V. Smooth
20. S.W. Ireland	Fair to cloudy.	V. Good	Slight.

Temperature reported from Coastal and Cross Channel Steamers.

Position Number.	Date	Time G.M.T.	Sea ° F	Air ° F
12	8th	03.30	53	55
8	8th	04.33	60	60
5	8th	07.15	56	57
3	8th	09.15	56	57
10	8th	09.45	56	60
1	8th	11.30	60	62
6	8th	14.15	61	66
12	9th	03.35	54	56
4	9th	04.15	58	58

CHART OF POSITION NUMBERS and Upper Cloud.

Lower Cloud.

Isallobars.



Barometric change in half millibars: per 3 hours.

EXPLANATION.

BAROMETER.—Isobars are drawn at intervals of two millibars. Intervals of two millibars. **WIND.**—Direction is shown by the flying with the wind. Force, on the 0-12, is indicated by the number of feathers. Mean velocity is shown in per hour by figure in small circles. **TEMPERATURE.**—Temperature is given in degrees Celsius. **WEATHER SYMBOLS.**—sky + cloud. sky + rain. overcast sky. snow. fog. thunder. SEA DISTURBANCE.—rough. high.

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

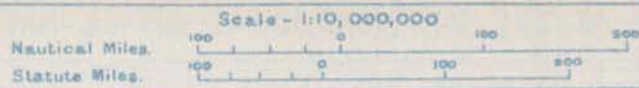
An anticyclone extending from the South-East of England eastward to the Continent is likely to maintain generally fair, dry weather for at least two days over the greater part of England, but depressions spreading over our most Western and Northern districts may cause some rain in their vicinity.

Further Outlook.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 9th Sept. 1920.
1. S.E. England	Wind light, rather variable; Mainly fair, but much cloud at times. Local mist or fog in early morning. Visibility generally fair. Temperature at normal or a little above it.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	Wind South or South-West, light, cloudy or overcast, fairer at times. Local mist or fog in early morning. Visibility mainly fair. Moderate temperature.
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	Wind South or South-West, light or moderate, cloudy or overcast, some local rain or showers, fairer intervals. Visibility mainly fair. Little change of 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	

Mainly fair for at least two days over the South-eastern part of England. Much cloud and local showers elsewhere.

SYNOPTIC CHART FOR MORNING OF THURSDAY, 9TH SEPTEMBER, 1920.



PLANATION.
Two millions.
ion is shown by
the wind. Force, on the
icated by the number
air velocity is shown by
figures in small circles.
E is given in degrees
SOLS.

sky i. clouds
sky i. rain
rain
skt. = mist.
Z thunderstorm

RANCE. Night storm

Further Outlook.

y fair for
ast two
over the
-eastern
of England
cloud and
showers
here.

All times are G.M.T.

Add one hour to get Summer Time.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)			
Dense fog	Objects not visible at	50 metres (or yards)	
Very Bad	"	300	" "
Bad	"	1,000	" "
Very Poor	"	2,000	" "
Poor	"	4,000	" "
Indifferent	"	7,000	" (2.5 miles)
Fair	"	12,000	" (7.5 "
Good	"	20,000	" (12.4 "
Very Good	"	20,000	" (12.4 "
Excellent	Objects visible beyond	20,000	"
	Exceptional visibility		

F.R.S., Director

AIR MINISTRY.

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

THURSDAY
9th SEPTEMBER 1920

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 8 TH																			
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 Set. 7 th -7 th			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-19h.	Day. 9h-17h.	to 17h.	Sunrise to Set. 7 th -7 th
Scotland.	Oban	op	o	59	52	3	0.3	0.0	1.3	England, N.W.	Douglas (I.O.M.)	*	*	63	50	-	-	1.0	0.5
	Banff	bc.c	bc.c	60	46	-	-	6.0	0.1		Blackpool	od	c.o	62	52	1	0.3	1.4	0.6
	Montrose	o	o.c	63	43	-	-	2.0	0.0		Southport	od.o	o.c.o	61	53	0.2	-	0.0	1.5
	St. Andrews	b	c	66	41	-	1.	3.2	0.5		MORCAMBE	*	*	59	53	1	-	1.0	0.6
England, N.E.	Harrogate	o	o.c	66	47	-	-	0.4	7.4	Midlands.	Buxton	bcv. bc	bcv. c	63	47	-	-	0.9	2.3
	Scarborough	bc	bc	66	53	-	-	1.8	0.0		Leamington Spa...	c. b	c. b	64	47	-	-	1.0	8.1
	Skegness	mbc.o	bcv.o	65	46	-	-	1.4	3.8		Malvern	gc	bc	68	53	-	-	0.8	3.4
	Lowestoft	o.c	c.bc.c	64	52	-	-	2.5	0.4		Bath	o	o	61	52	-	-	0.4	4.1
England, E.	Felixstowe	c	o	64	53	-	-	1.8	1.0	Wales.	Rhyl	c	c.bc	62	54	0.2	-	1.3	2.0
	Southend-on-Sea...	o	c.o	70	53	-	-	0.3	3.5		Colwyn Bay	o.o	c.o	64	55	-	-	2.0	1.8
											Llandudno	o.o	c.o	60	58	0.3	-	0.5	0.8
											Aberystwyth	c.o.o	c.bc	60	58	-	-	2.4	1.6
England, S.E.	Tunbridge Wells	a	o	66	52	-	-	0.2	5.1	England, S.W.	Tenby	c	c.bc	64	56	-	-	6.0	6.1
	Margate	a.c	b.bc	69	53	-	-	3.5	3.5		Swansea	*	*	70	54	-	-	4.5	5.3
	Ramsgate	*	*	67	51	-	-	2.8	2.1		Weymouth	c.bc	bc	73	58	-	-	1.3	4.6
	Folkestone										Teignmouth	bc.c.bc	b	70	64	-	-	0.8	0.1
	Hastings	c.o.c	c.bc.c	67	54	-	-	1.6	6.0		Torquay	gc.c.b	bc.c	66	56	0.4	-	2.5	0.8
	Eastbourne	o.c	bc.c	67	56	-	-	2.5	6.4		Paignton	o.c	c.bc	68	53	-	-	0.5	0.8
	Brighton	o	o.c	66	54	-	-	1.4	2.9		Penzance	o.c	c.o	65	57	-	-	3.2	0.8
	Worthing	c	bc	67	54	-	-	0.5	3.5		Newquay	om	o.c	65	57	2	-	3.9	1.4
	Littlehampton	bc	b	68	54	-	-	2.0	1.4		Bude	c	c	65	57	0.4	-	4.3	4.0
	Portsmouth (St. Peter's)	*	*	68	54	-	-	0.9	5.1		Ilfracombe	o.c	c.o.c	63	58	-	-		
	Bournemouth	*	*	63	55	-	-	0.0	5.9		Weston-s-Mare	o.c.bc	bc.b	67	58	-	-		
	Ventnor (I. of W.)	*	*	66	50	-	-	5.6	6.3										

SUMMARIES FOR PAST 24 HOURS.													
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUN.		BEAUFORT NOTATION.			
		7h-13h.	13h-19h.	19h-24h.	1h-7h.	7h-13h.	13h-19h.	19h-24h.	Hours.	THE BEAUFORT SCALE OF WIND FORCE.			
		7h-13h.	13h-19h.	19h-24h.	1h-7h.	7h-13h.	13h-19h.	19h-24h.	Hours.	Used only for surface observations.			
		7h-13h.	13h-19h.	19h-24h.	1h-7h.	7h-13h.	13h-19h.	19h-24h.	Hours.	Limits of Velocity at about 30 feet above ground.			
		7h-13h.	13h-19h.	19h-24h.	1h-7h.	7h-13h.	13h-19h.	19h-24h.	Hours.	No. Statute miles per hour. Metres per second.			
		7h-13h.	13h-19h.	19h-24h.	1h-7h.	7h-13h.	13h-19h.	19h-24h.	Hours.	Less than 1 Less than 0.8			
		7h-13h.	13h-19h.	19h-24h.	1h-7h.	7h-13h.	13h-19h.	19h-24h.	Hours.	1 1-3 0.8-1.5			
		7h-13h.	13h-19h.	19h-24h.	1h-7h.	7h-13h.	13h-19h.	19h-24h.	Hours.	2 4-7 1.6-3.3			
		7h-13h.	13h-19h.	19h-24h.	1h-7h.	7h-13h.	13h-19h.	19h-24h.	Hours.	3 8-12 3.4-6.4			
		7h-13h.	13h-19h.	19h-24h.	1h-7h.	7h-13h.	13h-19h.	19h-24h.	Hours.	4 15-18 6.5-7.9			
		7h-13h.	13h-19h.	19h-24h.	1h-7h.	7h-13h.	13h-19h.	19h-24h.	Hours.	5 19-24 8.0-10.7			
		7h-13h.	13h-19h.	19h-24h.	1h-7h.	7h-13h.	13h-19h.	19h-24h.	Hours.	6 25-31 10.8-13.8			
		7h-13h.	13h-19h.	19h-24h.	1h-7h.	7h-13h.	13h-19h.	19h-24h.	Hours.	7 32-38 13.9-17.1			
		7h-13h.	13h-19h.	19h-24h.	1h-7h.	7h-13h.	13h-19h.	19h-24h.	Hours.	8 39-46 16.2-20.4			
		7h-13h.	13h-19h.	19h-24h.	1h-7h.	7h-13h.	13h-19h.	19h-24h.	Hours.	9 47-54 18.5-23.4			
		7h-13h.	13h-19h.	19h-24h.	1h-7h.	7h-13h.	13h-19h.	19h-24h.	Hours.	10 55-63 20.8-25.4			
		7h-13h.	13h-19h.	19h-24h.	1h-7h.	7h-13h.	13h-19h.	19h-24h.	Hours.	11 64-76 22.9-28.3			
		7h-13h.	13h-19h.	19h-24h.	1h-7h.	7h-13h.	13h-19h.	19h-24h.	Hours.	12 Above 76 28.4 or above			
		7h-13h.	13h-19h.	19h-24h.	1h-7h.	7h-13h.	13h-19h.	19h-24h.	Hours.	SYMBOLS—			
		7h-13h.	13h-19h.	19h-24h.	1h-7h.	7h-13h.	13h-19h.	19h-24h.	Hours.	An aura Solar halo			
		7h-13h.	13h-19h.	19h-24h.	1h-7h.	7h-13h.	13h-19h.	19h-24h.	Hours.	Rime Lunar halo			
		7h-13h.	13h-19h.	19h-24h.	1h-7h.	7h-13h.	13h-19h.	19h-24h.	Hours.	Glazed frost Solar corona			
		7h-13h.	13h-19h.	19h-24h.	1h-7h.	7h-13h.	13h-19h.	19h-24h.	Hours.	Glazed roads Lunar corona			

LONDON OBSERVATIONS.													
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	
		Morning.	Afternoon.	Night.	Max. °F.	Min. °F.	Min. on Grass °F.	to Sunset.	Hours.	16 h. G.M.T.	9 h. G.M.T.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	
		7h-13h.	13h-19h.	19h-24h.	7h-13h.	13h-19h.	19h-24h.	7h-13h.	13h-19h.	7h-13h.	13h-19h.	Total 691 Joules.	
		7h-13h.	13h-19h.	19h-24h.	7h-13h.	13h-19h.	19h-24h.	7h-13h.	13h-19h.	7h-13h.	13h-19h.	Average Rate 146	
		7h-13h.	13h-19h.	19h-24h.	7h-13h.	13h-19h.	19h-24h.	7h-13h.	13h-19h.	7h-13h.	13h-19h.	Maximum Rate 69	
		7h-13h.	13h-19h.	19h-24h.	7h-13h.	13h-19h.	19h-24h.	7h-13h.	13h-19h.	7h-13h.	13h-19h.		
		7h-13h.	13h-19h.	19h-24h.	7h-13h.	13h-19h.	19h-24h.	7h-13h.	13h-19h.	7h-13h.	13h-19h.		
		7h-13h.	13h-19h.	19h-24h.	7h-13h.	13h-19h.	19h-24h.	7h-13h.	13h-19h.	7h-13h.	13h-19h.		
		7h-13h.	13h-19h.	19h-24h.	7h-13h.	13h-19h.	19h-24h.	7h-13h.	13h-19h.	7h-13h.	13h-19h.		
		7h-13h.	13h-19h.	19h-24h.	7h-13h.	13h-19h.	19h-24h.	7h-13h.	13h-19h.	7h-13h.	13h-19h.		
		7h-13h.	13h-19h.	19h-24h.	7h-13h.	13h-19h.	19h-24h.	7h-13h.	13h-19h.	7h-13h.	13h-19h.		
		7h-13h.	13h-19h.	19h-24h.	7h-13h.	13h-19h.	19h-24h.	7h-13h.	13h-19h.	7h-13h.	13h-19h.		
		7h-13h.	13h-19h.	19h-24h.	7h-13h.	13h-19h.	19h-24h.	7h-13h.	13h-19h.	7h-13h.	13h-19h.		

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

Exposure from 8.19 h. 45 m.
 to 2.4 h. 15 m.

Stars.	Duration of Exposure.		Duration of Record.		
	h.	m.	h.	m.	%
Polaris	8	30	3	40	43
8 Ursae	8	30	0	51	10
Minoris					

NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose to about 70° at many stations in the South of England and to 69° at Birr Castle, but the duration of sunshine was again slight in most parts of the Kingdom. In some parts of Ireland, however, and locally elsewhere the amount was fairly high.

Rain fell in the far North-West and West; 7 mm at Stormoway and 11 mm at Roches Point.

DON

0.

TEMPERATURE.

Max. Min.

°F. °F.

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AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 21477 FRIDAY, 10th SEPTEMBER, 1920.

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

Min. F.		Max. F.		STATIONS.		1H. G.M.T. 9 th												18H. G.M.T. OF 9 th																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
						BAROM. at M.S.L.		WIND.		TEMP.		HUMIDITY.		VISIBILITY.		HEIGHT of Low Cloud.		LOW CLOUD.		UPPER CLOUD.		SEA.		BAROM. at M.S.L.		WIND.		TEMP.		HUMIDITY.		VISIBILITY.		HEIGHT of Low Cloud.		LOW CLOUD.		UPPER CLOUD.		SEA.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
						mb.		Change in 3 hours.		Dir.		Force 0-12.		Weather.		°F.		°C.		0-9.		0-9.		Feet.		Form.		Amt. 0-10.		Form.		Amt. 0-10.		0-9.		mb.		Change in 3 hours.		Dir.		Force 0-12.		Weather.		°F.		°C.		0-9.		Feet.		Form.		Amt. 0-10.		Form.		Amt. 0-10.		0-9.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
36	66	3	66	Renfrew ...	1013.8	-2	SSW	3	02f	61	75	5	750	St	10	-	-	-	-	-	-	-	-	1012.0	-1	SSW	1	02f	58	92	5	1200	St	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.

STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.	
			Dirac.	Force 0-12.		at M.S.L. mb.	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 9 th						7h. G.M.T. of 10 th						24 HOURS ENDED 7h. 10 th						7 th				
Lewick	1009.9	53	-	0	0	1005.0	0	48	-5	NE	2	-	02f	1	14	57	43	0	0	0	0	0
Stornoway	1009.6	53	W	1	01m	1010.8	12	49	-6	W	3	-	bc	2	9	57	47	0	0	0	0	0
Castell Bay (Barra)	1010.5	55	W	4	bc	1015.4	14	54	-3	WNW	5	W	bc	4	3	56	48	0	0	0	0	0
Black Head	1011.3	55	W	3	c	1015.7	12	54	-4	W	4	SW	bc	5	4	58	50	c	0	0	0	0
Black Point	1016.5	55	WNW	3	bc	1020.5	13	53	-3	W	2	W	bc	2	3	59	48	0	0	0	0	0
Black Castle	1018.1	57	W	4	bc	1025.2	13	48	-11	NW	1	NW	bc	1	1	63	46	0	0	0	0	0
Donaghadee	1016.6	58	N	1	c	1023.5	14	45	-12	WSW	1	W	bc	1	4	63	44	0	0	0	0	0
Liverpool (Midland)	1013.1	55	WSW	2	01m	1018.7	14	46	-11	WSW	3	-	bc	2	8	63	44	0	0	0	0	0
Holyhead	1015.1	60	SW	2	c	1020.2	13	53	-3	WNW	5	NW	bc	4	1	65	52	0	0	0	0	0
Wembroke (Lancs)	1014.8	59	SW	4	02f	1021.2	13	54	-4	WNW	6	N	bc	4	1	62	51	0	0	0	0	0
Geilly (St. Mary's)	1017.6	59	WSW	2	c	1024.2	13	53	-4	NW	2	-	bc	3	1	61	51	0	0	0	0	0
Geilly (St. Mary's)	1019.1	60	W	1	c	1024.7	13	54	-4	N	2	N	bc	3	-	64	54	0	0	0	0	0
Portland Bill	1017.5	62	N	3	bc	1022.3	11	58	+3	NW	3	NW	c	2	-	69	52	0	0	0	0	0
Donaghadee	1018.0	63	W	2	bc	1022.3	16	58	-1	WNW	3	-	bc	2	-	66	55	0	0	0	0	0
Lewick	1016.6	62	NE	3	bc	1019.1	13	52	0	WNW	3	NW	bc	3	-	65	45	0	0	0	0	0
Stornoway	1008.9	52	NE	3	01m	1007.7	13	48	-6	WNW	1	-	cm	1	13	61	46	0	0	0	0	0
Castell Bay	1008.0	55	-	0	0	1010.8	12	48	-11	W	2	-	bc	2	8	64	46	0	0	0	0	0
Black Head	1010.7	61	SW	2	0	1014.1	11	49	-4	W	3	W	bc	2	6	63	47	0	0	0	0	0
Black Point	1014.3	63	WSW	2	0	1016.3	12	55	+7	W	3	-	bif	1	0.4	67	47	0	0	0	0	0
Black Castle	1015.8	62	S	2	03	1018.4	13	53	-5	WNW	6	-	bif	5	-	71	50	0	0	0	0	0
Donaghadee	1017.0	60	SSW	2	bc	1018.9	13	54	-4	NW	3	-	bif	1	-	70	53	0	0	0	0	0
Liverpool	1017.1	62	SE	1	bc	1019.1	15	54	-5	WNW	3	NW	bc	2	-	66	51	0	0	0	0	0
Stornoway	1015.7	63	S	1	c	1020.4	16	49	-6	SW	2	NW	bc	1	0.1	70	47	0	0	0	0	0

SUMMARY OF CONDITIONS AT 7 h.G.M.T. 9. 20.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Fair or fine.	Fair.	Smooth
2. E. England	Fair or fine local mist	"	"
3. E. Midlands	Fair or fine.	"	-
4. W. Midlands	Fair or fine.	Good	-
5. S.W. England	Fair or fine.	V.Good	Slight
6. South Wales	Fine.	"	"
7. North Wales	Fine squally	V.Good	Moder.
8. N.W. England	Fair or fine.	Good.	"
9. N. Midlands	Fair or fine.	"	-
10. N.E. England	Fine local squalls.	Good	Slight
11. E. Scotland	Fine or fair to cloudy	Good	Smooth
12. S.W. Scotland	Cloudy or overcast with slight local mist local rain	Good	Smooth
13. Isle of Man	Fine.	Good	Moder.
14. N.&N.W. Scotland	Fair to cloudy.	Good	Smooth
15. Hebrides	Fair to dull.	Good	Slight
16. Orkneys and Shetlands	Cloudy to dull local mist and rain.	Indiff	V Smooth
17. N.W. Ireland	Fair.	V.Good	Slight
18. N.E. Ireland	Fine to fair.	Good	"
19. S.E. Ireland	Fair.	V.Good	Smooth
20. S.W. Ireland	Fair.	V.Good	Smooth

Temperature reported from Coastal and Cross Channel Steamers

Position Number.	Date	Time G.M.T.	Sea ° F	Air ° F
5	9th	07-20	55	57
3	9th	09-15	54.5	58
7	10th	02-10	61	60
12	10th	03-20	53	50
8	10th	04-50	60	59
2	10th	01-15	54.5	54.5
4	10th	04-00	58	53

CHART OF POSITION NUMBERS and Upper Cloud



Isallobars.



Barometric change in half millibars. per 3 hours.

Lower Cloud.



GENERAL INFERENCE from observations received up to 9h. GMT.

An anticyclone which is spreading over the Kingdom from the South-westward will probably maintain fair weather for some days over the greater part of England and Southern Ireland, and is likely to cause improving weather conditions in Scotland and Northern Ireland.

EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of two millibars.
WIND.—Direction is shown by the arrow pointing in the direction the wind is blowing from. Force is indicated by the number of flags or pennants flying with the wind. Force, in gales, is indicated by the number of pennants flying with the wind. Force, in gales, is indicated by the number of pennants flying with the wind. Force, in gales, is indicated by the number of pennants flying with the wind.
TEMPERATURE.—Mean velocity is shown by the number of pennants flying with the wind. Force, in gales, is indicated by the number of pennants flying with the wind.
WEATHER SYMBOLS.—
 ☉ clear sky.
 ☁ sky 1/4 clouded.
 ☁ sky 1/2 clouded.
 ☁ sky 3/4 clouded.
 ☁ overcast sky.
 * snow.
 ☁ fog.
 T thunder.
SEA DISTURBANCE.—
 Rough.
 Breeze.
 High sea.
 Very high sea.
 Very rough sea.
 Very high sea.
 Very rough sea.
 Very high sea.
 Very rough sea.

Districts.

Forecasts for the 24 hours commencing 15h.G.M.T. Friday, 10th Sept. 1920.

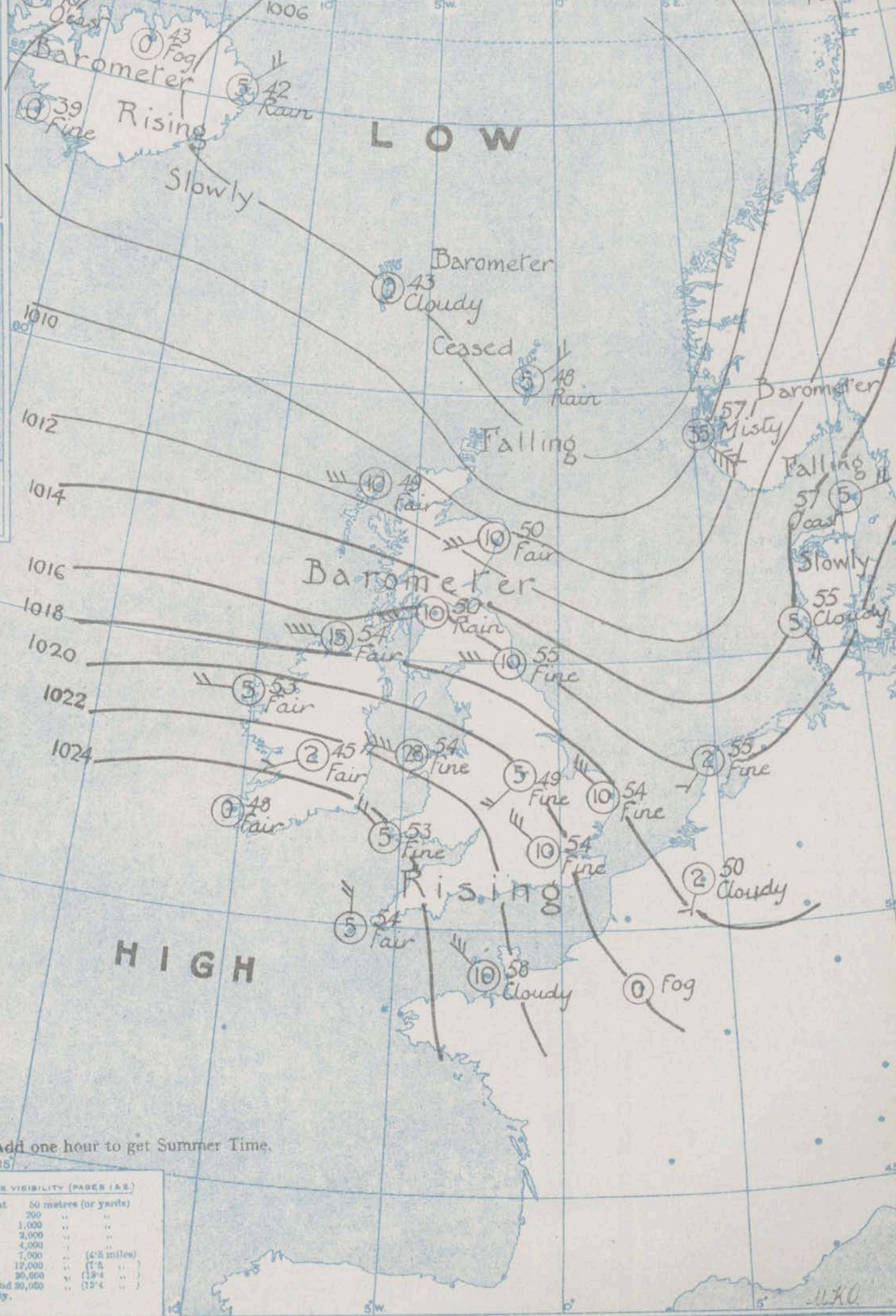
1. S.E. England
2. E. England
3. E. Midlands
4. W. Midlands
5. S.W. England
6. South Wales
7. North Wales
8. N.W. England
9. N. Midlands
10. N.E. England
11. E. Scotland
12. S.W. Scotland
13. Isle of Man
14. N.&N.W. Scotland
15. Hebrides
16. Orkneys and Shetlands
17. N.W. Ireland
18. N.E. Ireland
19.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

Wind mainly North-Westerly, moderate or light, fresh locally, fair or fine; Visibility mainly good. Day temperature moderate, night colder than of late.

Wind W or NW, moderate, fresh locally. Fair or cloudy generally, local showers not improbable. Moderate or rather low temperature. Visibility good.

Wind mainly W to SW, light, fair generally. Visibility good. Moderate temperature.

Mainly fair for some days in Southern districts and fairer than of late in North.



ly fair
some days
outhern
ricts and
er than of
in North.

All times are G.M.T. Add one hour to get S
 (5)

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)

	Objects not visible at	50 metres (or yards)	
1. Dense fog	..	200	.. ..
2. Very Bad	..	1,000	.. ..
3. Bad	..	2,000	.. ..
4. Very Poor	..	4,000	.. ..
5. Poor	..	7,000	.. .. (2.8 miles)
6. Indifferent	..	12,000	.. .. (7.5 ..)
7. Fair	..	30,000	.. .. (18.4 ..)
8. Good	..	50,000	.. .. (31.4 ..)
9. Very Good	..		
10. Excellent	..		

Objects visible beyond 50,000
 Exceptional visibility.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 254.

FRIDAY
16th SEPTEMBER 1920

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-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.
Scotland.									England, N.W.								
Oban ...	01	01	58	52	-	16	0.0	0.0	Douglas (I.O.M.)	01	01	61	51	-	0.8	0.8	0.8
Banff ...	bc.c	c.o	66	45	-	5.0	6.0	6.0	Blackpool ...	01	0.0	64	51	-	0.4	1.4	1.4
Montrose ...	0	0	65	46	-	0.8	2.0	2.0	Southport ...	0	0.c.0	65	50	-	0.2	0.0	0.0
St. Andrews ...	0	0	64	45	-	0.7	3.2	3.2	Morcambe	01	01	64	55	-	0.1	1.0	1.0
England, E.									Midlands								
Harrogate ...	0	0.c.0	66	51	-	0.5	1.7	1.7	Buxton ...	bc.c	bc.c	66	54	-	3.4	0.6	0.6
Scarborough ...	0	0	72	56	-	1.0	1.8	1.8	Leamington Spa...	c.0	c.0	69	53	-	4.3	0.9	0.9
Skegness ...	a.bc	a.bc.c.0	70	56	-	4.0	1.4	1.4	Malvern ...								
Lowestoft ...	c.bc.0	0	68	52	-	8.4	2.5	2.5	Bath ...	bc.c	bc.c	70	54	-	5.0	0.4	0.4
Felixstowe ...	0	0	66	55	-	5.0	1.8	1.8	Rhyl ...	c	c	63	50	-	0.0	1.0	1.0
Southend-on-Sea...	0.c.0	bc.0	70	52	-	7.7	0.3	0.3	Colwyn Bay ...	c	c	63	52	-	0.2	1.3	1.3
England, S.E.									Llandudno ...			64	49	-	0.0	2.0	2.0
Tunbridge Wells	0	0	69	45	-	7.2	0.2	0.2	Aberystwyth ...	0.c.0	c.c.0	63	58	-	0.0	0.5	0.5
Margate ...	bc.0	0	66	56	-	8.9	2.5	2.5	Tenby ...	c.0	0	63	53	-	2.4	2.4	2.4
Ramsgate ...	0	0	65	53	-	8.5	2.8	2.8	Swansea ...	0	0	66	57	-	5.5	6.7	6.7
Folkestone ...	0	bc.0	70	54	-	7.3	1.0	1.0	Weymouth ...	0.c.0	bc.0	71	50	-	0.1	1.5	1.5
Hastings ...	c.bc.0	0	68	53	-	9.5	1.6	1.6	Teignmouth ...								
Eastbourne ...	c.bc.0	0	66	50	-	9.3	2.5	2.5	Torquay ...	W.c	0	64	55	-	0.0	0.9	0.9
Brighton ...	0	0	66	49	-	7.9	1.7	1.7	Paignton ...	W.c	0	65	55	-	0.9	3.5	3.5
Worthing ...	bc.0	0	64	48	-	6.8	3.6	3.6	Penzance ...	0.c.0	c.bc	65	53	-	0.1	1.0	1.0
Littlehampton ...	0.c.0	bc.0	69	54	-	6.4	2.6	2.6	Newquay ...	0	0.c.0	62	53	-	2.0	3.2	3.2
Portsmouth (S. Is.)	0	0	66	50	-	7.2	1.0	1.0	Bude ...	0	0	66	54	-	0.0	3.9	3.9
Bournemouth ...	0	0	68	47	-	7.5	0.0	0.0	Ilfracombe ...	0	0	64	55	-	5.0	4.5	4.5
Ventnor (I. of W.)	0	0	68	50	-	7.7	5.6	5.6	Weston-s-Mare ...	bc.0	bc.0	68	55	-			

STATIONS.	SUMMARIES FOR PART 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 WIND FORCE. Used only for surface observations. Limits of Velocity at about 30 feet above ground. No. Statute miles per hour. Metres per second. 0 Less than 1 0.8-1.3 1 1-3 1.3-1.9 2 4-7 1.9-2.4 3 8-12 2.4-2.9 4 13-18 2.9-3.4 5 19-24 3.4-4.0 6 25-31 4.0-4.7 7 32-38 4.7-5.4 8 39-46 5.4-6.2 9 47-54 6.2-7.0 10 55-63 7.0-8.0 11 64-73 8.0-9.0 12 Above 73 9.0 or above
	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Mjo. on Grass °F.	RAINFALL.		Sun. Hours.		
	7h-12h.	12h-18h.	18h-24h.	1h-7h.				Day. 7h-18h.	Night. 18h-7h.			
Renfrew ...	02f.0	02f.0	02f.rr	bc.0	62	47	41	min. 3	12	0.0	c generally cloudy (three quarters covered).	
Eskdalemuir ...	02f.0	01f.0	01f.crr	bc.c	57	45	39	0.1	7	0.0	d drizzle, or fine rain.	
Valencia (Cahora) ...	02f.rr	01f.0	01f.crr	b.c	60	47	43	8	7	5.6	e wet air without rain falling.	
Baldonnel ...	01f.0	01f.0	01f.crr	b.c	63	43	38	7	Trace	0.5	f fog. g gloom.	
MANCHESTER (Alder) ...	02f.0	02f.0	02f.crr	b.c	69	40	35	0.3	8	0.0	h hail. i lightning.	
Koss on Wye ...	02f.c.0	02f.c.0	02f.c.0	b.c	68	47	35	-	51	5.1	m mist. o overcast sky.	
Falmouth ...	02f.0	02f.0	02f.crr	b.c	66	50	43	Trace	0.7	0.7	p passing showers.	
Calshot (Hants) ...	02f.c.0	02f.c.0	02f.c.0	b.c	67	51	45	-	6.8	6.8	q squalls. r rain.	
Lympne (Folkestone) ...	02f.c.0	02f.c.0	02f.c.0	b.c	65	48	38	Trace	3.5	3.5	rs sleet, i.e., rain and snow together.	
Aberdeen ...	02f.0	02f.0	02f.crr	b.c	61	47	42	-	5	0.7	s snow. t thunder.	
Howden ...	02f.0	02f.0	02f.crr	b.c	69	49	42	-	2.2	2.2	u ugly, threatening sky.	
Cranwell (Lincs) ...	02f.c.0	02f.c.0	02f.c.0	b.c	70	48	42	-	2.2	2.2	v unusual visibility.	
Felixstowe ...	02f.c.0	02f.c.0	02f.c.0	b.c	65	51	45	-	8.7	8.7	w dew. x hoar frost.	
Shoeburyness ...	02f.c.0	02f.c.0	02f.c.0	b.c	68	51	38	-	8.7	8.7	y dry air; humidity less than 60 per cent.	
Benson ...	02f.c.0	02f.c.0	02f.c.0	b.c	70	52	42	-	4.8	4.8	z dust haze; the turbid atmosphere of dry weather.	
S. Farnborough ...	02f.c.0	02f.c.0	02f.c.0	b.c	70	52	42	-	4.8	4.8	Capital letters indicate intensity, and repetition of letters continuity, thus—	
London (Kew Obs.) ...	02f.c.0	02f.c.0	02f.c.0	b.c	70	52	42	-	4.8	4.8	R = heavy rain.	
Croydon ...	02f.c.0	02f.c.0	02f.c.0	b.c	70	53	42	-	4.8	4.8	rr = continuous moderate rain.	

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp.		Min. Temp.		Min. on Grass.		Rain-fall. min.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.				
	Morning.	Afternoon.	Night.	° F.	° F.	° F.	10 h. G.M.T.	9 h. G.M.T.											
24 HOURS ENDING 9h G.M.T. 10 th													YESTERDAY. To-day.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.		10 th and 11 th Sept. 1888.		
Greenwich (Royal Observatory)	b.c.b	b.c.0	b.c.b	73	52	42	-	17	53	64	Total 100.8 Joules.		Yarmouth...		Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.		
City (Bunhill Row)	0	0	0	72	53	43	-	6.5	53	61	Milliwatts.		Greenwich...		5.19	11.50	6.21		
Westminster (St. James's Park)	0	0	0	72	53	43	-	6.5	53	61	Average Rate. 21.5		Wick...		5.22	11.57	6.24		
Camden Sq. (British Rainfall)	b	b.b.c.c	0	73	52	47	-	6.5	53	61	Maximum Rate. 48		Valencia...		5.28	12.9	6.46		
Kensington Palace	b.c.b.c	b.c.b	0	72	51	45	-	73 (18h)	68	66					5.35	12.35	7.0		
Hampstead Observatory	0	0	0	68	50	4	-	4.2	0	66					6.8				

Photographic Record of				NOTES ON THE WEATHER OF YESTERDAY.			
Pole Star (Polaris) and of 8 Ursae				Maximum temperature readings of about 70° were common over the Southern half of England as well as on the coast of Yorkshire. Bright sunshine records were again small over a considerable portion of the Kingdom, but fairly high in the South and East; at Jersey the value was 11 hours. Rain fell in the West and North, the quantity being slight to moderate generally, but 14 mm at Lerwick and 19mm at Wick.			
Exposure from 9h. 19h. 45m. to 10h. 4h. 15m.							
Star.	Duration of Exposure.	Duration of Record.	%				
Polaris	9.30	5.31	65				
8 Ursae	9.30	4.44	56				
Minoris							

LONDON:

20.

TEMPERATURE

Max. Min.

°F. °F.

79 66

81 61

81 68

86 61

84 66

86 67

84 70

84 72

92 73

90 66

90 73

Weather.

Sea.

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AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.2.4.78 SATURDAY... 11TH SEPTEMBER 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 10, 7H, 15H AND 18H.

STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	Humidity. %	Visibility 0-10. Feet.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		TEMP. °F.	Humidity. %	Visibility 0-10. Feet.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea			
			Dirac.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dirac.	Force 0-12.					Form.	Amt. 0-10.	Form.	Amt. 0-10.				
			10 TH																											
Renfrew ...	1019.4	+14	SW	5	bc	59	68	7	2,000	cu	6	-	-	-	1022.3	+14	WSW	2	o	74	75	7	2,000	sc	8	AS	1	x		
Eskdalemuir ...	1019.8	+14	WNW	5	bc	55	75	7	2,000	cu	6	-	-	-	1023.1	+12	W	3	o	71	75	8	-	cu	1	AS	8	x		
Valencia (Cahire'n)	1026.4	+2	WNW	4	c	60	65	8	3,000	cu	5	A	cu	2	3	1023.5	-1	S	4	c	57	75	8	4,200	sc	5	A	cu	3	3
Baldonnell ...	1025.2	+1	WSW	4	o	60	65	7	3,000	sc	4	A	sc	6	*	1023.7	+1	WSW	2	bc	57	75	8	4,200	sc	3	cu	1	*	
MANCHESTER (ALLEN)	1024.2	+14	WNW	6	bc	64	55	7	5,700	cu	5	-	-	-	*	1025.6	+1	W	3	bc	56	65	5	2,000	cu	2	A	cu	4	*
Ross on Wye ...	1025.0	+2	WNW	4	ov	64	55	9	4,200	cu	2	cu	sc	6	*	1027.0	+2	WNW	2	ov	57	65	9	-	-	cu	2	*	*	
Falmouth ...	1027.3	+2	N	3	cy	63	55	8	-	sc	1	cu	sc	7	*	1027.9	+1	WNW	1	o	57	65	8	-	-	cu	2	*	*	
Calshot (Hants) ...	1025.3	+5	WNW	3	bc	64	55	8	-	-	-	cu	4	1	1026.8	+1	WNW	2	o	61	55	8	-	-	cu	7	*	*		
Lymington (Folkestone)	1024.1	+5	WNW	4	bc	63	55	8	-	-	-	cu	5	*	1026.4	+3	SE	1	o	55	75	8	4,200	sc	1	cu	8	*	*	
Aberdeen ...	1015.0	+5	WNW	4	bc	57	45	8	4,200	cu	4	-	-	-	3	1018.4	+4	W	3	o	56	75	8	4,200	cu	1	-	-	3	*
Howden ...	1022.2	+5	WNW	5	cy	63	45	8	4,200	cu	5	cu	cu	2	*	1024.8	+4	W	2	bc	57	75	7	4,200	cu	1	cu	6	*	*
Cranwell (Lincs) ...	1023.0	+2	WNW	5	bc	62	55	7	4,200	cu	5	cu	cu	1	*	1023.5	+4	WNW	3	bc	57	65	7	-	-	cu	6	*	*	
Felixstowe ...	1023.8	+4	NW	4	o	65	45	8	4,200	cu	1	cu	cu	1	*	1026.2	+3	SW	2	c	60	65	7	2,000	sc	1	AS	6	*	*
Shoeburyness ...	1023.6	+3	WNW	3	bc	65	55	7	-	-	-	cu	2	*	1026.2	+6	-	o	57	65	6	-	-	-	cu	3	*	*		
Benson ...	1024.8	+3	NW	2	bc	64	55	9	-	cu	3	cu	cu	2	*	1026.4	+2	-	o	57	65	8	-	-	-	-	-	-	*	*
S. Farnborough ...	1025.3	+3	WNW	2	bc	66	55	8	-	-	-	cu	5	*	1026.8	+2	-	o	58	75	7	-	-	-	AS	4	*	*	*	
London (Kew Obs.)	1024.4	+3	NW	3	bc	62	55	8	5,700	sc	1	cu	sc	1	*	1026.4	+2	WNW	1	bc	61	55	8	-	-	-	cu	8	*	*
Croydon ...	1025.1	+2	WNW	2	bc	62	55	8	-	-	-	cu	5	*	1026.8	+2	WNW	1	o	60	65	8	-	-	-	cu	9	*	*	
11 TH																														
Renfrew ...	1024.9	+1	S	1	o	47	92	7	-	cu	1	AS	9	*	1021.8	-1	SSE	1	o	51	92	5	1,750	sc	10	-	-	-	*	*
Eskdalemuir ...	1022.9	-2	S	3	bc	57	75	7	-	-	-	-	-	2	1023.2	-1	SSW	4	o	51	92	6	2,000	sc	4	AS	6	*	*	
Valencia (Cahire'n)	1025.7	+1	E	2	o	52	95	5	3,000	sc	9	-	-	*	1024.1	-1	E	5	o	58	85	8	2,000	sc	6	AS	4	*	*	
Baldonnell ...	1025.7	+1	E	2	o	52	95	5	3,000	sc	9	-	-	*	1023.7	-1	SSW	2	o	53	92	7	3,000	sc	10	-	-	-	*	*
MANCHESTER (ALLEN)	1024.2	+14	WNW	6	bc	64	55	7	5,700	cu	5	-	-	*	1025.6	-2	S	1	o	49	92	3	4,200	sc	5	cu	4	*	*	
Ross on Wye ...	1025.0	+2	WNW	4	bc	64	55	9	4,200	cu	2	-	-	*	1027.0	-1	WSW	1	om	43	97	7	-	-	-	cu	9	*	*	
Falmouth ...	1027.3	+2	N	3	cy	63	55	8	-	-	-	cu	5	*	1027.9	0	-	o	57	65	8	-	-	-	cu	2	*	*		
Calshot (Hants) ...	1025.3	+5	WNW	3	bc	64	55	8	-	-	-	cu	1	1	1026.8	-2	E	1	bc	57	65	8	-	-	-	cu	1	1	*	*
Lymington (Folkestone)	1024.1	+5	WNW	4	bc	63	55	8	-	-	-	cu	2	*	1026.4	0	SSE	2	o	55	92	5	1,250	sc	6	cu	3	*	*	
Aberdeen ...	1015.0	+5	WNW	4	bc	57	45	8	4,200	cu	4	-	-	*	1018.4	0	SW	1	o	51	92	3	2,000	sc	10	-	-	-	2	*
Howden ...	1022.2	+5	WNW	5	cy	63	45	8	4,200	cu	5	-	-	*	1024.8	-1	-	o	42	97	4	1,250	sc	9	AS	2	*	*		
Cranwell (Lincs) ...	1023.0	+2	WNW	5	bc	62	55	7	4,200	cu	5	-	-	*	1023.5	-1	SSW	1	o	50	92	5	2,000	sc	10	-	-	-	*	*
Felixstowe ...	1023.8	+4	NW	4	o	65	45	8	4,200	cu	1	-	-	*	1026.2	+2	NW	1	o	49	97	4	5,700	sc	8	-	-	-	1	*
Shoeburyness ...	1023.6	+3	WNW	3	bc	65	55	7	-	-	-	cu	2	*	1026.2	+6	-	o	57	65	6	-	-	-	cu	3	*	*		
Benson ...	1024.8	+3	NW	2	bc	64	55	9	-	cu	3	cu	cu	2	*	1026.4	+2	-	o	57	65	8	-	-	-	cu	4	2	*	*
S. Farnborough ...	1025.3	+3	WNW	2	bc	66	55	8	-	-	-	cu	5	*	1026.8	0	-	o	58	75	7	-	-	-	AS	6	*	*		
London (Kew Obs.)	1024.4	+3	NW	3	bc	62	55	8	5,700	sc	1	cu	sc	1	*	1026.4	+2	WNW	1	bc	61	55	8	-	-	-	cu	3	*	*
Croydon ...	1025.1	+2	WNW	2	bc	62	55	8	-	-	-	cu	5	*	1026.8	+2	WNW	1	o	60	65	8	-	-	-	cu	9	*	*	
STATIONS CONTRIBUTING REPORTS AT 7H. AND 15H.																														
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		WEATHER.	BAROMETER. at M.S.L. mb.	TEMPERATURE.		WIND.		Dirac. of Upper Cloud.	Weather.	Sea	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.										
			Dirac.	Force 0-12.			Temp. °F.	Change in 24 hours.	Dirac.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.											
			10 TH																											
Lerwick ...	1011.1	52	W	4	bc	1017.5	+1	50	+2	-	0	-	bc	0	4	58	40	omr	bc	bc	4									
Stornoway ...	1018.0	54	W	3	bc	1015.9	0	53	+4	S	5	-	orm	4	4	57	49	bc	bc	orm	8.2									
Castlebay (Barra) ...	1010.5	55	W	4	o	1016.6	-3	54	0	S	5	-	or	5	2	57	53	bc	bc	or	8.2									
Malin Head ...	1024.4	56	WSW	3	bc	1017.8	-1	51	-3	S	3	-	omd	3	1	57	51	bc	bc	omd	5.3									
Blackod Point ...	1021.7	58	S	4	c	1016.2	-5	57	+4	SSW	5	-	omr	5	5	60	52	bc	bc	omr	5.3									
Roche's Point ...	1026.9	58	SW	3	o	1023.9	-2	58	+10	SW	4	-	o	4	-	61	48	o.c	o.c	o	5.2									
Birr Castle ...	1025.2	59	SW	1	o	1022.5	0	54	+9	SE	2	-	o	2	-	62	44	o.c	o.c	o	5.2									
Donaghadee ...	1023.3	59	WSW	2	bc	1021.3	-2	54	+8	WSW	1	-	om	1	-	62	46	bc	bc	bc	5.2									
Liverpool (Bidston) ...	1026.1	59	W	3	bc	1025.5	-1	50	-3	SSE	2	-	SW	0	2	59	49	bc	bc	bc	10.7									
Holyhead ...	1025.7	57	WSW	4	bc	1024.6	-1	56	+2	SSW	4	-	og	3	-	60	53	bc	bc	bc	9.3									
Pembroke (St. Mary's) ...	1028.0	56	W	1	bc	1025.8	-1	57	+4	S	3	-	cv	2	-	59	53	bc	bc	bc	8.4									
Seilly (St. Mary's) ...	1027.9	59	-	0	bc	1026.4	-1	55	+1	S	2	-	bc	2	-	63	53	bc	bc	bc	10.4									
Jersey (St. Aubin) ...	1027.0	59	N	2	bc	1027.1	0	57	-1	E	3	-	b	3	-	65	48	bc	bc	bc	10.5									
Portland Bill ...	1026.1	61	WNW	3	bc	1028.0	0	60	+2	SSE	2	-	bc	2	-	65	53	bc	bc	bc	10.5									
Dungeness ...	1025.5	62	WSW	1	bc	1027.9	0	58	+6	SW	3	-	bc	3	-	68	40	bc	bc	bc	10.5									
Wick ...	1016.1	52	WNW	1	bc	1018.4	0	52	+4	SSW	2	-	r	2	14	56	43	bc	bc	bc	9.1									
Nairn ...	1017.8	54	W	2	bc	1018.6	0	51	+3	W	1	-	ad	1	2	58	45	bc	bc	bc	9.1									
Leith ...	1021.7	54	WNW	2	b	1021.7	0	53	+4	SW	1	-	r	1	0.3	61	49	bc	bc	bc	9.1									
Fynmouth ...	1021.8	54	WSW	2	bc	1023.2	+1	54	-1	SW	2	-	om	2	-	62	50	bc	bc	bc	9.1									
Spurn Head ...	1023.9	59	WNW	4	c	1026.5	0	53	0	S	3	-	o	2	-	61	50	bc	bc	bc	10.3									
Yarmouth ...	1024.2	59	NW	2	bc	1027.6	+1	57	-7	WNW	2	-	om	0	-	66	46	bc	bc	bc	10.3									
Clacton-on-Sea ...	1025.8	60	WNW	3	c	1028.6	+1	50	-4	N	2	-	bc	1	-	65	47	bc	bc	bc	10.3									
Nottingham ...	1026.0	58	WNW	2	b	1027.1	0	47	-2	SW	1	-	om	4	-	64	43	bc	bc	bc	10.3									

SUMMARY OF CONDITIONS AT 7 h. G.M.T. 11. 9.1920.

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

Temperature reported from Coastal and Cross Channel Steamers.

Position Number.	Date	Time G.M.T.	Sea ° F	Air ° F
5	10 th	0735	55	53
3	10 th	0915	57	59
6	10 th	1430	61	63
2	11 th	0055	56	56
7	11 th	0310	61	59
4A	11 th	0325	58	56
12	11 th	0330	53	54

CHART OF POSITION NUMBERS and Upper Cloud



Isallobars.



Barometric change in half millibars. per 3 hours.

Lower Cloud.



EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of two millibars.
WIND.—Direction is shown by the arrow, force, on the number, by the number of feathers. Mean velocity is shown in small circles per hour by figures in small circles.
TEMPERATURE SYMBOLS.
 clear sky. ☉ sky & clouded. ☁ sky & rain falling. ☔ overcast sky. ☄ snow. ❄ sleet. ⚡ rain. ⚡ fog. ☁ mist. ⚡ thunder. ⚡ thunderstorm. ⚡
SEA DISTURBANCE.—High. ⚡ Rough. ⚡
 Further Outlook.

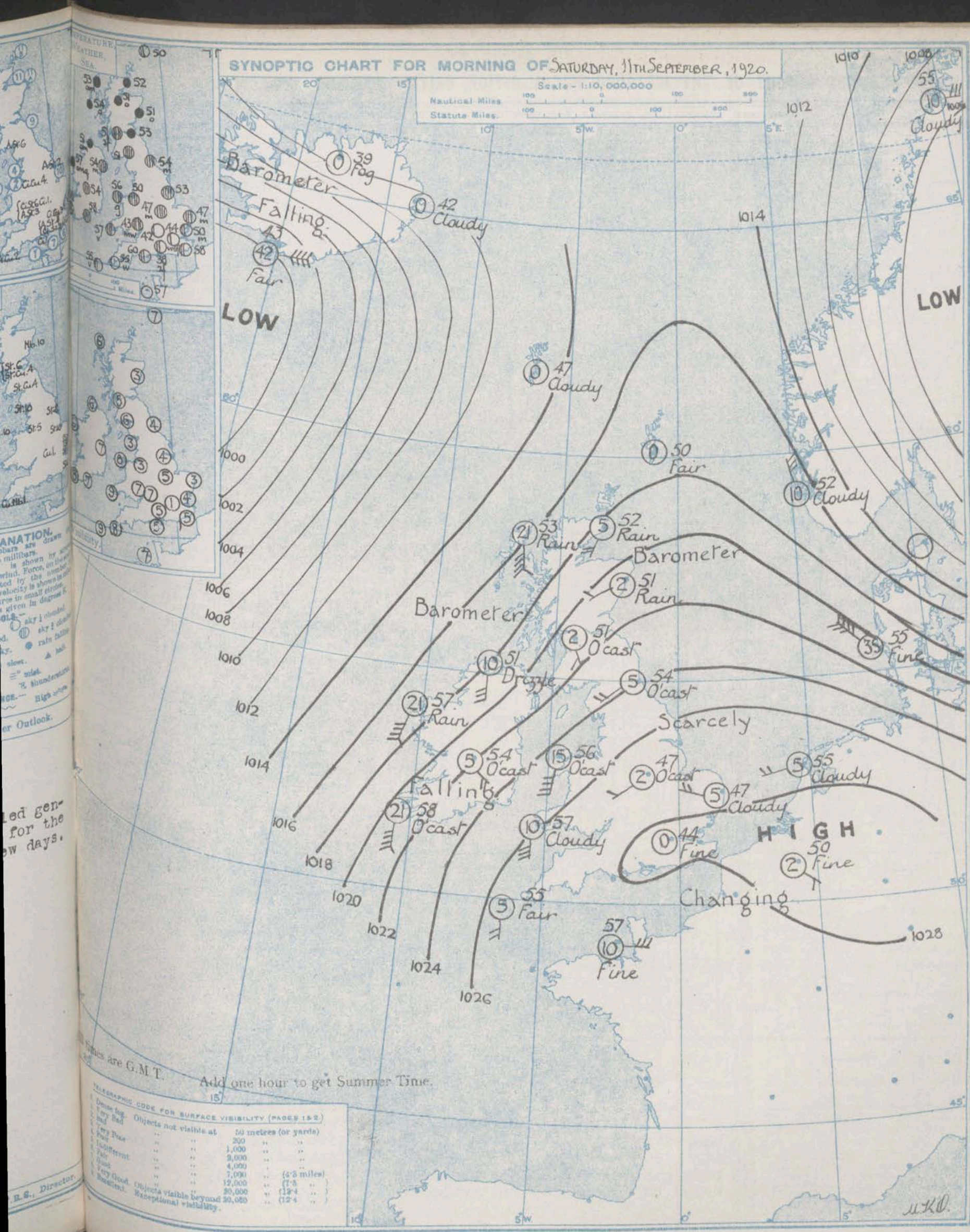
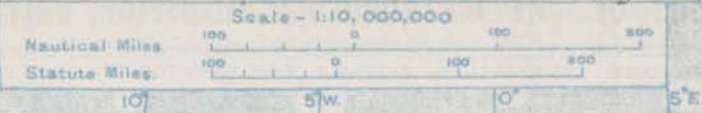
GENERAL INFERENCE from observations received up to 9h. GMT.

The anticyclone over Belgium and South-East England will move away Eastwards. The weather will probably remain fair to fine for another 24 hours in the South of England, but elsewhere it will be cloudy with occasional rain.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday 11th Sept. 1920.
1. S.E. England	Light to moderate SW wind; fair or fine, but cloudier on Sunday; visibility good; moderate temperature.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Moderate to fresh SW wind, strong at times on the coast; Cloudy, occasional rain; visibility indifferent to fair; moderate temperature.
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	
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 generally for the next few days.

SYNOPTIC CHART FOR MORNING OF SATURDAY, 11th SEPTEMBER, 1920.



ANATION.
Objects are drawn
in shown by an
wind. Force, in the
by the number
velocity is shown in
from in small circles
given in degrees &
015
sky 1 cloud
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sky 3 cloud
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sky 96 cloud
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sky 99 cloud
sky 100 cloud

led gen-
for the
ew days.

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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)

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

Objects visible beyond 50,000 (12.4 miles)

R.S. Director

U.K.D.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 252.

SATURDAY
17th SEPTEMBER 1920

WEATHER, TEMPERATURE RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 1920

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.			
	Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-19h. 9 th -10 th	Day. 10h-17h. 10 th	Sunrise to Sun- set 10 th	Night. 17h-19h. 9 th -10 th		Day. 10h-17h. 10 th	Sunrise to Sun- set 10 th	Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-19h. 9 th -10 th	Day. 10h-17h. 10 th	Sunrise to Sun- set 10 th	
Scotland.	Oban	Op. c. bc	Dec. b	57	47	5	-	7.1	0.0	England, N.W.	Douglas (I.O.M.)	*	*	60	48	8	-	10.8	0.8
	Banff	bc. c	p. bc	58	47	4	0.4	9.4	3.0		Blackpool	bc	c	62	52	2	-	10.0	0.2
	Montrose	bc	bc	64	46	3	0.2	10.1	0.8		Southport	c. bc. bc	b. bc. b	60	52	2	-	10.8	0.1
	St. Andrews	b	b	63	45	6	-	10.7	0.4		MORECAMBE	*	*	61	51	1	-	8.4	5.4
England, N.E.	Harrogate	b	b	60	46	0.1	-	11.0	0.5	Midlands.	Buxton	c. c. b	b. bc. b	58	46	1.2	-	7.3	5.0
	Scarborough	b	b	68	49	-	-	10.8	1.0		Leamington Spa...	b. bc	bc. c. b	62	45	-	-	6.7	5.2
	Skegness	bc	bc	65	48	-	-	9.1	4.0		Malvern	b. bc	bc. b	62	49	-	-	9.5	0.0
England, E.	Lowestoft	bc. b. bc	b. bc	64	53	-	-	10.0	8.4	Wales.	Bath	b	b. bc. c	63	48	-	-	9.5	0.0
	Felixstowe	bc	bc. m	66	54	-	-	8.6	5.4		Rhyl	bc. b	b	62	52	1	-	9.0	0.0
	Southend-on-Sea...	b	b. bc	68	49	-	-	7.4	8.1		Colwyn Bay	*	*	60	53	2	-	9.5	0.2
England, S.E.	Tunbridge Wells	b	b. bc	67	48	-	-	7.6	7.4		Llandudno	c. b. b	b. b	60	51	3	-	8.0	0.0
	Margate	b	b. bc. c	64	44	-	-	6.9	8.8		Aberystwyth	bc. b	bc. c	60	54	1	-	7.9	0.0
	Ramsgate	*	*	60	50	-	-	7.2	8.6		Tenby	b	b	61	47	1	-	6.9	3.4
	Folkestone	b	bc. bc	68	54	-	-	7.6	7.3		Swansea	*	*	44	47	1	-	8.4	3.5
	Hastings	c. bc	b. bc. c	67	53	-	-	8.9	10.0	England, S.W.	Weymouth	b	b. bc	70	50	-	-	10.2	1
	Eastbourne	bc	bc. c	67	53	-	-	9.1	9.7		Teignmouth	b	b	67	51	-	-	9.8	0.1
	Brighton	c. bc. b	b. bc. c	68	51	-	-	8.1	8.0		Torquay	b	b	66	51	-	-	9.8	0.0
	Worthing	b	bc	68	49	-	-	8.8	7.8		Paignton	bc	b	68	47	-	-	10.5	0.4
	Littlehampton	b	bc. m	70	56	-	-	8.6	7.1		Penzance	b. bc	bc. b	65	51	-	-	9.7	0.3
	Portsmouth (S. thea)	*	*	65	53	-	-	8.4	7.6		Newquay	bc	bc	60	53	-	-	4.0	2.0
	Bournemouth	*	*	66	54	-	-	8.0	7.6		Bude	bc. b	b	61	54	1	-	8.2	0.1
	Ventnor (I. of W.)	*	*	68	52	-	-	9.4	7.4		Ilfracombe	c. bc. c	c. bc. b	66	55	-	-	9.0	5.2
											Weston-s-Mare	bc. b	bc. b	63	53	-	-		

SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	7h-13h/24h.	13h-18h/24h.	Max. °F.	Min. °F.	Night. 17h-18h. 9h-10h.	Day. 10h-17h. 10h-17h.	Sunrise to Sunset 10h-17h.	Sunset to Sunrise 10h-17h.
Renfrew ...	bc. c. bc	bc. c. bc	60	48	47	1	9.4	
Eskdalemuir ...	bc. c	bc. c. bc	59	46	43	0.4	9.2	
Valencia (Cahire'm)	bc. c. bc	c. o. c. o	61	48	52	-	1.1	
Baldonnel ...	bc. c. bc	bc. c	61	46	-	-	9.3	
MANCHESTER ... (Alderley)	bc. c	bc. c	62	44	36	-	8	
Ross on Wye ...	bc. c. bc	c. o. bc. c	65	40	34	-	10.4	
Falmouth ...	b. bc. c. a	b. bc	64	46	36	-	11.2	
Calshot (Hants) ...	b. bc. c	c. o. v	44	46	-	-	9.5	
Lynnhope (Folkestone)	bc. c. bc	bc. c. bc	64	48	33	-	8.0	
Aberdeen ...	b. bc. c	p. b. bc	60	45	34	0.3	10.1	
Howden ...	p. b. bc	q	63	40	37	-	10.8	
Cranwell (Lincs) ...	b. bc. c	b. bc. bc	64	45	-	-	10.3	
Felixstowe ...	b. bc. c	bc. c	64	44	-	-	-	
Shoeburyness ...	b. bc. c	b. bc. bc	67	39	28	-	7.9	
Benson ...	b. bc	b. bc	63	37	32	-	-	
S. Farnborough ...	b. bc	bc. c	66	35	32	-	10.1	
London (Kew Obs.)	b. bc	bc. c	63	41	34	-	9.5	
Croydon ...	b. bc. c	bc. c	65	42	8	-	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.
n overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, i.e., rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

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

THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity at about 10 feet above ground.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.8
1	1-3	0.8-1.3
2	4-7	1.3-2.0
3	8-12	2.0-2.8
4	13-18	2.8-3.7
5	19-24	3.7-4.5
6	25-31	4.5-5.4
7	32-38	5.4-6.3
8	39-46	6.3-7.2
9	47-54	7.2-8.1
10	55-63	8.1-9.0
11	64-73	9.0-10.0
12	Above 73	10.0 or above

SYMBOLS.

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

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.									
	Morning.	Afternoon.	Night.						15h. G.M.T.	9h. G.M.T.											
24 HOURS ENDED 9h G.M.T. 14 TH									YESTERDAY.	TO-DAY.	11 TH 12 TH SEPTEMBER 1920										
Greenwich (Royal Observatory)	b	bc. o bc	b	67	40	34	-	7.9	52	67	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.						
City (Bunhill Row)	"	"	"	"	"	"	"	7.0	"	"											
Westminster (St. James's Park)	"	"	b.	67	44	36	-	8.1	49	61.											
Camden Sq. (British Rainfall)	b bc	c	"	68	44	38	-	"	47	71	Total 1600..... Joules.	Yarmouth...	{	5.22	11.50	6.15					
Kensington Palace	bc. b	bc. c	"	66	42	35	-	"	59 (18h)	63	Milli-watts.						Greenwich	{	5.23	11.49	6.16
Hampstead Observatory ...	"	"	"	65	47	"	-	8.0	"	70	Average Rate. 34.3											Wick	{	5.55	11.57	6.25
											Maximum Rate. 63	Valencia ...	{	5.31	12.08	6.40					
																	{	6.10	12.07	6.26	
																					{

Photographic Record of

Pole Star (Polaris) and of δ Ursae

Minoris at Greenwich Observatory.

Exposure from 19.19 h. 45 m. to 11.4 15 m.

Stars.	Duration of Exposure.	Duration of Record.	%
Polaris	h. m.	h. m.	100
δ Ursae	9. 30	9. 30	100
Minoris	8. 30	8. 30	100

NOTES ON THE WEATHER OF YESTERDAY.

Good records of bright sunshine were obtained in all parts of the Country, in many cases over 10 hours. Rain fell only in the extreme North and West of the British Isles, 14 mm at Wick, 8 mm at Stornoway and 5 mm at Blacksod point. The temperature reached 70° at Weymouth and Littlehampton, but remained below 60° generally in the North.



SUNDAY 12th SEPTEMBER.....1920.

§ For code see page 3

SUMMARY OF CONDITIONS AT 7 h.G.M.T. 12.9.1920.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.	Position Number.	Date	Time G.M.T.	Sea °F	Air °F
1. S.E. England	Fair generally, misty, local fog.	Fair	V. Smooth	5	11 ^A	0740	55	56
2. E. England	Fair, misty.	"	"	3	11 ^A	0915	57	57
3. E. Midlands	Fine	"	-	7	11 ^A	1135	61	61
4. W. Midlands	Fair.	V. Good	-	4	12 ^A	0240	61	60
5. S.W. England	Fair, misty.	Indif.	Slight	4A	12 ^A	0408	61	62
6. South Wales	Fair generally.	V. Good	Smooth	3	12 ^A	0430	59	57
7. North Wales	Dull, gloomy.	"	Slight			0925	57	58
8. N.W. England	Dull, foggy.	V. Poor	Smooth					
9. N. Midlands	Dull, misty.	Fair	-					
10. N.E. England	Fair, squally.	"	Smooth					
11. E. Scotland	Dull, foggy.	V. Poor	Smooth					
12. S.W. Scotland	Dull, misty.	"	V. Smooth					
13. Isle of Man	Dull, misty.	Indif	"					
14. N. & N.W. Scotland	Cloudy.	Fair	Smooth					
15. Hebrides	Dull, drizzle, squally.	"	Rough					
16. Orkneys and Shetlands	Dull, misty.	Poor	Slight					
17. N.W. Ireland	Showery.	Good	Rough					
18. N.E. Ireland	Dull, misty.	Fair	V. Smooth					
19. S.E. Ireland	Dull.	Poor.	Slight					
20. S.W. Ireland	Dull.	V. Good	"					

Barometric change in half millibars, per 3 hours.

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

A large depression to the West and North-West of the British Isles will cause much cloud and some rain or showers in the western and Northern districts, but an anticyclone which still extends from the South-East of England to the Continent will maintain generally fair weather over the greater part of England.

Districts.	Forecasts for the 24 hours commencing 15h.G.M.T. Sunday, 12th September, 1920.	
1. S.E. England	Wind SE or variable, light. Fair generally. Visibility mainly good during daytime. Temperature moderate, but low inland at night.	
2. E. England		
3. E. Midlands		
4. W. Midlands	Wind light from SE or S. Fair or cloudy, Visibility fair to good; Moderate temperature.	
5. S.W. England		
6. South Wales		
7. North Wales	Wind S or SW, moderate to fresh. Cloudy or overcast, some rain or showers locally. Visibility mainly fair. Moderate temperature.	
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. E. Scotland	Wind S to SW, moderate or fresh, strong in places. Much cloud, some rain or showers in many localities. Visibility indifferent to rain. Moderate temperature.	
12. S.W. Scotland		
13. Isle of Man		
14. N.&N.W. Scotland		
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		Same as 7 - 11.
20. S.W. Ireland		

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

Forecasts issued at 15.10 G.M.T.

G. C. Simpson,
Senior Staff, F.R.S.

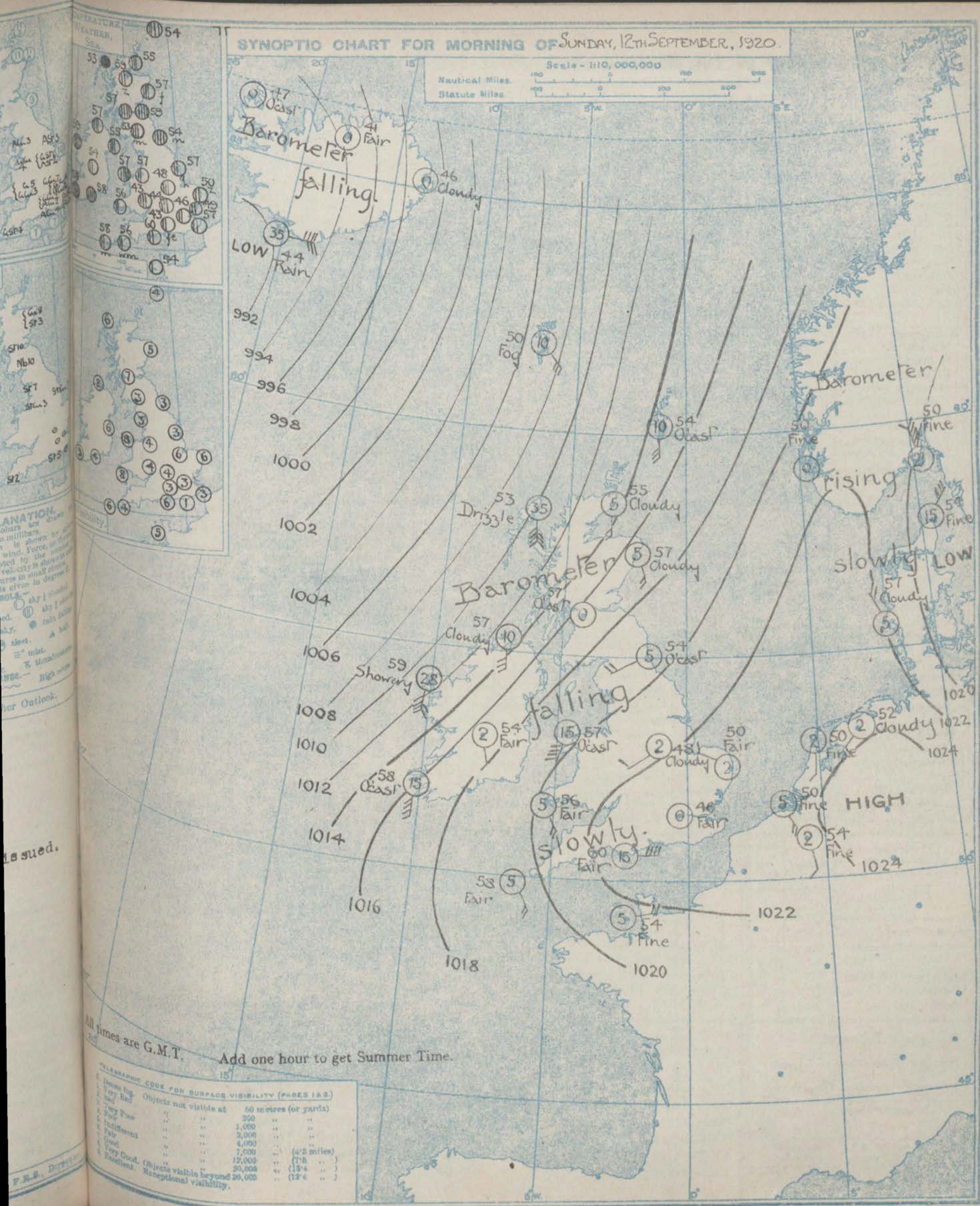
None issued.

All times are C

1. Very Bad
2. Bad
3. Fair
4. Indifferent
5. Fair
6. Good
7. Very Good
8. Excellent

SYNOPTIC CHART FOR MORNING OF SUNDAY, 12TH SEPTEMBER, 1920.

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



All times are G.M.T.

Add one hour to get Summer Time.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PARTS 1 & 2)	
0	Obscured
1	Very Poor
2	Poor
3	Indifferent
4	Fair
5	Good
6	Very Good
7	Excellent

Objects not visible at	
60 metres (or yards)	
1,000	
2,000	
4,000	
7,000	
12,000	
20,000	
30,000	

(Objects visible beyond 20,000 feet)
(12 1/2 miles)
(13 1/2 miles)
(15 miles)
(17 1/2 miles)
(20 miles)
(23 miles)
(26 miles)
(30 miles)

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 256.

SUNDAY
12th SEPTEMBER

WEATHER, TEMPERATURE RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 1911																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night, 17h-19h. 10-11	Day, 9h-17h. 11	to 17h. 11	Sunrise to Sun- set, 10			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night, 17h-19h. 10-11	Day, 9h-17h. 11	to 17h. 11	Sunrise to Sun- set, 10
Scotland.	Oban	o.c.	o.c.	58	51	1	3	0.0	7.1	England, N.W.	Douglas (I.O.M.)	-	-	59	51	-	-	0.4	10.3
	Banff	d.c.	c.o.	64	45	-	-	2.2	10.5		Blackpool	o.c.	o.c.	60	49	-	-	0.3	11.0
	Montrose	-	-	-	-	-	-	-	-		Southport	o.c.	o.c.	61	48	-	-	1.2	11.5
	St. Andrews	-	-	-	-	-	-	-	-		Morecambe	-	-	-	-	-	-	-	-
England, N.E.	Harrogate	cl.	bc	59	48	-	-	0.1	11.0	Midlands.	Buxton	bc.c	bc.c	57	45	-	-	0.6	9.6
	Scarborough	o	o	63	49	-	-	0.3	11.5		Leamington Spa... ..	bc	bc	63	40	-	-	2.0	7.5
	Skegness	-	-	-	-	-	-	-	-		Malvern	c	c	63	42	-	-	4.1	7.2
England, E.	Lowestoft	-	-	-	-	-	-	-	-	Wales.	Bath	b.b.c	c.o.b	63	41	-	-	-	-
	Felixstowe	om	o3	63	46	-	-	0.0	8.6		Rhyl	-	-	-	-	-	-	0.8	10.3
	Southend-on-Sea... ..	-	-	-	-	-	-	-	-		Colwyn Bay	-	-	62	51	-	-	0.5	8.5
England, S.E.	Tunbridge Wells	b	bc.c	65	41	-	-	0.8	7.6	England, S.W.	Llandudno	-	-	61	46	-	-	3.3	7.9
	Margate	c	c	65	50	-	-	0.9	6.9		Aberystwyth	o.c	c.o	61	44	-	-	-	-
	Ramsgate	-	-	63	47	-	-	2.4	7.2		Tenby	bc.c	bc	62	44	-	-	6.1	9.5
	Folkestone	c	c	68	52	-	-	4.6	7.6		Weymouth	c.b	bc.o	63	41	-	-	8.5	10.6
	Hastings	b.b.c	b.b.c	64	51	-	-	8.5	8.9		Teignmouth	-	-	65	45	-	-	8.0	10.4
	Eastbourne	bc	bc.o	64	45	-	-	7.4	9.1		Torquay	3.b.b	b.b.c	66	39	-	-	8.2	11.0
	Brighton	-	-	-	-	-	-	-	-		Paignton	bc	bc.c	64	48	-	-	-	-
	Worthing	bc	bc	66	41	-	-	7.2	9.0		Penzance	bc	bc	64	48	-	-	-	-
	Littlehampton	-	-	-	-	-	-	-	-		Newquay	-	-	-	-	-	-	5.0	9.2
	Portsmouth (S'bea)	-	-	65	46	-	-	6.3	8.4		Bude	-	-	-	-	-	-	-	-
	Bournemouth	-	-	66	41	-	-	7.5	9.0		Ilfracombe	bc.c	c.b.c	65	49	-	-	-	-
	Ventnor (I. of W.)	-	-	63	51	-	-	8.7	9.4		Weston-s-Mare	-	-	-	-	-	-	-	-

SUMMARIES FOR PAST 24 HOURS.														
STATIONS.		WEATHER.				TEMP.		RAINFALL.		Sun.		THE BEAUFORT SCALE OF WIND FORCE.		
		7h-12h.	12h-18h.	18h-12h.	12h-7h.	Max. Temp. °F.	Min. Temp. °F.	Day, 7h-18h.	Night, 18h-7h.	Hours.	No.	Statute miles per hour.	Metres per second.	Limit of Velocity at about 30 feet above ground.
Renfrew ...	o.c.	o.c.	o.c.	o.c.	58	51	53	0.1	0.4	0.0	0	Less than 1	Less than 0.5	0-15
Eskdalemuir ...	o.c.	o.c.	o.c.	o.c.	54	50	52	0.2	0.4	0.0	1	1-3	0.5-1.5	16-33
Valencia (Cahire'u) ...	o.c.	o.c.	o.c.	o.c.	65	58	56	-	-	2.0	2	4-7	1.6-3.4	34-54
Baldonnel ...	o.c.	o.c.	o.c.	o.c.	62	50	-	trace	trace	2.3	3	8-12	2.8-7.4	54-74
Manchester (Alex. R.) ...	o.c.	o.c.	o.c.	o.c.	66	47	38	-	0.1	-	4	13-18	3.6-10.7	74-107
Ross on Wye ...	o.c.	o.c.	o.c.	o.c.	60	40	34	-	-	2.7	5	19-24	5.4-10.7	107-158
Falmouth ...	o.c.	o.c.	o.c.	o.c.	64	53	43	-	-	9.3	6	25-31	6.8-13.4	158-217
Calshot (Hants) ...	o.c.	o.c.	o.c.	o.c.	65	48	-	-	-	6.9	7	32-38	8.9-10.7	217-237
Lympne (Folkestone) ...	o.c.	o.c.	o.c.	o.c.	62	47	35	-	trace	5.8	8	33-40	9.3-10.7	237-254
Aberdeen ...	o.c.	o.c.	o.c.	o.c.	61	50	46	0.3	0.1	0.9	9	41-54	11.3-13.4	254-284
Howden ...	o.c.	o.c.	o.c.	o.c.	?	?	?	?	?	?	10	55-63	12.5-13.4	284-313
Cranwell (Lincs) ...	o.c.	o.c.	o.c.	o.c.	63	47	-	-	-	1.6	11	54-76	12.5-13.4	284-313
Felixstowe ...	o.c.	o.c.	o.c.	o.c.	67	38	29	-	-	2.4	12	Above 76	23.6 or above	313 or above
Shoeburyness ...	o.c.	o.c.	o.c.	o.c.	66	40	33	-	-	-	SYMBOLS - Aurora ☄ Solar halo ☉ Eclipse ☿ Lunar halo ☾ Glazed frost ❄ Solar corona ☼ Glazed roads 🌧 Lunar corona ☾			
Benson ...	o.c.	o.c.	o.c.	o.c.	67	37	34	-	-	6.4				
S. Farnborough ...	o.c.	o.c.	o.c.	o.c.	67	41	34	-	-	5.2	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. 12 th & 13 th Sept. 1920.			
London (Kew Obs.) ...	o.c.	o.c.	o.c.	o.c.	65	43	-	-	-	-				
Croydon ...	o.c.	o.c.	o.c.	o.c.	-	-	-	-	-	-	Vertical Component of Solar Radiation per Square Centimetre during yesterday.			
Greenwich (Royal Observatory) ...	o.c.	o.c.	o.c.	o.c.	70	39	32	-	6.1	46	65	Total ...	Joules.	Yarmouth ...
City (Boschill Row) ...	-	-	-	-	-	-	-	-	-	-	-	Average Rate.	Milliwatts.	Greenwich ...
Westminster (St. James's Park) ...	-	-	-	-	-	-	-	-	-	-	-	Maximum Rate.	-	Wick ...
Camden Sq. (British Rainfall) ...	bc	bc	-	-	71	42	40	-	-	57	81	-	-	Valencia ...
Kensington Palace ...	bc	bc	bc	bc	69	42	35	-	-	56 (18h)	72	-	-	
Hampstead Observatory ...	bc	c.b	b	b	65	?	-	-	-	-	61	-	-	

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

Exposure from h m.
to h m.

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

NOTES ON THE WEATHER OF YESTERDAY.

Bright sunshine records were moderate to high in the South and South-West, but slight elsewhere. The minimum temperature readings of the night were below 40° at some Southern and central stations, after maxima of nearly 70° during the day. Rain fell at a few places in the far North and North-West, but generally the weather was dry.

DON

20.

TEMPERATURE

Max. Min.

F. F.

79 63

81 59

81 66

82 66

79 59

81 66

82 66

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82 66

81 66

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AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 21480

Monday, 13th September, 1920.

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

STATIONS.	12 th H. G.M.T.										18 th H. G.M.T. OF 12 th									
	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Force 0-12.	Weather.	Temp. °F.	Humidity %.	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Amt. 0-10.	Sea.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Force 0-12.	Weather.	Temp. °F.	Humidity %.	Visibility 0-9.
Renfrew ...	1010.3	-1	S	3	o	62	75	6	2000	ScA	7	Cl	1014.7	-1	S	2	o	60	85	6
Eskdalemuir ...	1018.1	0	SW	4	o	57	75	6	2000	ScA	7	Cl	1016.3	0	SSW	3	c	56	75	6
Valencia (Cahire'n) ...	1015.2	-0	S	5	o	60	85	8	-	-	-	3	1015.6	+2	SW	3	c	60	92	7
Baldonnel ...	1015.7	-2	SW	4	c	69	76	5	4200	Cl	4	A	1024.9	-1	SW	3	oif	62	85	5
Didsbury ...	1019.2	-3	SSW	3	oif	66	80	7	-	-	Cl	7	1017.2	-2	S	2	bif	65	65	7
Ross on Wye ...	1019.4	-3	SSW	3	bif	72	66	7	-	-	Cl	3	1017.1	-4	SW	2	b2	69	65	7
Falmouth ...	1019.4	-0	SE	2	b3	66	75	6	-	-	Cl	1	1018.0	-2	SE	1	bif	61	85	6
Calshot (Hants) ...	1020.6	-2	ESE	3	bc	66	75	7	3000	Cl	1	Cl	1018.8	-2	ESE	3	b	61	97	7
Lymington (Folkestone) ...	1021.1	-2	SA	2	bcy	67	80	8	-	-	Cl	5	1019.5	-3	ESE	1	bc	58	65	8
Aberdeen ...	1016.1	-1	S	2	oif	61	85	6	-	-	A	10	1042	-2	S	3	oif	56	92	6
Howden ...	1019.5	-2	WSW	1	c3	66	65	4	4200	Sc	6	A	1017.2	-2	-	0	bc2	64	65	5
Cranwell (Lincoln) ...	1020.0	-2	SW	2	c	71	66	7	-	-	Cl	7	1018.5	-0	SW	2	b	64	65	8
Felixstowe ...	1021.2	-2	ESE	1	bc34	67	88	6	-	-	Cl	4	1019.3	-3	-	0	b	60	75	7
Shoeburyness ...	1020.0	-3	?	1	b	73	55	6	-	-	Cl	1	1018.1	-1	W	1	b	64	65	6
Benson ...	1020.3	-3	SW	2	by	73	55	7	-	-	Cl	3	1019.0	-1	S	1	bif	65	65	7
S. Farnborough ...	1020.4	-4	SW	3	by	69	55	6	-	-	Cl	1	1018.7	-2	S	2	bif	67	55	8
London (Kew Obs.) ...	1020.8	-2	SSW	2	by	72	55	8	-	-	Cl	2	1019.8	0	SW	2	b	63	75	8
Croydon ...	1013.8	-2	SW	4	oif	55	92	5	-	-	Sc	9	1014.1	+2	SW	1	bc	53	92	4
Renfrew ...	1016.7	+2	WNW	3	bc	57	-	-	-	-	-	-	1014.1	+1	W	1	o	54	92	6
Eskdalemuir ...	1015.1	0	WNW	3	oif	57	92	5	4200	Sc	5	-	1019.4	+2	WNW	2	bc	55	85	4
Valencia (Cahire'n) ...	-	-	-	-	-	-	-	-	-	-	-	-	1015.9	0	SSW	2	oif	56	85	4
Baldonnel ...	-	-	-	-	-	-	-	-	-	-	-	-	1016.4	+1	WNW	2	oif	56	75	6
Didsbury ...	-	-	-	-	-	-	-	-	-	-	-	-	1017.9	0	WNW	1	oif	53	92	5
Ross on Wye ...	1017.7	0	NE	2	cifw	57	97	6	-	-	Sc	4	1016.8	-1	WNW	2	b	43	97	5
Falmouth ...	1018.3	-1	-	0	b2fe	51	97	5	-	-	-	-	1017.3	0	-	0	bif	55	85	6
Calshot (Hants) ...	1018.5	-2	ESE	1	bw	51	85	8	-	-	Cl	1	1012.5	+2	-	0	oif	56	97	2
Lymington (Folkestone) ...	-	-	-	-	-	-	-	-	-	-	-	-	1015.5	+1	-	0	oif	53	97	3
Aberdeen ...	1016.0	-	-	0	oif	49	97	3	750	Sc	10	-	1016.4	-1	W	3	o	57	85	5
Howden ...	1017.4	-3	WSW	1	b	53	55	6	-	-	-	-	1017.6	0	-	0	bnw	49	97	6
Cranwell (Lincoln) ...	-	-	-	-	-	-	-	-	-	-	-	-	1017.0	0	SE	1	bife	30	92	3
Felixstowe ...	-	-	-	-	-	-	-	-	-	-	-	-	1016.2	0	-	0	bc	45	97	5
Shoeburyness ...	-	-	-	-	-	-	-	-	-	-	-	-	1017.1	0	SSE	2	bife	42	97	5
Benson ...	-	-	-	-	-	-	-	-	-	-	-	-	1016.9	0	-	0	bnw	43	97	2
S. Farnborough ...	1018.4	-1	-	-	-	-	-	-	-	-	-	-	1017.5	-1	SSW	1	bifw	41	85	6
London (Kew Obs.) ...	1019.3	-1	S	2	bwfe	46	97	6	-	-	-	-	-	-	-	-	-	-	-	-
Croydon ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.

STATIONS.	7 th H. G.M.T. OF 12 th										7 th H. G.M.T. OF 18 th									
	Barom. at M.S.L. mb.	Temp. °F.	Wind. Direc.	Force 0-12.	Weather.	Barometer. at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Wind. Direc.	Force 0-12.	Weather.	Sea.	Rainfall mm.	Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	Shading.
Lerwick ...	1012.6	54	S	4	om	1010.2	-1	54	0	S	1	omd	0	5	55	49	om	om	omr	0.0
Stornoway ...	1009.4	56	S	6	omq/m	1010.9	+3	52	0	WSW	3	b	2	3	57	51	om	omq/m	omr	0.0
Castell Bay (Barra) ...	1012.3	58	S	3	o	1013.6	+2	55	-2	W	2	bc	2	1	59	53	c.	cp.	emp	0.3
Malin Head ...	1011.0	61	SW	2	bc	1015.7	+4	53	-6	W	3	bc	3	5	61	49	omr.	om	bobbc	0.0
Blackod Point ...	1016.7	59	SW	3	c	1019.3	+3	53	-5	NNW	1	b	1	0.3	65	53	02.	0.02	odcb	0.0
Roche's Point ...	1014.1	62	S	1	o	1017.5	0	52	-2	NNW	1	bc	1	1	66	52	co	co	opbc	0.1
Bir Castle ...	-	-	-	-	-	1014.6	+2	55	0	W	1	cm	1	1	64	55	-	-	omr	0.0
Donaghadee ...	1016.6	67	-	0	b	1015.2	+1	57	+6	WSW	3	o	2	-	71	52	b	b	bc	0.7
Liverpool (Baldon) ...	1016.0	61	SSW	4	og	1015.6	+1	57	0	WNW	4	omg	2	2	65	56	o. om. bc	bc	o. bc	0.7
Fernbrook (St. Mary's) ...	1017.5	61	SSE	2	b	1017.3	+1	57	+1	WNW	2	c	2	1	64	56	bc. b.	b	off	0.2
Scilly (St. Mary's) ...	1017.6	62	SW	1	c	1019.1	+1	58	0	NNW	3	bc	3	-	66	57	bc. b.	b. bc. c.	bbc	0.7
Jersey (St. Aubin) ...	1017.9	69	E	2	b	1016.8	0	55	+1	W	2	b	2	-	74	50	bc	bc. b.	bmw	11.0
Portland Bill ...	1018.6	63	SE	2	b	1017.3	-2	58	-2	SE	2	bc	2	-	66	56	bc. b.	b	bbc	0.0
Longueville ...	1019.6	64	-	0	b	1016.8	-2	48	-3	S	1	b	1	-	68	44	bc.	bc	b	0.0
Wick ...	1010.8	61	SE	1	o	1010.5	+2	51	-4	WSW	1	bc	1	1	61	50	c. o.	o	op. bc	0.4
Barn ...	1010.9	60	-	0	c	1011.7	0	51	-3	-	0	bc	1	1	64	52	bge	cg	cg	0.0
Leith ...	1014.5	62	SW	1	c	1012.6	0	56	-3	SW	1	om	1	-	68	56	o. bc	o. bc	comco	0.0
Glasgow ...	1016.6	60	S	2	bc2	1015.7	0	57	+3	S	1	om	1	1	67	53	om	bc2	omrmp	0.0
Portsmouth ...	1018.4	58	SSE	3	bc	1015.1	-1	58	+1	SW	3	cm	2	-	67	52	bc.	bc	bmc	0.0
Portsmouth-on-Sea ...	1018.8	60	SSW	3	bc	1017.1	0	54	+4	W	1	bc2	1	-	65	50	bc.	bc2.	bmw	8.5
Woolwich ...	1019.3	62	SE	3	bc	1017.2	0	51	+2	NNW	2	bc2	1	-	66	49	bc2.	bc2.	bcm	10.4
Woolingham ...	1017.7	66	S	1	b	1016.0	0	52	+4	SW	1	cm	4	-	74	47	bc. c.	bc	b	7.2

* Information for these columns not usually received.

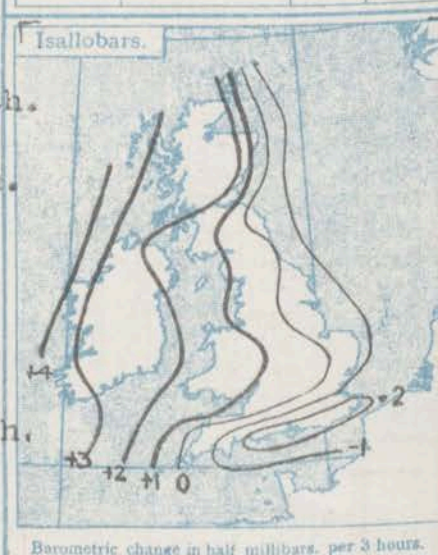
† The barometric change is expressed in half millibars.

‡ For code see page 2

SUMMARY OF CONDITIONS AT 7 h. G.M.T. 13.9.1930.

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

Temperature reported from Coastal and Cross Channel Steamers.				
Position Number.	Date	Time G.M.T.	Sea ° F	Air ° F
h. 6	12 th	1420	62	69
12	13 th	0255	54	55



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

The anticyclone off our Southwest coasts is expanding North-eastward and will probably maintain fair weather over the Southern half of the Kingdom. In the North secondaries associated with the Icelandic depression may cause local showers.

EXPLANATION.

BAROMETER.—Isobars are drawn at intervals of two millibars.
WIND.—Direction is shown by the flying wind; Force, by the number 0-12, is indicated by the scale in feathers. Mean velocity is shown in feet per hour by figures in small circles.
TEMPERATURE—is given in degrees Fahrenheit.
WEATHER SYMBOLS:
☉ clear sky.
⊙ sky & clouded.
☁ overcast sky.
❄ snow.
≡ fog
T under T. thunder.
SEA DISTURBANCE.—
Rough.

(7) ...
...ability

Further Outlook.

Districts.	Forecasts for the 24 hours commencing 15h.G.M.T. Monday, 13th September, 1920.
1. S.E. England	Light N.W. or variable wind; fair generally, some morning mist, visibility fair to good during day; rather warm during day but ground frost at night.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	Wind Westerly moderate; fair or cloudy, perhaps local showers, visibility fair but local mist; rather warm during day, cool at night.
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	Wind between S.W. and N.W., moderate; variable sky, local showers, visibility fair, mist locally; temperature moderate.
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Wind W. or N.W., light to moderate; mainly fair, visibility fair to good; temperature moderate.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Further Outlook.

Southern District

Fair for a day
or two.

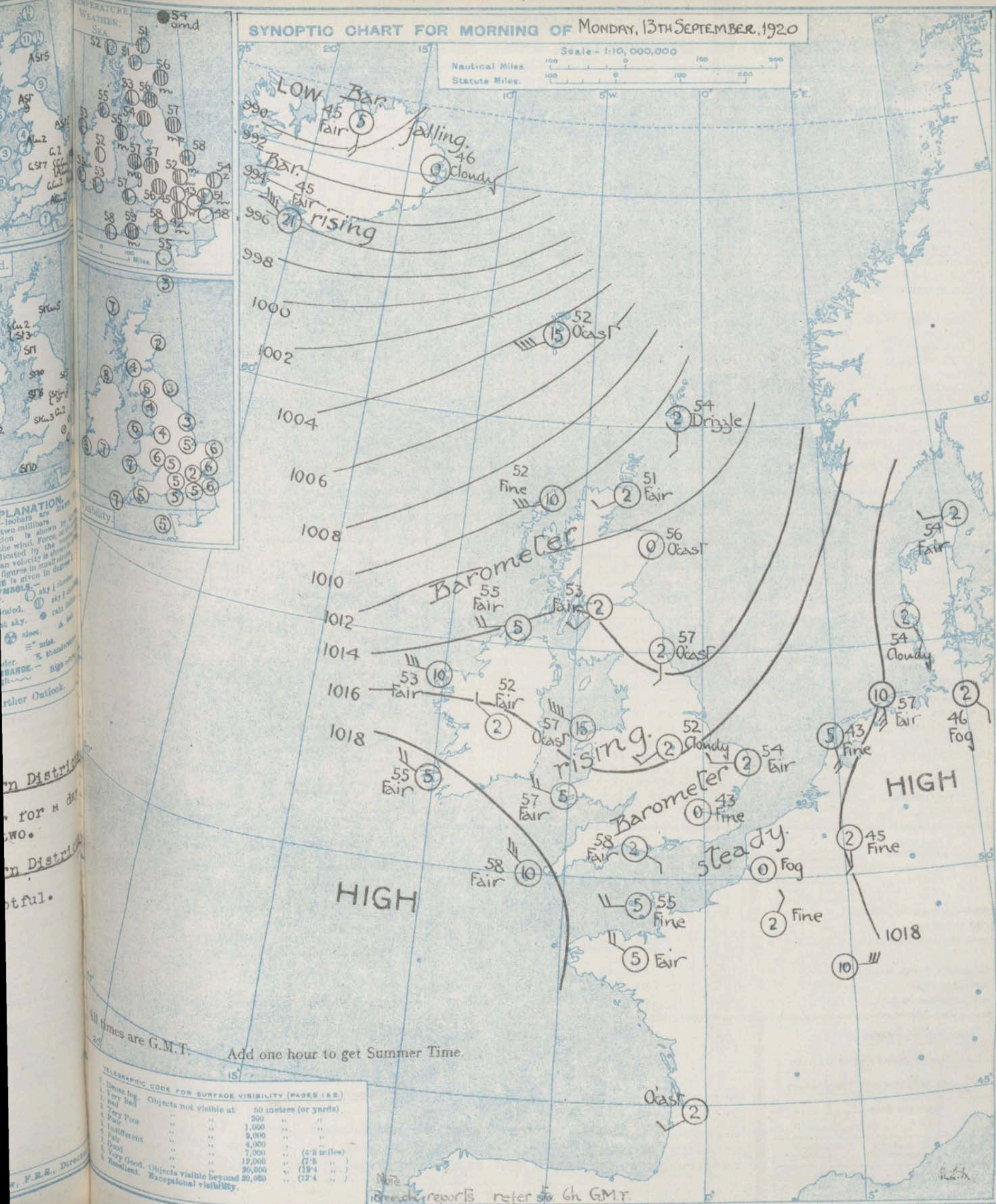
Northern District

Doubtful.

SYNOPTIC CHART FOR MORNING OF MONDAY, 13TH SEPTEMBER, 1920

Scale = 1:10,000,000

Nautical Miles
Statute Miles.



branch reports refer to G. M. T.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 267.

Monday
15th September

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 12 th																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 11 ^h -12 ^h .	Day. 12 ^h -17 ^h .	to 17 ^h .	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 11 ^h -12 ^h .	Day. 12 ^h -17 ^h .	to 17 ^h .	Sunrise to Sunset.
Scotland.	Oban ...									England, N.W.	Douglas (I.O.M.)								
	Banff ...	c.c.bc	c.o	66	52	-	-	1.1	2.2		Blackpool ...	cm	cm	70	49	-	-	7.5	1.3
	Montrose ...										Southport ...	c.bc	bc.b	71	48	-	-	7.7	
	St. Andrews ...																		
England, N.E.	Harrogate ...	c.bc	bc.b	69	48	-	-	4.4	0.5	Midlands.	Buxton ...			73	48	-	-	8.0	2.0
	Scarborough ...	o	bc	71	52	-	-	2.9	0.5		Leamington Spa...	b	b			-	-		
	Skegness ...										Malvern ...					-	-	8.4	4.2
England, E.	Lowestoft ...									Wales.	Bath ...	b	b	75	43	-	-	9.1	
	Felixstowe ...	b	bc	66	43	-	-	10.8	0.0		Rhyl ...	bc.b	b	73	48	-	-	7.5	?
	Southend-on-Sea...										Colwyn Bay ...			71	62	-	-	8.5	0.8
England, S.E.	Tunbridge Wells	bc.b	b	74	41	-	-	8.0	5.8	England, S.W.	Llandudno ...	c.b.	b	72	51	-	-		
	Margate ...			69	49	-	-	10.1	0.9		Aberystwyth ...								
	Ramsgate ...			66	49	-	-	10.5	2.4		Tenby ...								
	Folkestone ...	b	b	73	62	-	-	9.4	4.6		Swansea ...								
	Hastings ...	bc.b	b	67	53	-	-	8.5	6.5		Weymouth ...	bc.b	b	71	48	-	-	9.7	6.4
	Eastbourne...	bc	bc.b	68	46	-	-	7.8	7.4	Teignmouth ...									
	Brighton ...	c.bc.b	b	67	46	-	-	7.3	-	Torquay ...									
	Worthing ...	bc.	b	68	46	-	-	8.5	7.2	Paignton ...									
	Littlehampton ...									Penzance ...	b	b	69	51	-	-	9.9	8.5	
	Portsmouth (S th sea)	x	x	68	49	-	-	8.5	6.3	Newquay ...	b.	b	70	49	-	-	10.2	?	
	Bournemouth ...			71	42	-	-	8.0	7.5	Bude ...	w.bc.b	b	74	42	-	-	10.1	6.4	
	Ventnor (I. of W.)			68	56	-	-	9.3	8.7	Ilfracombe ...	b.bc	bc.b	74	63	-	-	9.5	-	
											Weston-s-Mare ...	b.	bc.b	75	47	-	-		

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.	
STATIONS.		WEATHER.				TEMP.		RAINFALL.		Sun. Hours.	No.	Limits of Velocity at about 30 feet above ground.	
		7h-13h.	13h-18h.	18h-24h.	24h-7h.	Max. Temp. F.	Min. Temp. F.	Dry. 7h-13h.	Night. 18h-7h.			Statute miles per hour.	Metres per second.
Renfrew ...	...	o.f.o	g.o.f.	p.o.f.	o.z.f.	65	53	51	1.8	...	0	Less than 1	Less than 0.9
Eskaledmuir ...	...	o.z.f.	c.o.o	c.o.f.	o.z.f.	60	52	47	2.1	...	1	1-3	0.9-1.6
Valencia (Cahire'n)	...	c.o.o	p.d.o	c.o.o	b.c.c	62	54	48	0.3	...	2	4-7	1.6-3.9
Baldonnel ...	...	bc.o	c.o.	c.o.	c.o.	...	...	...	...	...	3	8-12	3.6-7.9
Didsbury ...	...	bc.c	b.bc	b.bc	b.o	71	51	44	-	...	4	13-18	8.0-10.7
Ross on Wye...	...	c.o.b	b.bc	b.bc	b.c.c	75	48	40	-	...	5	19-24	10.8-15.5
Falmouth ...	...	b.c.b	b.f.	b.b.c	c.o	67	54	46	-	...	6	25-31	13.9-17.1
Calshot (Hants)...	...	bc.b	b.bc	b.bc	b.c.f	66	45	...	-	...	7	32-38	17.2-20.7
Lympnet (Folkestone)	...	bc.c	b.c.c	b.c.c	b.c.c	67	50	33	Trace	...	8	39-46	20.8-24.4
Aberdeen ...	...	o.z.f.	o.f.	o.f.	o.z.f.	62	58	51	0.1	...	9	47-54	24.5-28.4
Howden ...	...	3.f.	2.f.	3.f.	3.f.	70	46	43	-	...	10	55-63	28.5-33.5
Cranwell (Lines) ...	...	c.o.c	b.c.c	b.c.c	b.o	72	50	...	-	...	11	64-76	33.6-39.5
Felixstowe ...	...	...	...	...	...	64	44	...	...	...	12	Above 76	33.6 or above
Shoeburyness ...	...	3.f.	b.c.c	b.c.c	b.c.c	68	39	30	-	...	SYMBOLS— Aurora ☆ Solar halo Rime ∩ Lunar halo Glazed frost ∩ Solar corona Glazed roads ∩ Lunar corona		
Benson ...	...	...	...	...	...	74	39	32	-	...			
S. Farnborough ...	...	3.f.	b.c.c	b.c.c	b.c.c	75	35	31	-	...	Capital letters indicate intensity, and repetition of letters continuity, thus:— R = heavy rain. rr = continuous moderate rain. r.f. = continuous light rain.		
London (Kew Obs.)	...	3.f.	b.c.c	b.c.c	b.c.c	72	40	33	-	...			
Croydon ...	...	2.f.	b.c.c	b.c.c	b.c.c	74	...	...	-	...	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.		

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).		TABLE SHOWING THE GREENWICH SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
Morning.		Weather.	Night.	Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %						
		Afternoon.							15 h. G.M.T.	9 h. G.M.T.					
24 HOURS ENDED 9H G.M.T. 13 th									YESTERDAY.	TO-DAY.	13 th & 14 th September 1920.				
Vertical Component of Solar Radiation per Square Centimetre during yesterday.											Stations.				
Total 1309 Joules.											Sunrise.				
Average Rate. 27.3											Noon.				
Maximum Rate. 58											Sunset.				
Milliwatts.															
Greenwich (Royal Observatory)	b	b	bc.f	76	40	32	-	10.1	74	75	Yarmouth...	5.25	11.49	6.13	
City (Bunhill Row) ...	*	*	*	*	*	*	*	9.0	*	*	Greenwich	5.37	11.56	6.11	
Westminster (St. James's Park)	*	*	*	75	44	35	-	9.5	41	74	Wick	5.39	12.8	6.17	
Camden Sq. (British Rainfall)	b	b	*	76	44	39	-	*	-	72	Valencia	5.41	12.37	6.37	
Kensington Palace ...	bc.b	bc.b	*	76	43	35	-	*	79 (18h)	71		6.13	12.37	6.69	
Hampstead Observatory ...	*	*	*	73	50	9	-	9.3	*	83		6.15			

Photographic Record of Pole Star (Polaris) and of 8 Ursae Minoris at Greenwich Observatory.				NOTES ON THE WEATHER OF YESTERDAY.									
Exposure from 12.19 h. 30 m. to 13.4 h. 30 m.				The day was fine in the Southern district, many stations recording 10 hours of sunshine. Temperature reached 75° at Bath, Weston -s-Mare and S. Farnboro' and 76° at Kensington Palace. Night temperatures were however low, the grass minimum falling to 30° at Shoeburyness. In the North skies were mainly overcast and small amounts of rain fell.									
Stars.	Duration of Exposure.	Duration of Record.	%										
Polaris	9.0	8.43	97										
8 Ursae Minoris	9.0	7.57	88										

* Information for these columns not usually received.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 71. 481

Tuesday, 14th September, 1920.

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

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 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.	BAROM. at M.S.L.	Change in 3 hours.	WIND. Direc.	Force 0-12.	Weather.	TEMP. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.	
13H. G.M.T. 13 th															18H. G.M.T. OF 13 th															
73	59	Renfrew ...	1016.7	+3	W	2	bc	60	83	7	2000	Cu	8	-	-	1016.3	+1	W	3	b	54	75	8	-	-	-	-	-	-	
79	63	Eskdalemuir ...	1016.2	+2	W	3	bc	61	83	8	3000	Cu	4	-	-	1016.3	+1	W	2	CV	58	75	9	-	-	-	-	-	-	
81	63	Valencia (Cahire'n) ...	1022.0	+2	W	2	bc	60	83	8	3000	Cu	3	Cl	1	3	1022.2	0	W	1	CV	58	75	8	2000	St	2	AS	1	
81	63	Baldonnel ...	1019.4	+1	N	3	e	68	60	7	4200	Cu	6	-	-	1020.4	0	W	1	b	59	75	8	2000	St	2	AS	1		
79	64	Dunbury ...	1017.1	+2	W	2	CV	62	75	4	2000	Nb	5	AS	3	-	1018.5	+2	W	3	b3	58	75	4	2000	St	2	AS	1	
81	64	Ross on Wye ...	1017.2	+2	W	2	CV	63	75	9	3000	Nb	9	-	-	1018.3	+1	W	1	CV	62	75	9	3000	St	7	-	-	-	
80	64	Falmouth ...	1020.1	+2	W	5	C	63	75	7	-	Cu	7	-	-	1021.5	+1	W	2	b	59	75	8	-	-	-	-	-	-	
82	64	Calshot (Hants) ...	1017.2	0	W	2	0	63	75	6	5700	St	10	-	-	1017.8	+2	N	3	CV	63	85	5	5700	St	8	-	-	-	
84	64	Lymington (Folkestone) ...	1016.5	-1	S	2	CV	67	83	7	-	-	AS	10	-	1016.7	0	-	0	CV	60	85	6	-	-	-	-	-	-	
86	66	Aberdeen ...	1016.2	+3	S	2	C	60	75	8	4200	Cu	8	-	-	1017.3	+2	S	1	bc2f	56	85	8	4200	Cu	4	-	-	-	
		Howden ...	1015.6	0	-	0	CV	62	83	3	3000	St	7	AS	3	-	1016.1	+2	NE	3	bc1f	59	85	4	4200	St	6	-	-	-
		Cranwell (Lincs) ...	1016.6	0	W	3	CV	62	75	4	2000	St	7	AS	3	-	1017.4	0	W	1	CV	61	85	4	4200	St	9	-	-	-
		Felixstowe ...	1016.9	-1	SE	3	C	63	75	7	-	-	AS	8	-	1016.9	0	SW	1	CV	61	85	6	-	-	-	-	-	-	
		Shoeburyness ...	1016.4	0	SE	1	CV	64	75	6	4200	St	3	AS	6	-	1016.8	0	-	0	CV	60	72	5	2000	St	5	AS	3	
		Benson ...	1016.4	+1	W	1	0	64	75	5	-	-	-	-	-	1017.7	+1	N	2	0	59	72	3	-	-	-	-	-	-	
		S. Farnborough ...	1016.8	0	W	2	CV	67	83	7	4200	St	8	AS	2	-	1017.5	+1	W	1	CV	63	85	6	1250	St	8	AS	2	
		London (Kew Obs.) ...	1016.8	0	SW	1	CV	66	83	6	5700	St	7	AS	3	-	1017.3	0	W	1	CV	62	75	5	5700	St	4	AS	3	
		Croydon ...	1017.0	0	W	2	CV	66	83	6	4200	St	8	AS	6	-	1017.4	+1	W	1	CV	62	75	5	5700	St	2	AS	2	
1H. G.M.T. OF 14 th															7H. G.M.T. OF 14 th															
73	59	Renfrew ...	1020.9	+1	-	0	bw	38	92	8	-	-	-	-	-	1017.7	-1	-	0	CV	44	98	1	150	St	10	-	-	-	
79	63	Eskdalemuir ...	1019.6	-3	SE	2	om	59	-	-	-	-	-	-	-	1019.8	0	-	0	CV	38	98	4	150	St	10	-	-	-	
81	63	Valencia (Cahire'n) ...	1019.6	-3	SE	2	om	59	-	-	-	-	-	-	-	1014.1	-4	6	0	60	92	6	150	St	10	-	-	-	-	
81	63	Baldonnel ...	1020.5	-1	-	0	b	49	92	5	4200	St	3	-	-	1017.5	-1	SW	3	CV	52	85	5	4500	Nb	10	-	-	-	
79	64	Dunbury ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1021.1	0	-	0	CV	48	98	2	4500	St	10	-	-	-	
79	64	Ross on Wye ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1021.4	+1	-	0	bw	40	98	8	-	-	-	-	-	-	
81	64	Falmouth ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1022.5	+1	W	1	bc	53	92	6	-	-	-	-	-	-	
80	64	Calshot (Hants) ...	1023.0	0	W	2	bifw	53	92	6	-	St	2	-	-	1021.3	+1	W	2	bc2f	50	98	5	-	-	-	-	-	-	
82	64	Lymington (Folkestone) ...	1020.3	+1	N	3	bif	54	92	6	-	-	-	-	-	1019.9	+1	W	3	CV	52	98	1	4500	St	10	-	-	-	
84	64	Aberdeen ...	1019.3	+1	W	3	bwm	53	98	3	-	-	-	-	-	1018.0	-1	SE	2	CV	53	92	6	1250	St	9	-	-	-	
86	66	Howden ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1019.7	+1	-	0	CV	45	98	5	4200	St	5	AS	3		
		Cranwell (Lincs) ...	1019.2	+1	-	0	bc4f	48	98	1	2000	St	4	-	-	1020.3	+1	W	2	0	49	98	4	4200	St	9	-	-	-	
		Felixstowe ...	1019.7	+2	W	3	b	49	98	5	-	-	-	-	-	1019.6	+2	N	1	CV	55	98	5	1250	St	10	-	-	-	
		Shoeburyness ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1019.8	+2	W	2	CV	55	98	5	2000	St	6	AS	2		
		Benson ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1020.7	+1	W	1	0	46	98	4	-	-	-	-	-	-	
		S. Farnborough ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1020.5	+2	W	1	CV	49	98	6	150	St	10	-	-	-	
		London (Kew Obs.) ...	1019.2	+1	-	-	-	-	-	-	-	-	-	-	-	1020.7	+1	-	0	CV	52	98	4	3000	St	10	-	-	-	
		Croydon ...	1019.8	+1	W	2	b2f	53	98	4	-	-	-	-	-	1020.9	+1	W	1	CV	51	98	2	4500	St	10	-	-	-	
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.	Change in 3 hours.	TEMP. °F.	Change in 24 hours.	WIND. Direc.	Force 0-12.	Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP. °F.	WEATHER.	Sunshine Hours.											
18H. G.M.T. OF 13 th															7H. G.M.T. OF 14 th															
73	59	Lerwick ...	1014.8	34	W	2	b	1016.7	-2	50	-4	E	8	-	bcm	0	-	57	44	bcm	b	bcm	-							
79	63	Sornoway ...	1017.8	55	W	2	o	1012.2	-5	54	+2	SSK	5	-	o	4	-	59	48	bc.c	co	co	7.0							
81	63	Castellbay (Barra) ...	1018.9	65	W	3	C	1011.1	-5	54	-	SSE	5	-	op	-	1	58	52	c.bc	bc.b	cop	7.9							
79	64	Main Head ...	1019.0	38	W	2	bc	1009.6	-4	50	-5	S	4	-	omr	2	5	60	48	bc	bc.p	omr	10.2							
81	64	Blackod Point ...	1019.8	55	SW	1	bc	1007.6	-7	58	+5	SW	6	-	omr	6	9	60	52	bc	bc	comr	-							
80	64	Roche's Point ...	1021.9	60	W	1	bc	1018.5	-3	58	+5	SSW	4	-	o	4	-	65	53	b.bc	bc	bc	-							
82	64	Bar Castle ...	1020.3	60	W	1	C	1015.2	-	53	+1	SSS	2	-	o	-	5	64	49	bc	c	cop	7.8							
84	64	Donaghadee ...	1018.9	57	E	2	cm	1016.3	-2	53	-2	SW	1	-	bcm	1	-	63	48	b.f	bf	bcm.w	-							
86	66	Liverpool (Bidston) ...	1019.1	57	W	3	b	1019.8	-2	50	-7	S	1	-	bc	1	-	61	49	o.c	bc.b	bc	3.5							
		Holyhead ...	1019.9	60	-	0	CV	1018.6	0	55	-2	SSW	4	-	bc	3	trace	61	52	o.c	bc.b	bc.b	7.5							
		Warrington ...	1021.1	59	W	1	CV	1021.1	-1	57	0	SW	2	-	o	2	-	62	55	bc	bc	bc	8.2							
		Mersey (St. Mary's) ...	1022.2	60	W	2	b	1022.1	-2	56	-2	-	0	-	c	3	-	64	54	bc	bc.b	bc	11.1							
		Portland Bill ...	1019.3	63	W	3	C	1022.2	0	55	0	W	2	-	b	2	-	67	53	bcm.b	bc	bc	6.5							
		Widemouth ...	1018.0	64	W	4	bc	1021.6	+1	58	0	W	3	-	bc	3	-	66	56	bc.c	bc.c	b.b	-							
		Widemouth ...	1016.4	62	SW	1	C	1019.2	+2	53	+5	W	3	-	om	2	-	67	47											

SUMMARY OF CONDITIONS AT 7 h. G.M.T. 14.9.1920.

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

Temperature reported from Coastal and Cross Channel Steamers

Position Number.	Date	Time G.M.T.	Sea °F	Air °F
5	13 ^A	0910	55	61
3	13 ^A	0925	57	58
1	13 ^A	1134	60	61
2	14 ^A	0055	56	57
7	14 ^A	0312	61	64
4	14 ^A	0315	59	58



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

A new depression off the West of Ireland will probably move North-Eastward causing rain in Ireland, Scotland and the North-Western half of England and Wales. Gales are probable on exposed parts of the coast. Over the South-Eastern half of England the spell of fair weather may hold for another 24 hours.

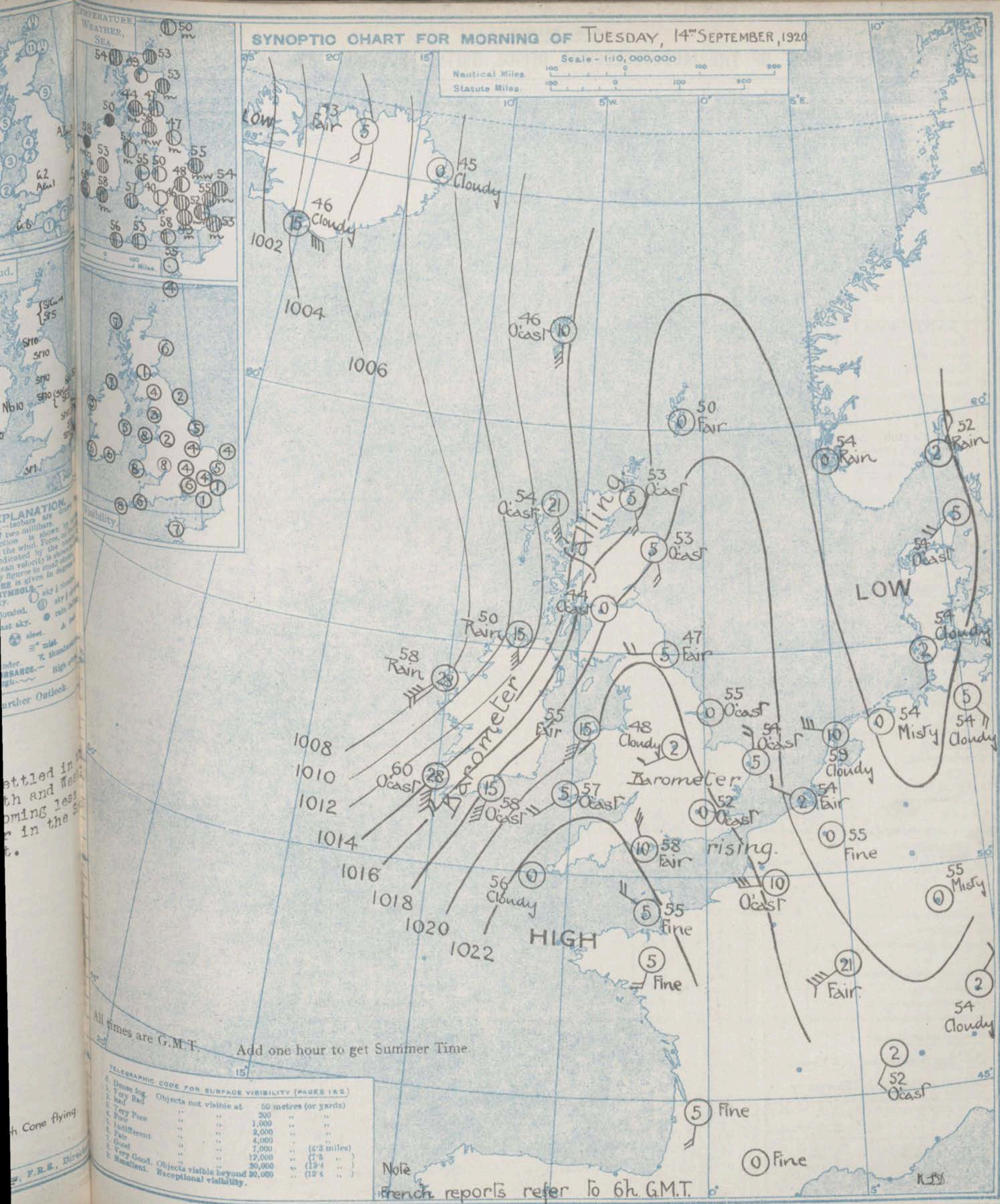
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 14th September, 1920.
1. S.E. England	Light S.W. or variable winds; fair at first, less settled later, visibility indifferent, some mist or fog; temperature moderate.
2. E. England	
3. E. Midlands	
4. W. Midlands	Wind S.W. moderate; cloudy, perhaps some rain or drizzle, visibility fair, mist locally; temperature moderate.
5. S.W. England	
6. South Wales	
7. North Wales	Wind between S. and W., fresh, strong at times; mainly overcast, some rain, visibility indifferent to fair; temperature moderate.
8. N.W. England	
9. N. Midlands	
10. N.E. England	Wind S.E. to S.W., moderate; cloudy or overcast, some rain, visibility indifferent to fair; moderate temperature.
11. E. Scotland	
12. S.W. Scotland	As for 7 - 9.
13. Isle of Man	
14. N. & N.W. Scotland	Wind S.E. to S.W., strong to a gale; rainy, visibility indifferent to fair; temperature moderate.
15. Hebrides	
16. Orkneys and Shetlands	Wind S.W. veering to W. or N.W., strong to a gale; rainy at first, improving later, visibility fair to good; temperature moderate.
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Unsettled in North and West becoming less fair in the East.

South Cone flying

SYNOPTIC CHART FOR MORNING OF TUESDAY, 14th SEPTEMBER, 1920

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



PLANATION.
Isobars are drawn at two millibars.
The wind force is indicated by the number in the circle.
The direction is indicated by the arrow.
The height is given in feet.
SYMBOLS:
Clouded. ☁
Rain. ☔
Mist. ☁
Thunder. ⚡
Hail. ⚡
Snow. ❄
Fog. 🌫
Ice. 🌨
Further Outlook.

settled in
th and
coming less
in the

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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)

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

Objects visible beyond 20,000 (12 1/2 miles) (12 1/2 miles) (12 1/2 miles)

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 258.

14th September

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 13 th																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 12 ^h -9 ^h .	Day. 9 ^h -12 ^h .	to 17 ^h .	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 12 ^h -9 ^h .	Day. 9 ^h -12 ^h .	to 17 ^h .	Sunrise to Sunset.
Scotland.	Oban	oc bc		60	52	12	-	3.4	?	England, N.W.	Douglas (I.O.M.)	-	-	62	55	-	-	6.3	?
	Banff	bc	bc b	63	53	9	-	6.7	11		Blackpool	oc bc		63	58	1	-	5.5	9.2
	Montrose	oc bc	cp	68	54	0.4	-	4.6	?		Southport	oc	bc bc b	61	58	1	-	5.1	?
	St. Andrews	-	-	66	53	-	-	6.4	?		Morecambe	-	-	62	58	1	-	5.1	?
England, N.E.	Harrogate	oc bc	bc b bc	66	56	0.1	-	3.4	4.4	Midlands.	Buxton	bc c	bc bc b	60	52	-	trace	1.2	?
	Scarborough	oc	b	66	55	-	4	1.7	2.9		Leamington Spa	c b	cd c	64	45	-	-	2.3	?
	Skewness	oc d	bc r	62	51	-	3	0.6	?		Malvern	c	c	64	54	-	-	1.6	9.3
	Lowestoft	bc c	cop	67	59	-	0.2	6.4	?		Bath	mo	oc bc	67	44	-	-	2.1	9.8
England, E.	Felixstowe	bc	o	67	46	-	-	8.9	11.1	Wales.	Rhyl	c	bc	60	52	0.2	0.4	1.2	9.0
	Southend-on-Sea	bc	c op o	72	47	-	0.3	5.6	10.0		Colwyn Bay	-	-	60	58	1	-	4.4	0.5
	Tunbridge Wells	b	bc cp o	74	59	-	trace	5.9	8.6		Llandudno	o	c b bc	64	57	2	-	5.5	?
	Margate	b	b bc c	73	53	-	-	7.4	10.6		Aberystwyth	o c c	b bc	61	57	1	-	7.0	?
England, S.E.	Ramsgate	b	b	68	55	-	-	7.3	11.0	England, S.W.	Tenby	c bc	b	66	58	1	-	6.5	?
	Folkestone	b bc	c dr	72	64	-	0.3	6.9	?		Swansea	-	-	69	56	0.3	1	2.3	10.6
	Hastings	b	b bc op	70	53	-	1	6.9	9.8		Weymouth	c bc	bc	69	48	-	-	5.7	?
	Eastbourne	b bc	c or oc	67	44	-	1	0.7	8.2		Teignmouth	c bc	b	69	50	-	-	6.7	8.0
	Brighton	bc	c o	67	48	-	-	5.3	8.0		Torquay	bc bc b	b bc by	70	53	-	-	5.2	?
	Worthing	b bc	c o	69	44	-	-	5.7	9.5		Paignton	bc bcm	bc b	71	48	-	-	9.4	10.2
	Littlehampton	bc	c o m	67	48	-	-	5.0	?		Penzance	bc	bc	66	56	-	-	7.5	10.1
	Portsmouth (S. thea)	-	-	68	45	-	-	4.6	8.2		Newquay	bc b	by	62	66	0.1	-	5.7	10.8
	Bournemouth	-	-	68	41	0.3	-	4.6	8.9		Bude	cd c bc	b	63	53	0.4	-	4.7	10.9
	Ventnor (I. of W.)	-	-	68	54	-	-	5.2	9.6		Ilfracombe	d o c	c bc b	64	58	0.3	-	2.7	9.9
											Weston-s-Mare	oc	bc b	67	54	-	-	-	-

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.									
STATIONS.		WEATHER.				TEMP.		RAIN.		SUN.		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.	
		7h-13h.	13h-18h.	18h-24h.	1h-7h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass. F.	Day. 7h-13h.	Night. 13h-17h.	Hours.	e wet air without rain falling.		f fog.		g gloom.		h hail.	
Renfrew	...	oc bc c	b bc	4-5f	63	40	37	-	trace	8.3		m mist.		o overcast sky.		p passing showers.		q squalls.	
Esksdalemuir	...	oc bc c	bc b	w bc bc	63	33	28	-	trace	7.4		r rain.		rs sleet, i.e., rain and snow together.		s snow.		t thunder.	
Valencia (Cahire's)	...	bc c	bc c	op o	62	38	33	-	1	7.6		u ugly, threatening sky.		v unusual visibility.		w dew.		x hoar frost.	
Baldonnel	...	oc c o	bc c	op o	64	46	-	-	1	9.5		y dry air; humidity less than 60 per cent.		z dust haze; the turbid atmosphere of dry weather.					
Didsbury	...	oc bc c	bc bc	bc bc	64	41	34	-	trace	6		Capital letters indicate intensity, and repetition of letters continuity, thus:-		R = heavy rain.		rr = continuous moderate rain.		r.r. = continuous light rain.	
Ross on Wye	...	oc bc c	bc bc	bc bc	71	37	33	-	3.9										
Falmouth	...	oc bc c	bc bc	bc bc	67	49	43	-	9.1										
Calshot (Hants)	...	oc bc c	bc bc	bc bc	67	48	43	-	4.1										
Lymington (Folkestone)	...	oc bc c	bc bc	bc bc	70	52	49	1	trace	7.2									
Aberdeen	...	oc bc c	bc bc	bc bc	64	48	39	-	4.1										
Howden	...	oc bc c	bc bc	bc bc	66	41	35	-	1.2										
Cranwell (Lincs)	...	oc bc c	bc bc	bc bc	63	46	-	-	0.6										
Felixstowe	...	oc bc c	bc bc	bc bc	67	50	44	-	8										
Shoeburyness	...	oc bc c	bc bc	bc bc	71	50	47	0.2	6.2										
Benson	...	oc bc c	bc bc	bc bc	65	39	34	-	8										
S. Farnborough	...	oc bc c	bc bc	bc bc	67	45	38	-	3.4										
London (Kew Obs.)	...	oc bc c	bc bc	bc bc	66	43	39	-	3.1										
Croydon	...	oc bc c	bc bc	bc bc	69	49	-	-	trace	*									

LONDON. OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).				TABLE SHOWING THE GREENWICH TIME SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.					
Morning.		Weather.		Night.	Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %									
		Afternoon.								15 h. G.M.T.	9 h. G.M.T.								
24 HOURS ENDED ON G.M.T. 14th										YESTERDAY.		TO-DAY.							
														Vertical Component of Solar Radiation per Square Centimetre during yesterday.					
Greenwich (Royal Observatory)	co	p. o. c. c		o p. a. b	73	51	42	1	4.0	61	87								
City (Rushhill Row)	"	"		"	"	"	"	"	2.2	"	"								
Westminster (St. James's Park)	"	"		"	70	50	41	-	3.3	68	84								
												Total 745		Joules.					
														Milliwatts.					
Camden Sq. (British Rainfall)	bc	b. c. c		"	72	50	45	-	"	65	85								
Kensington Palace	b. bc	o b. c		"	69	48	41	-	"	71 (18h)	87	Average Rate. 16.2							
Hampstead Observatory	"	"		"	67	49	"	-	4.6	"	92	Maximum Rate. 59							
												14th & 15th September 1920.							
												Stations.		Sunrise.		Noon.		Sunset.	
														G.M.T.		G.M.T.		G.M.T.	
												Yarmouth...		5.27 5.28		11.47 11.48		6.11 6.9	
												Greenwich		5.35 5.36		11.55 12.8		6.17 6.15	
												Wick		6.41 6.43		12.7 12.37		6.32 6.29	
												Valencia ...		8.15 8.16		12.37 12.36		6.57 6.57	

Photographic Record of Pole Star (Polaris) and of 8 Ursae Minoris at Greenwich Observatory.										NOTES ON THE WEATHER OF YESTERDAY.									
Stations.		Duration of Exposure.		Duration of Record.		h. m.		h. m.		There were showers during the day in many parts of England and a good deal of rain fell during the night in the West of Ireland. Most districts enjoyed several hours of sunshine, Scilly recording as much as 11 hours. Temperature rose somewhat above 70° at some Southern stations but the night was locally very cool, Eskdalemuir reporting a ground frost.									
Polaris		9.0		5.20		6.0		6.0											
8 Ursae Minoris		9.0		3.52		4.3		4.3											

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

No. B21.482

Wednesday, 15th September 1920.

TEMPERATURE.		ENDED 7A. 15.
Max. F.	Min. F.	
73	57	
74	66	
81	69	
81	64	
77	57	
84	64	
80	60	
74	66	
82	72	
77	66	
81	64	
88	63	
88	73	
84	68	

Weather.	Sea
	0-2

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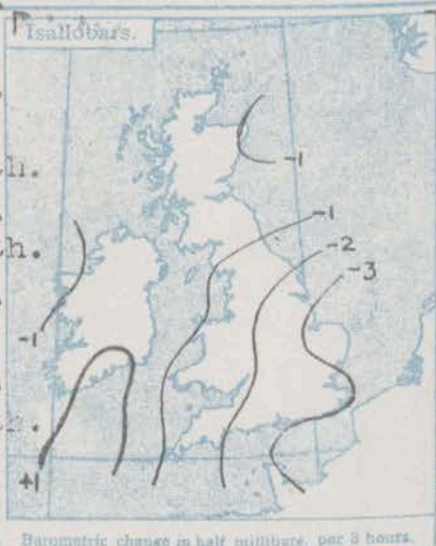
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OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.																																		
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.						
			Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.							
12H. G.M.T. 14 th																																		
Renfrew ...	1017.4	-5	SE	2	bc	53	92	6	750	St.	10	-	-	4	1007.3	-3	SW	2	bc	57	97	4	2000	Nb	10	-	-	-	4					
Eskailemuir ...	1014.7	-4	SE	3	bc	54	85	6	2000	St.	5	-	-	4	1010.4	-5	SW	4	bc	52	97	3	750	Nb	10	-	-	-	4					
Valencia (Cahire's)	1012.3	0	SW	3	bc	54	92	6	750	St.	10	-	-	4	1012.9	0	NW	2	bc	58	95	8	2000	St.	6	bc	3	4	4					
Baldonnel ...	1011.4	-3	SW	5	bc	53	85	6	4500	St.	3	bc	4	4	1010.5	-1	SW	5	bc	52	92	6	4500	St.	10	-	-	-	4					
Didsbury ...	1017.7	-4	SW	4	bc	53	85	8	3000	Nb	3	bc	7	4	1014.7	-4	SW	4	bc	56	85	4	2000	Nb	10	-	-	-	4					
Ross on Wye ...	1020.0	-2	NW	4	bc	54	75	6	2000	Nb	3	bc	7	4	1016.7	-3	SW	3	bc	58	75	8	2000	Nb	6	bc	4	4	4					
Falmouth ...	1021.2	-2	SW	4	bc	53	75	8	2000	St.	4	bc	4	4	1018.9	-2	SW	5	bc	60	92	6	-	St.	8	bc	1	4	4					
Calshot (Hants) ...	1020.8	-2	NW	3	bc	52	65	8	4200	St.	4	bc	4	3	1019.1	-1	NW	3	bc	59	75	8	5700	St.	9	bc	1	4	4					
Lympe (Folkestone)	1020.1	0	N	2	bc	51	75	5	1250	St.	6	bc	1	4	1018.8	-2	SW	2	bc	58	75	6	9000	St.	7	bc	2	4	4					
Aberdeen ...	1013.6	-4	S	3	bc	55	85	5	1250	St.	10	-	-	2	1009.7	-4	S	4	bc	53	72	4	1250	Nb	10	-	-	-	3					
Howden ...	1017.6	-2	SE	3	bc	54	85	5	3000	St.	5	bc	2	4	1014.8	-3	S	2	bc	53	75	5	3000	St.	10	-	-	-	4					
Cranwell (Lines)	1019.4	-2	N	3	bc	53	75	6	3000	St.	6	-	-	4	1017.1	-2	SW	2	bc	58	75	6	4200	St.	10	-	-	-	4					
Felixstowe ...	1020.0	-1	SE	3	bc	54	75	7	4200	St.	1	-	-	1	1018.3	-2	S	4	bc	60	85	7	5700	St.	10	-	-	-	4					
Shoeburyness ...	1019.9	0	SE	1	bc	54	85	6	7200	St.	1	-	-	4	1017.9	-1	NW	1	bc	60	85	4	5700	St.	4	bc	3	4	4					
Benson ...	1019.1	-3	N	3	bc	54	45	7	-	St.	5	bc	2	4	1018.3	-1	SW	1	bc	58	85	7	-	St.	10	-	-	-	4					
S. Farnborough	1020.1	-1	NW	3	bc	57	65	7	4200	St.	2	bc	3	4	1018.8	-2	SW	1	bc	61	75	7	4200	St.	6	bc	3	4	4					
London (Kew Obs.)	1019.9	-2	NW	2	bc	54	65	6	4200	St.	3	bc	1	4	1018.6	-2	SW	2	bc	61	65	8	5700	St.	4	bc	4	4	4					
Croydon ...	1020.5	-1	N	1	bc	53	75	6	3000	St.	4	bc	5	4	1019.1	-1	NW	1	bc	59	65	7	-	St.	-	bc	8	4	4					
1H. G.M.T. OF 15 th																																		
Renfrew ...	1008.9	0	N	1	bc	52	85	7	-	St.	5	bc	4	4	1008.1	0	-	0	bc	48	92	3	2000	St.	9	-	-	-	4					
Eskailemuir ...	1012.6	0	NNE	2	bc	55	85	7	-	St.	5	bc	4	4	1008.6	-1	N	1	bc	48	95	7	2000	St.	1	bc	9	4	4					
Baldonnel ...	1011.5	0	N	2	bc	52	92	5	750	St.	9	-	-	4	1013.1	0	N	3	bc	54	75	8	2000	St.	4	bc	3	4	4					
Didsbury ...	1017.7	-4	SW	4	bc	53	85	8	3000	Nb	3	bc	7	4	1014.7	-4	SW	4	bc	56	85	4	2000	Nb	10	-	-	-	4					
Ross on Wye ...	1020.0	-2	NW	4	bc	54	75	6	2000	Nb	3	bc	7	4	1016.7	-3	SW	3	bc	58	75	8	2000	Nb	6	bc	4	4	4					
Falmouth ...	1021.2	-2	SW	4	bc	53	75	8	2000	St.	4	bc	4	4	1018.9	-2	SW	5	bc	60	92	6	-	St.	8	bc	1	4	4					
Calshot (Hants) ...	1020.8	-2	NW	3	bc	52	65	8	4200	St.	4	bc	4	3	1019.1	-1	NW	3	bc	59	75	8	5700	St.	9	bc	1	4	4					
Lympe (Folkestone)	1020.1	0	N	2	bc	51	75	5	1250	St.	6	bc	1	4	1018.8	-2	SW	2	bc	58	75	6	9000	St.	7	bc	2	4	4					
Aberdeen ...	1013.6	-4	S	3	bc	55	85	5	1250	St.	10	-	-	2	1009.7	-4	S	4	bc	53	72	4	1250	Nb	10	-	-	-	3					
Howden ...	1017.6	-2	SE	3	bc	54	85	5	3000	St.	5	bc	2	4	1014.8	-3	S	2	bc	53	75	5	3000	St.	10	-	-	-	4					
Cranwell (Lines)	1019.4	-2	N	3	bc	53	75	6	3000	St.	6	-	-	4	1017.1	-2	SW	2	bc	58	75	6	4200	St.	10	-	-	-	4					
Felixstowe ...	1020.0	-1	SE	3	bc	54	75	7	4200	St.	1	-	-	1	1018.3	-2	S	4	bc	60	85	7	5700	St.	10	-	-	-	4					
Shoeburyness ...	1019.9	0	SE	1	bc	54	85	6	7200	St.	1	-	-	4	1017.9	-1	NW	1	bc	60	85	4	5700	St.	4	bc	3	4	4					
Benson ...	1019.1	-3	N	3	bc	54	45	7	-	St.	5	bc	2	4	1018.3	-1	SW	1	bc	58	85	7	-	St.	10	-	-	-	4					
S. Farnborough	1020.1	-1	NW	3	bc	57	65	7	4200	St.	2	bc	3	4	1018.8	-2	SW	1	bc	61	75	7	4200	St.	6	bc	3	4	4					
London (Kew Obs.)	1019.9	-2	NW	2	bc	54	65	6	4200	St.	3	bc	1	4	1018.6	-2	SW	2	bc	61	65	8	5700	St.	4	bc	4	4	4					
Croydon ...	1020.5	-1	N	1	bc	53	75	6	3000	St.	4	bc	5	4	1019.1	-1	NW	1	bc	59	65	7	-	St.	-	bc	8	4	4					
7H. G.M.T. OF 15 th																																		
Renfrew ...	1008.9	0	N	1	bc	52	85	7	-	St.	5	bc	4	4	1008.1	0	-	0	bc	48	92	3	2000	St.	9	-	-	-	4					
Eskailemuir ...	1012.6	0	NNE	2	bc	55	85	7	-	St.	5	bc	4	4	1008.6	-1	N	1	bc	48	95	7	2000	St.	1	bc	9	4	4					
Baldonnel ...	1011.5	0	N	2	bc	52	92	5	750	St.	9	-	-	4	1013.1	0	N	3	bc	54	75	8	2000	St.	4	bc	3	4	4					
Didsbury ...	1017.7	-4	SW	4	bc	53	85	8	3000	Nb	3	bc	7	4	1014.7	-4	SW	4	bc	56	85	4	2000	Nb	10	-	-	-	4					
Ross on Wye ...	1020.0	-2	NW	4	bc	54	75	6	2000	Nb	3	bc	7	4	1016.7	-3	SW	3	bc	58	75	8	2000	Nb	6	bc	4	4	4					
Falmouth ...	1021.2	-2	SW	4	bc	53	75	8	2000	St.	4	bc	4	4	1018.9	-2	SW	5	bc	60	92	6	-	St.	8	bc	1	4	4					
Calshot (Hants) ...	1020.8	-2	NW	3	bc	52	65	8	4200	St.	4	bc	4	3	1019.1	-1	NW	3	bc	59	75	8	5700	St.	9	bc	1	4	4					
Lympe (Folkestone)	1020.1	0	N	2	bc	51	75	5	1250	St.	6	bc	1	4	1018.8	-2	SW	2	bc	58	75	6	9000	St.	7	bc	2	4	4					
Aberdeen ...	1013.6	-4	S	3	bc	55	85	5	1250	St.	10	-	-	2	1009.7	-4	S	4	bc	53	72	4	1250	Nb	10	-	-	-	3					
Howden ...	1017.6	-2	SE	3	bc	54	85	5	3000	St.	5	bc	2	4	1014.8	-3	S	2	bc	53	75	5	3000	St.	10	-	-	-	4					
Cranwell (Lines)	1019.4	-2	N	3	bc	53	75	6	3000	St.	6	-	-	4	1017.1	-2	SW	2	bc	58	75	6	4200	St.	10	-	-	-	4					
Felixstowe ...	1020.0	-1	SE	3	bc	54	75	7	4200	St.	1	-	-	1	1018.3	-2	S	4	bc	60	85	7	5700	St.	10	-	-	-	4					
Shoeburyness ...	1019.9	0	SE	1	bc	54	85	6	7200	St.	1	-	-	4	1017.9	-1	NW	1	bc	60	85	4	5700	St.	4	bc	3	4	4					
Benson ...	1019.1	-3	N	3	bc	54	45	7	-	St.	5	bc	2	4	1018.3	-1	SW	1	bc	58	85	7	-	St.	10	-	-	-	4					
S. Farnborough	1020.1	-1	NW	3	bc	57	65	7	4200	St.	2	bc	3	4	1018.8	-2	SW	1	bc	61	75	7	4200	St.	6	bc	3	4	4					
London (Kew Obs.)	1019.9	-2	NW	2	bc	54	65	6	4200	St.	3	bc	1	4	1018.6	-2	SW	2	bc	61	65	8	5700	St.	4	bc	4	4	4					
Croydon ...	1020.5	-1	N	1	bc	53	75	6	3000	St.	4	bc	5	4	1019.1	-1	NW	1	bc	59	65	7	-	St.	-	bc	8	4	4					
STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.																																		
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		WEATHER.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.													
			Dir.	Force 0-12.		at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.														
18H. G.M.T. OF 14 th																							7H. G.M.T. OF 15 th							24 HOURS ENDED 7H. 15 th			14 th	
Lerwick	1011.4	53	SE	4	bc	1006.3	0	51	+1	-	0	-	bc	0	4	56	46	bc	bc	omr	4													
Stornoway	1003.3	55	SE	5	orm	1006.4	+1	48	-4	N	2	-	0	1	4	57	45	cr	orm	odmo	0.0													
Castletown (Barrals)	1004.1	54	N	4	op	1007.3	0	51	?	WSW	2	-	op	2	4	57	49	op	r.ap	beocp	0.0													
Malin Head	1008.9	54	N	4	cp	1008.1	0	52	+2	N	2	-	cp	2	1	61	50	bc	cp	c	1.9													
Blackod Point	1008.9	56	N	2	c	1008.9	-1	51	-7	SW	2	-	bc	2	6	63	50	omgr	c	omc	?													

SUMMARY OF CONDITIONS AT 7 h.G.M.T. 15/9/1920.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.	Temperature reported from Coastal and Cross Channel Steamers.				
				Position Number	Date	Time G.M.T.	Sea °F	Air °F
1. S.E. England	Dull, misty; some rain.	Fair	Mod.	5	14 ^h	0730	55	55
2. E. England	Dull; rain and mist.	"	Slight.	3	14 ^h	0925	56	55
3. E. Midlands	Dull; rain and mist.	"	-	1	14 ^h	1150	60	61
4. W. Midlands	Dull; rain and mist.	Indiff.	-	6	14 ^h	1425	61	64
5. S.W. England	Dull; some rain or drizzle.	"	R. Rough.	2	15 ^h	0115	56	56
6. South Wales	Overcast.	V. Good	"	7	15 ^h	0200	60	60
7. North Wales	Dull, gloomy.	Good	Smooth.	12	15 ^h	0252	53	52
8. N.W. England	Dull; some rain.	Indiff.	Slight.	4A	15 ^h	0255	56	58
9. N. Midlands	Dull; some rain.	"	-	5	15 ^h	0420	60	59
10. N.E. England	Cloudy; some rain & mist.	"	Smooth.		15 ^h	0730	54	53
11. E. Scotland	Cloudy to dull; misty.	Good	"					
12. S.W. Scotland	Overcast; local fog.	Indiff.	V. Smooth.					
13. Isle of Man	Dull, misty.	"	Slight.					
14. N. & N.W. Scotland	Dull, local mist.	Good	V. Smooth.					
15. Hebrides	Dull, local mist.	"	Smooth.					
16. Orkneys and Shetlands	Fair to cloudy.	"	Calm.					
17. N.W. Ireland	Fair to cloudy.	"	Smooth.					
18. N.E. Ireland	Cloudy; local mist.	"	V. Smooth.					
19. S.E. Ireland	Fine to cloudy.	"	Mod.					
20. S.W. Ireland	Fine to fair.	V. Good	"					



GENERAL INFERENCE from observations received up to 9h. G.M.T.
The secondary depression now over England will move Eastward causing rain over the Southern and Eastern districts, but the improvement in its rear will probably have become general by tomorrow morning. Further disturbances may, however, be anticipated during the next few days.

EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of two millibars.
WIND.—Direction is shown by the arrow pointing in the direction of the wind. Force, on the scale of 0-12, is indicated by the number of feathers. Mean velocity is shown in feet per hour by figures in small circles.
TEMPERATURE.—Temperature is given in degrees F.
WEATHER SYMBOLS.—
☉ sky & clear.
☁ sky & cloudy.
☂ overcast sky.
❄ snow.
☁ fog.
☁ thunder.
☁ rain.
☁ high wind.
☁ low wind.

Forecasts for the 24 hours commencing 15h G.M.T. Wednesday, 15th September, 1920.

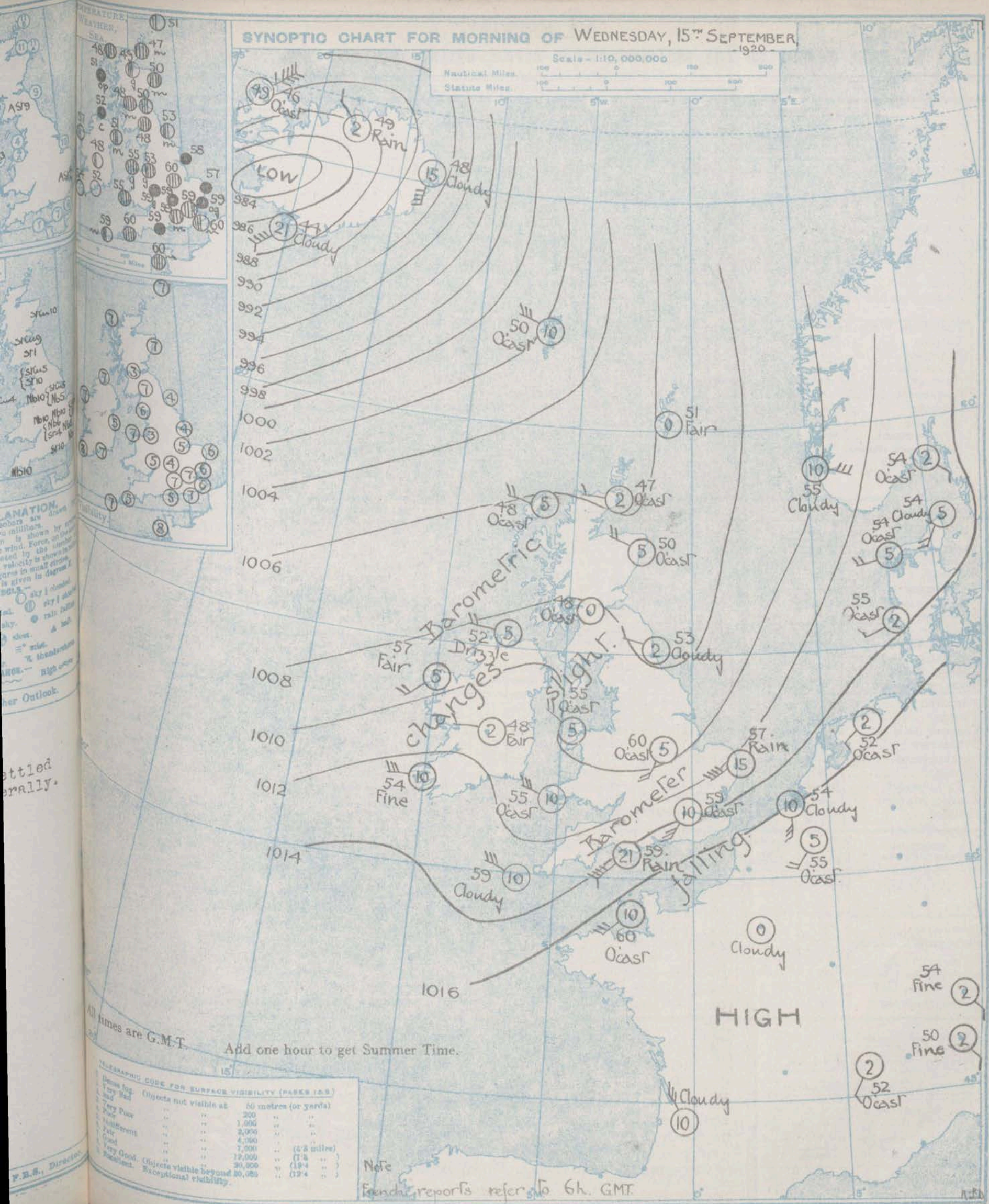
Districts.	Forecast.
1. S.E. England	Wind S.W., fresh, veering to N.W. and moderating; rainy, improving temporarily on Thursday, visibility fair; temperature moderate.
2. E. England	
3. E. Midlands	
4. W. Midlands	Wind N.W., backing later, light or moderate; mainly fair at first, probably some rain later, visibility good; moderate temperature.
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	Light winds, mainly Westerly; cloudy, some rain or showers, perhaps thunder, visibility indifferent to fair; temperature moderate.
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	Winds between S. and W., light or moderate; fair at first, probably some rain later, visibility fair; temperature moderate.
19. S.E. Ireland	
20. S.W. Ireland	

Unsettled generally.

SYNOPTIC CHART FOR MORNING OF WEDNESDAY, 15TH SEPTEMBER, 1920

Scale - 1:10,000,000

Nautical Miles
Statute Miles



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 555.

Wednesday
16th September

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 15th																			
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-19h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-19h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.
Scotland.	Oban ...	or		58	45	-	8	0.0	3.4	England, N.W.	Douglas (I.O.M.)	*	*	57	43	-	7	0.1	6.3
	Banff ...	bc.c	odr	63	47	1	1	1.0	7.7		Blackpool ...	bc.c		61	46	-	2	0.6	6.2
	Montrose ...	bc	or	56	39	-	1	0.0	4.6		Southport ...	c.c	or.o	61	47	-	2	1.2	6.3
	St. Andrews ...			57	39	-	2	0.0	7.4		Morecambe			60	43	-	1	1.3	5.8
England, N.E.	Harrogate ...	bc.b.c	c.op	62	44	-	0.1	3.5	3.4	Midlands.	Buxton ...	bc.c	bc.r	60	44	-	0.1	2.4	2.5
	Scarborough ...	b	o	69	49	-	-	4.3	1.7		Leamington Spa...	c.c.b	cd.c	64	46	-	-	3.6	0.3
	Skegness ...	bc.o	c.o.d	63	48	3	-	5.8	0.6		Malvern ...	c	c	62	48	-	2	3.6	2.6
	Lowestoft ...	c.bc	bc.c	61	54	-	-	6.4	6.4		Bath ...	b.bc.c.c	c.c	65	43	-	-	2.8	1.9
England, E.	Felixstowe ...	om	bc	63	53	-	-	5.9	6.9	Wales.	Rhyl ...	bc.p.c	cf	59	44	-	3	1.1	3.1
	Southend-on-Sea...	o	c.o	67	60	-	-	2.7	6.6		Colwyn Bay ...			59	46	-	2	0.8	5.1
											Llandudno ...	o	b	63	46	-	9	1.5	6.5
											Aberystwyth ...	c.b.o	or.r	59	47	-	1	0.0	7.7
England, S.E.	Tunbridge Wells	om	bc.b.bc	67	49	-	-	2.5	5.9	England, S.W.	Tenby ...	c.o	or	67	47	-	-	3.6	6.4
	Margate ...	bc	b.bc.c	62	57	-	-	3.6	7.4		Swansea ...			63	47	-	0.1	2.6	2.9
	Ramsgate ...	*	*	64	54	0.2	-	4.1	7.3		Weymouth ...	bc	bc	66	51	-	-	2.1	6.6
	Folkestone ...	f.o	c	66	54	-	-	1.6	7.2		Teignmouth ...	m.b.c.c	c.bc.c	64	51	-	-	1.8	7.3
	Hastings ...	f.c.bc	b.bc.c	64	52	-	-	5.7			Torquay ...	c	c	63	51	-	-	2.1	6.1
	Eastbourne...	o	c.bc.c	64	51	-	-	4.4	5.7		Paignton ...	bc	c.bc.c	65	47	-	-	3.6	9.7
	Brighton ...	c.bc	bc	65	50	-	-	5.1	6.3		Penzance ...	c.b.o	bc.c	64	51	-	-	3.0	8.3
	Worthing ...	c.bc.b	b	64	50	-	-	7.5	5.7		Newquay ...	ab	b.o	63	49	-	-	2.4	6.4
	Littlehampton ...	bc	bc	67	53	-	-	5.6	5.4		Bude ...	c.c.b.c	c	66	49	-	-	1.1	6.7
	Portsmouth (Sithes)	*	*	65	50	-	-	6.2	4.6		Ilfracombe ...	o	c.c.o	65	54	-	-	3.5	3.3
	Bournemouth ...	*	*	66	48	-	-	5.3	4.5		Weston-s-Mare ...	c.bc	c.bc	67	46	-	-		
	Ventnor (I. of W.)	*	*	67	50	-	-	5.0	5.2										

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										Sun. Hours.
	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	RAINFALL.			
	7h-13h.	13h-18h.	18h-19h.	1h-7h.				Day. 7h-18h.	Night. 18h-7h.		
Renfrew ...	p.csf	dd.czf	pd.b.o	bcc.o	59	44	38	3	1	0.0	
Eskdalemuir ...	bc.c	dd.rr	rr.o	o	56	38	43	6	6	0.0	
Valencia (Cahire'n)	bc.c	o	o	bcc.w	64	50	44	2	-	0.1	
Baldonnel ...	q.rr	r.o	o	c.w	65	48	-	6	trace	2.0	
Didsbury ...	or.ov	rr	rr.rr	or.rr	63	47	34	1	15	*	
Ross on Wye...	bc.c	bc.c	bc.c	bc.c	64	40	52	1	4	4.1	
Falmouth ...	c.o	c.o	c.o	c.o	66	52	59	-	4	2.1	
Calshot (Hants)...	b.c	o	o	o	64	58	*	-	2	5.1	
Lympne (Folkestone)	bc.c	bc.c	bc.c	bc.c	62	52	49	trace	0.3	3.0	
Aberdeen ...	or.rr	or.rr	or.rr	or.rr	56	49	42	2	-	0.1	
Howden ...	bc.c	bc.c	bc.c	bc.c	66	45	43	-	6	3.3	
Cranwell (Lincoln)	bc.c	bc.c	bc.c	bc.c	66	50	*	0.3	3	5.5	
Felixstowe ...	bc.c	bc.c	bc.c	bc.c	63	55	*	4	4	*	
Shoeburyness ...	bc.c	bc.c	bc.c	bc.c	66	54	53	-	2	2.8	
Benson ...	bc.c	bc.c	bc.c	bc.c	69	45	52	0.1	2	*	
S. Farnborough ...	bc.c	bc.c	bc.c	bc.c	69	49	52	-	10	5.3	
London (Kew Obs.)	bc.c	bc.c	bc.c	bc.c	66	52	53	-	2	4.5	
Croydon ...	bc.c	bc.c	bc.c	bc.c	67	50	*	-	2	*	

BEAUFORT NOTATION.	
b	blue sky (not more than a quarter covered).
bc	sky partly cloudy (one half covered).
c	generally cloudy (three quarters covered).
d	drizzle, or fine rain.
e	wet air without rain falling.
f	fog.
g	gloom.
h	hail.
i	lightning.
m	mist.
o	overcast sky.
p	passing showers.
q	squalls.
r	rain.
rs	sleet, i.e., rain and snow together.
s	snow.
t	thunder.
u	ugly, threatening sky.
v	unusual visibility.
w	dew.
x	hoar frost.
y	dry air; humidity less than 60 per cent.
z	dust haze; the turbid atmosphere of dry weather.

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

THE BEAUFORT SCALE WIND FORCE.		
Used only for surface observations.		
No.	Limits of Velocity at about 30 feet above ground.	
	Statute miles per hour.	Metres per second.
0	Less than 1	0.3-1.5
1	1-8	1.6-3.8
2	4-7	5.4-8.4
3	8-12	5.5-7.9
4	13-18	8.0-10.7
5	19-24	10.8-13.8
6	25-31	13.9-17.1
7	32-38	17.2-20.7
8	39-46	20.8-24.4
9	47-54	24.5-28.4
10	55-63	28.5-35.4
11	64-76	35.5-43.0
12	Above 76	43.6 or above

SYMBOLS—	
Auroora	☆ Solar halo
Rime	⊥ Lunar halo
Glazed frost	☉ Solar corona
Glazed roads	☾ Lunar corona

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).									
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
		Morning.	Afternoon.	Night.	Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	Hours.	Hours.			Morning.	Afternoon.	Night.	Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	Hours.	Hours.
24 HOURS ENDED 9h G.M.T. 15th										YESTERDAY. TO-DAY.									
Greenwich (Royal Observatory)		bc.c	bc.b.c	or.or	69	55	49	5	49	53	93								
City (Bunhill Row)		*	*	*	*	*	*	*	4.7	*	*								
Westminster (St. James's Park)		*	*	or	67	55	51	5	4.7	52	93								
Camden Sq. (British Rainfall)		oc	c	*	70	55	52	6	*	51	97								
Kensington Palace		o bc	bc.c	*	68	55	49	5	*	57 (18h)	97								
Hampstead Observatory		*	*	*	65	52	*	6	4.8	*	99								

Photographic Record of Pole Star (Polaris) and of 3 Ursae Minoris at Greenwich Observatory.										NOTES ON THE WEATHER OF YESTERDAY.									
Exposure from 14.19.30 to 15.4.30										Except locally on the South Coast rain fell very generally. In the Western districts the precipitation was heavy, reporting 21mm. The morning and afternoon were mainly fair in the East and South, and several hours of sunshine were recorded. Temperature was generally moderate; the highest reading being 69° at Greenwich and South Farnborough.									
Stars.	Duration of Exposure.	Duration of Record.																	
Polaris	9.0	1.32																	
3 Ursae Minoris	9.0	0.56																	

* Information for these columns not usually received.

ON:

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. BRV. 450.

Thursday 10th September 1920.

RECORDED 7h. 10.

TEMPERATURE.

Max. F.

Min. F.

75 59

79 63

81 69

75 61

79 57

76 76

75 68

79 72

79 64

88 61

84 66

86 66

Weather.

Sea.

0-9.

0-9.

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

STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud		Sea	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud		Sea
			Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				0-9.	Dir.						Force 0-12.	Form.	Amt. 0-10.	0-9.	
13H. G.M.T. 15 th														18H. G.M.T. OF 15 th														
Renfrew ...	1008.6	0	WEN	3	OT	56	88	7	3.000	ST. Cu	9	-	-	*	1009.0	+2	WEN	3	OT	57	88	6	2.000	Nb	9	-	-	*
Eskdalemuir ...	1008.8	0	H	1	OT	53	88	7	3.000	CU. NB	8	-	-	*	1009.3	+1	WEN	2	OT	52	78	8	-	ST. Cu	5	-	-	*
Valencia (Cahire's)	1013.7	0	H	4	C	58	78	8	2.000	CU	4	0.5	3	4	1013.1	-1	WEN	2	0	55	75	8	3.000	ST.	2	0.5	7	3
Baldonnel ...	1011.9	0	H	3	C	57	78	6	2.000	ST. Cu	5	A. Cu	2	*	1011.5	0	WEN	3	0	54	75	8	4.200	ST. Cu	3	A. ST.	6	*
Didsbury ...	1010.6	+2	H	3	OT	57	88	4	2.000	ST. Cu	10	-	-	*	1011.4	+1	H	3	C3	54	75	4	-	-	CU	8	-	*
Ross on Wye ...	1010.7	+1	NNW	4	C	62	78	8	3.000	ST. Cu	5	A. Cu	2	*	1012.5	+2	H	2	OT	56	75	9	3.000	ST.	2	A. ST.	8	*
Falmouth ...	1013.7	+1	NW	4	C	64	78	7	-	ST. Cu	7	-	-	*	1014.1	+1	NNW	2	0	57	85	7	-	ST. Cu	2	0.5	7	*
Calshot (Hants) ...	1013.3	-2	SW	4	OT	61	92	6	750	ST.	10	-	-	4	1012.6	0	WEN	3	0	61	97	7	750	ST.	10	-	-	2
Lymington (Folkestone)	1014.0	-2	SW	6	C3	63	78	8	1250	ST.	5	0.5	4	*	1014.0	0	SW	5	0	59	88	8	750	ST.	10	-	-	*
Aberdeen ...	1007.3	0	SE	2	OT	56	78	7	2.000	Nb	10	-	-	2	1007.5	0	SW	1	OT	51	92	4	4200	ST. Cu	3	-	-	2
Howden ...	1009.3	H	H	2	C1f	58	88	4	3.000	ST.	6	A. ST.	4	*	1010.3	+2	H	2	C1f	54	85	5	4200	ST.	3	C1. ST.	4	*
Cranwell (Lines)	1009.4	-1	NNW	4	OT	57	97	7	1.250	Nb	10	-	-	*	1011.5	+2	NNW	3	C1f	56	85	6	2.000	ST. Cu	6	CU	3	*
Felixstowe ...	1013.7	-1	S	0	0	62	88	7	2.000	ST. Cu	10	-	-	*	1012.7	0	S	4	0	61	92	7	1250	ST.	10	-	-	3
Shoeburyness ...	1012.1	-1	SW	4	C	65	78	7	3.000	ST. Cu	5	A. Cu	3	*	1012.4	-1	SW	4	0	60	92	6	2.000	CU	6	A. ST.	4	*
Benson ...	1011.7	-2	SW	4	OT	62	92	4	-	Nb	10	-	-	*	1012.1	H	NNW	1	0	60	85	6	-	ST.	10	-	-	*
S. Farnborough ...	1012.8	-1	SW	4	OT	62	92	6	1.250	Nb	10	-	-	*	1012.5	0	SW	2	0	61	92	7	2.000	ST. Cu	10	-	-	*
London (Kew Obs.)	1012.4	-2	SW	4	0	64	78	8	3.000	ST. Cu	7	A. ST.	3	*	1012.2	0	SW	2	OT	62	92	5	2.000	ST. Cu	9	A. Cu	1	*
Croydon ...	1013.6	-1	SW	4	C1f. do	62	92	7	1.250	Nb	8	A. ST.	2	*	1013.0	0	SW	2	C1f. do	60	97	7	750	Nb	10	-	-	*
1H. G.M.T. OF 16 th														7H. G.M.T. OF 16 th														
Renfrew ...	1011.1	-1	-	0	b3fw	35	92	2	-	-	-	-	-	*	1007.7	-1	-	0	C1f	40	97	2	750	ST.	8	C1. Cu	2	8
Eskdalemuir ...	1011.1	-1	-	0	b3fw	35	92	2	-	-	-	-	-	*	1008.3	-4	-	0	OW	42	97	7	2.000	ST.	7	A. ST.	3	*
Valencia (Cahire's)	1010.9	-4	-	0	OT	52	-	-	-	-	-	-	-	0	1002.6	-6	S	2	OT	52	95	8	2.000	ST.	10	-	-	3
Baldonnel ...	1011.0	-2	-	0	0	46	92	6	3.000	ST.	10	-	-	*	1006.7	-2	SSE	2	C	43	95	7	-	-	-	A. ST.	7	*
Didsbury ...	-	-	-	-	-	-	-	-	-	-	-	-	-	*	1007.7	-4	E	1	OT	46	97	2	-	-	-	A. ST.	10	-
Ross on Wye ...	-	-	-	-	-	-	-	-	-	-	-	-	-	*	1007.9	-3	NNW	1	OT	44	97	5	750	ST.	10	-	-	*
Falmouth ...	-	-	-	-	-	-	-	-	-	-	-	-	-	*	1007.4	-4	NNW	1	OT	50	92	8	-	CU. N	1	CU. N	1	*
Calshot (Hants) ...	1012.2	-3	NNW	1	b3fw	50	97	6	-	-	-	A. ST.	5	*	1006.9	-5	NNE	3	OT	53	97	4	750	ST.	10	-	-	2
Lymington (Folkestone)	1011.5	-4	-	0	OT	56	95	7	2.000	ST.	10	-	-	1	1007.5	-5	SSW	4	OT	58	92	7	4500	Nb	10	-	-	*
Aberdeen ...	1011.3	-4	SW	3	OT	58	97	5	750	Nb	10	-	-	*	1007.5	-5	SSW	4	OT	58	92	7	4500	Nb	10	-	-	*
Howden ...	-	-	-	-	-	-	-	-	-	-	-	-	-	*	1007.3	0	-	0	C1f	42	97	3	4700	ST. Cu	7	-	-	2
Cranwell (Lines)	1011.2	-2	-	0	b3fw	42	97	3	-	-	-	-	-	*	1009.3	-3	-	0	OT	43	97	2	750	ST.	10	-	-	*
Felixstowe ...	1012.4	-2	NNW	1	b	47	97	5	3.000	ST.	3	-	-	*	1009.0	-5	NNW	1	OW	46	97	4	4200	ST. Cu	7	A. ST.	3	*
Shoeburyness ...	-	-	-	-	-	-	-	-	-	-	-	-	-	*	1007.9	-3	N	2	OT	55	97	3	750	ST.	10	-	-	2
Benson ...	-	-	-	-	-	-	-	-	-	-	-	-	-	*	1006.4	-4	SSE	1	OT	57	92	4	2.000	CU. N	10	-	-	*
S. Farnborough ...	-	-	-	-	-	-	-	-	-	-	-	-	-	*	1006.2	-4	-	0	OT	51	92	3	-	ST.	10	-	-	*
London (Kew Obs.)	-	-	-	-	-	-	-	-	-	-	-	-	-	*	1006.4	-5	SW	1	OT	53	97	6	1250	Nb	10	-	-	*
Croydon ...	1011.3	-1	-	-	-	-	-	-	-	-	-	-	-	*	1006.9	-4	NB	1	OT	55	92	2	750	Nb	10	-	-	*
-	1012.4	-2	-	0	OT	56	97	5	750	Nb	10	-	-	*	1007.9	-5	-	0	OT	54	97	2	4500	Nb	10	-	-	*

STATIONS CONTRIBUTING REPORTS AT 7h. AND 12h.

STATIONS.	BAROM. at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.
	mb.	°F.	Direc.	Force 0-12.		at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Direc.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	
	12h. G.M.T. of 15 th					7h. G.M.T. of 16 th					24 HOURS ENDED 7h. 16 th					15 th					
Lerwick	1008.0	53	-	0	bc	1007.0	0	47	-4	-	0	-	bm	0	-	55	43	c	bc	cm	*
Stornoway	1006.3	51	WSW	1	C	1005.3	0	43	-5	-	0	-	cm	0	5	53	40	op	c.p.c	cm	1.3
Castell Bay (Barrals)	1007.3	51	WSW	3	bc	1004.3	-1	47	-4	-	0	-	C	1	1	55	46	p.b.c.ac	c.p.bc	bc.b	4.7
Malin Head	1007.7	51	N	3	bcp	1005.2	-2	45	-7	SW	2	SW	C	3	4	56	43	cp	op	bc	4.5
Blackhead Point	1008.6	54	N	3	bc	1002.6	-6	50	-1	SE	3	-	bc	3	1	58	49	cm	bc	bc	*
Roche's Point...	1012.9	56	N	3	0	1005.3	-6	54	+2	SSE	3	SW	C	3	1	61	47	b.o	c.o.p.o	ob.ec	*
Burr Castle	1011.5	55	W	1	C	1005.1	-	44	-4	S	1	S	bc	-	1	60	43	cp	c	bc	8.0
Donaghadee	1010.1	54	NNW	2	bc	1007.1	-3	45	-6	-	0	-	cm	0	1	62	43	bc	bcp	bcm	*
Liverpool (Blanton)	1011.2	54	N	2	0	1006.3	-4	50	-3	SE	2	-	om	2	-	60	48	op	b.bc.o	om	3.7
Holyhead	1011.2	57	WSW	3	bc	1006.3	-5	50	-5	SE	3	-	og	1	-	61	50	ac.tc	bc.c.bc	b.b.c	6.5
Femilbroke (St. Ann's Head)	1013.6	58	WSW	3	ov	1006.7	-4	54	-1	SSE	1	S	cp.g	2	0.2	59	54	c.b.c.v	bv.b.c.v	ov.cog	6.4
Skilly (St. Mary's)	1014.9	58	NW	2	bc	1008.0	-4	54	-5	WSW	1	W	bc	3	0.2	62	54	c.b	b.bc	cp.bc	5.9
Portsey (St. Aubin)	1014.9	62	WSW	3	cp	1008.0	-1	57	-3	NNW	3	-	or	3	2.0	68	56	a.b.c	c.ad.op	op.or	2.5
Portland Bill	1013.8	61	N	3	0	1007.2	-6	58	-1	N	2	-	0	3	3	62	56	omr	r.m.o	o	*
Dunagness	1013.3	61	SW	0	C	1007.2	-4	60	0	SSW	4	SW	C	4	3	64	58	c.t.c	c	c.p.c	*
Wick	1008.0	52	NNW	1	C	1004.9	-2	43	-4	W	1	-	bm	0	-	56	38	om.c	c	c.bm	*
Nairn	1008.1	53	N	1	C	1006.5	-	40	-9	-	0	-	bc	0	0.4	60	38	c.bc	bc.c.p.g	cp.b.c	4.5
Leith	1008.0	52	W	2	C	1007.7	0	43	-7	W	1	W	cm	1	-	61	40	cuc.bc	c.bc	c.bw.mc	*
Tynemouth	1008.6	57	N	1	bc.g	1008.3	-2	47	-6	W	1	-	f	1	-	61	45	bc	bc	b.bcm	*
Sparra Head	1010.7	55	NNW	3	c.g.m	1008.1	-4	52	-6	NNW	2	-	ogm	2	4	61	49	orm	c.g.m	bm.om	*
Yarmouth	1011.2	63	SW	4	0	1008.4	-4	53	-4	NE	4	-	of.r	2	3	65	53	omp.om	om	omp.or	0.0
Claughton-on-Sea	1012.3	61	SW	4	0	1006.8	-6	55	-4	NW	2	-	ogmr	1	7	64	55	og.r.c	c.o.g.	ogmr	1.0
Nottingham	1011.4	57	N	2	cm	1008.2	-	45	-15	-	0	-	fe	*	4	63	42	r.o.p	c.p.c	c.bc	0.4

Temperature reported from Coastal and Cross Channel Steamers

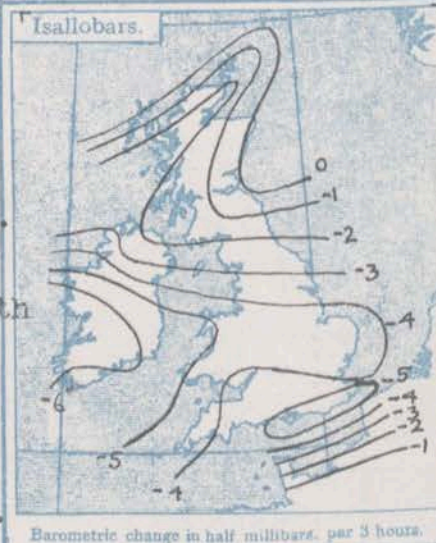
CHART OF
POSITION
NUMBERS
and
Upper
Cloud

C4
C4-1
C4-2
AS10
AS13
AS15

WATER, SEA

43 40 47 70 45 42 50 54 50 54 50

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



Lower Cloud.

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EXPLANATION.

Barometer. — Isobars are drawn at intervals of two millibars.

Direction of Force, by the arrow.

Force, by the number.

Stability

EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of two millibars.
WIND.—Direction is shown by arrows flying with the wind. Force, on the 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.
 ☉ sky 1 cloud.
 ☁ sky 4 cloud.
 ☁☁ overcast sky. ☁☁☁ rain falling.
 ☁☁☁☁ snow. ☁☁☁☁ mist.
 ☁☁☁☁☁ fog. ☁☁☁☁☁ thunder.
 ☁☁☁☁☁☁ T under.
SEA DISTURBANCES.—
 Rough ~~~~~ High ~~~~~

Further Outlook.

A secondary depression over England and the Channel and another depression that is spreading over our western districts from the Atlantic will cause a prolongation of the unsettled weather. Occasional rain, with much cloud generally, appears probable for some days.

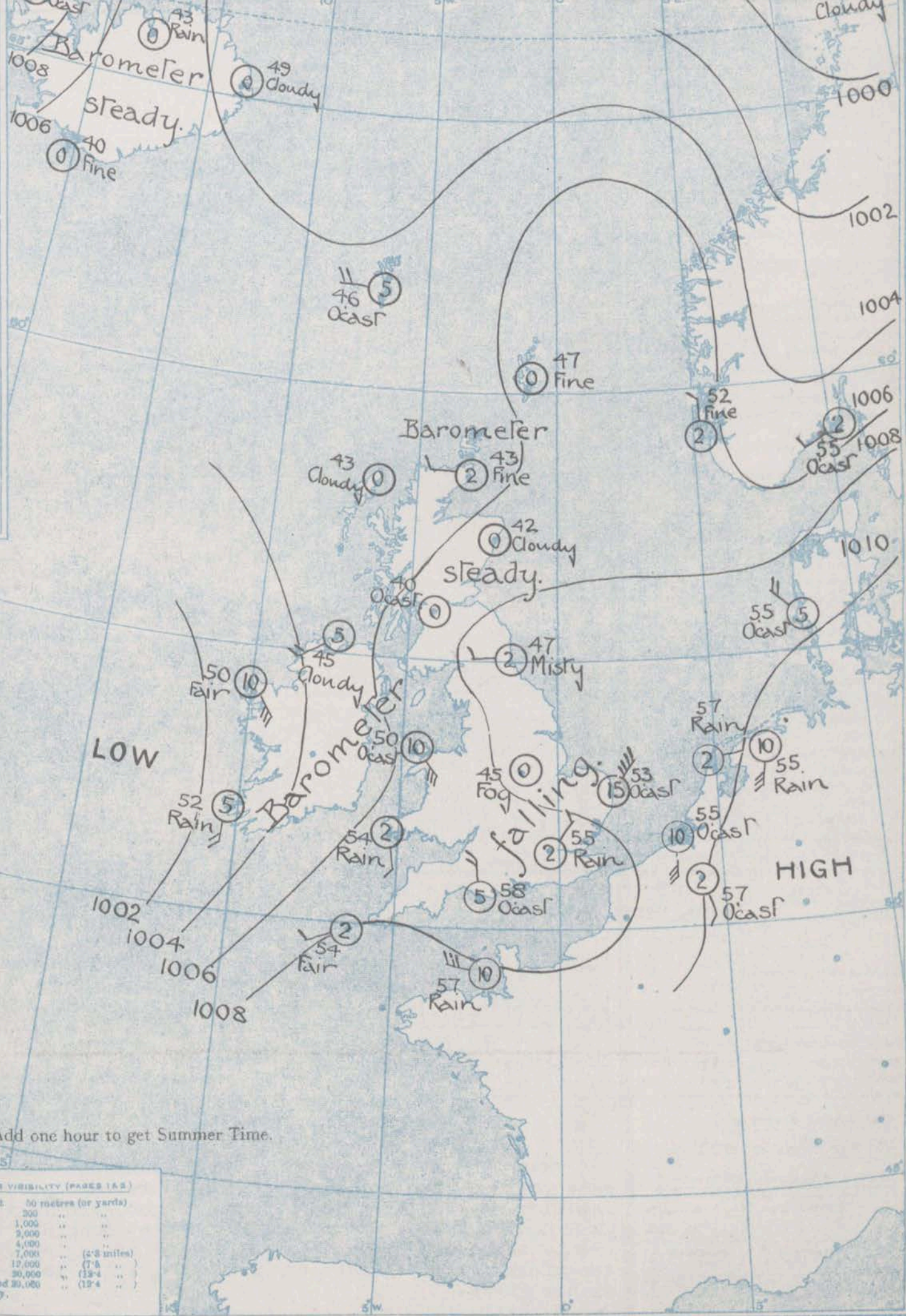
Districts.	Forecasts for the 24 hours commencing 15h. GMT. Thursday, 16th September, 1920.
1. S.E. England	wind becoming between S and S.W., light or moderate. Much cloud rain at times, Mist locally, Visibility. Indifferent to fairer. Moderate temperature.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	wind from some Southerly point, light or moderate, Much cloud, some rain, mist in many places. Visibility indifferent Temperature, rising a little.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	wind between S.W and S.E; light, cloudy or dull, some rain, then improving. Mist locally Visibility, indifferent to fair. Moderate temperature.
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	wind S to S.W. or W; moderate, fresh locally, Dull, some rain, then improving. Visibility: Indifferent to fair.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Continuing
unsettled,
Rain at times.

Scale - 1:10,000,000

Nautical Miles

Statute Miles



ming
tled,
at times.

WEATHERING CODE FOR SURFACE VISIBILITY (PAGES 1A2)	
1. Dense fog	000
2. Very Bad	000
3. Bad	000
4. Very Poor	000
5. Poor	000
6. Indifferent	000
7. Fair	000
8. Good	000
9. Very Good	000
10. Excellent	000
Objects visible beyond 30,000	
Exceptional visibility.	

FABRIC CODE FOR SURFACE VISIBILITY (PAGES 1&2)			
Very Bad		Objects not visible at	50 metres (or yards)
Very Poor	1		200
Difficult	2		1,000
Indifferent	3		2,000
Fair	4		4,000
Good	5		7,000
Very Good	6		12,000
Excellent	7	Objects visible beyond	30,000
		Exceptional visibility.	30,000

Thursday
16th September

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 16 th SEP.																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.
						14 th 15 th	15 th	15 th	14 th							14 th 15 th	15 th	15 th	14 th
Scotland.	Oban	o.c.	bc.c	58	46	1	-	3.0	0.0	England, N.W.	Douglas (L.O.M.)	*	*	60	50	9	-	2.6	0.1
	Banff	bc.c	bc.c	57	49	1	0.3	3.8	1.0		Blackpool	or.	bc.c	61	54	9	0.2	0.5	1.2
	Montrose	o	bc.p	55	50	1	2	2.2	0.0		Southport	c.o.c	c.bc	59	54	7	-	4.3	1.3
	St. Andrews	*	*	60	48	1	-	3.7	0.0		Morecambe			61	54	5	-	5.3	
England, N.E.	Harrogate	o	c.c.b.c	60	53	5	-	2.0	3.6	Midlands.	Buxton	r.c	r.c.b.c	56	52	25	0.2	0.4	2.4
	Scarborough	ok.	c	64	56	7	1	0.1	4.3		Leamington Spa...	or	or	67	50	6	3	0.0	3.6
	Skegness	ob	p.p.o	65	55	8	10	0.7	5.8		Malvern								
	Lowestoft	ob	c.o.c	64	56	2	0.3	0.1	6.4		Bath	p.o	p.a.c.bc	65	53	1	1	1.4	2.8
England, E.	Felixstowe	ob	c	65	57	3	1	1.3	5.9	Wales.	Rhyl	p.o	c.bc	62	53	8	-	2.2	0.8
	Southend-on-Sea...	or.o.c	c.o	65	53	3	1	1.5	2.7		Colwyn Bay	-	-	67	54	10	0.3	3.6	0.8
											Llandudno	cp	c.bc	60	53	25	-	3.6	0.7
											Aberystwyth	r.a.c	c.o	60	55	25	-	4.9	0.7
England, S.E.	Tunbridge Wells	or.o.c	c.or	62	55	4	1	1.5	2.3	England, S.W.	Tenby	c.bc.c	bc	62	56	25	-	4.8	0.6
	Margate	or	c	65	55	2	1	1.2	3.6		Swansea	-	-	64	52	23	-	0.2	4.7
	Ramsgate	*	*	63	54	1	2	0.6	4.1		Weymouth	r.o.c	c.c	66	59	12	0.4	2.3	2.1
	Folkestone	or.o	c.c	63	56	0.3	1	1.4	1.6		Teignmouth	or.o.c	bc.c.o	67	60	2	1	3.2	1.5
	Hastings										Torquay	or.o	c.bc.c.o	66	59	4	1	3.1	2.1
	Eastbourne	or.o	c.o.c	65	58	0.3	2	0.8	4.6		Paignton	or.op	bc.o	68	67	4	-	4.3	3.0
	Brighton	r.o.c.o	c.o	62	54	2	2	0.1	5.2		Penzance	or.c	c	63	59	4	-	3.4	2.4
	Worthing	ro	or	61	58	2	2	0.0	7.8		Newquay	ogm.bv	c.b.d	61	57	4	-	3.0	1.1
	Littlehampton	r.b.c.m	r	66	58	4	2	0.0	5.5		Bude	r.o.c	c.bc.c	62	58	15	-	4.0	3.6
	Portsmouth (Sithon)	*	*	63	54	5	-	0.1	6.2		Ilfracombe	c.o.bc	bc.cm	64	58	7	-	2.0	
	Bournemouth	*	*	62	53	4	1	0.0	3.5		Weston-s-Mare	r.c	bc.b.bc	64	59	5	4		
	Ventnor (I. of W.)	*	*	64	57	?	0.3	0.0	0.0										

SUMMARY FOR PAST 24 HOURS.										BEAUFORT NOTATION.									
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUN.		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.	
		7h-13h.	13h-18h.	Max. °F.	Min. °F.	Day. 7h-13h.	Night. 13h-18h.	Hours.	Hours.										
Renfrew ...	...	o.o	c.o.r	60	36	31	0.2	0.1	5.2	f fog.		g gloom.		h hail.		i lightning.		m mist.	
Eskdalemuir ...	...	o.o	bc.c	57	34	29	0.3	1	3.7	n usual visibility.		p passing showers.		q squalls.		r rain.		s snow.	
Valencia (Cahire'n)	...	bc.c	c.o	59	50	48	-	7	5.1	t thunder.		u ugly, threatening sky.		v unusual visibility.		w dew.		x hoar frost.	
Baldonnel ...	...	bc.c	c.o	61	42	2	2	10	8.0	y dry air, humidity less than 60 per cent.		z dust haze; the turbid atmosphere of dry weather.							
Didsbury ...	...	or	c.o	60	43	35	1	-	4	Capital letters indicate intensity, and repetition of letters continuity, thus:-									
Ross on Wye...	...	or	c.o	56	42	40	4	-	1.4	R = heavy rain.									
Falmouth ...	...	o.o	c.o	64	43	42	2	-	4.6	rr = continuous moderate rain.									
Calshot (Hants)...	...	ob	c.o	62	53	3	5	0.0	0.0	r.r = continuous light rain.									
Lymington (Folkestone)	...	ob	c.o	64	56	36	2	10	0.5										
Aberdeen ...	...	o.o	c.o	57	40	30	1	2	0.5										
Howden ...	...	o.o	c.o	60	39	24	-	-	0.5										
Cranwell (Lincs)...	...	o.o	c.o	62	44	4	-	-	0.0										
Felixstowe ...	...	o.o	c.o	65	54	4	4	1	0.0										
Shoeburyness ...	...	o.o	c.o	67	55	35	1	10	2.0										
Benson ...	...	o.o	c.o	64	50	45	2	-	0.0										
S. Farnborough ...	...	o.o	c.o	63	52	51	3	2	0.0										
London (Kew Obs.)	...	o.o	c.o	65	54	34	3	7	0.0										
Croydon ...	...	o.o	c.o	63	54	4	2	11	0.0										

LONDON. OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).			TABLE SHOWING THE GREENWICH TIME FOR STATIONS SUNRISE, NOON AND SUNSET IN THE UNITED KINGDOM.						
Morning.		Weather.	Night.	Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	Humidity %										
		Afternoon.							10 h. G.M.T.	0 h. G.M.T.									
24 HOURS ENDED 9h G.M.T. 16 th								YESTERDAY.		TO-DAY.									
Greenwich (Royal Observatory)		07.0	07.0	08.0	65	53	53	20	0.3	89	97	Vertical Component of Solar Radiation per Square Centimetre during yesterday							
City (Bunhill Row)		"	"	"	64	55	51	19	0.0	89	100								
Westminster (St. James's Park)		"	"	"	64	55	51	19	0.0	89	100	Total 386 Joules.							
Camden Sq. (British Rainfall)		07.0.07	07	"	65	53	53	19	"	93	99	Milliwatts.							
Kensington Palace		07	0.007.0	"	64	53	53	17	"	94 (18h)	100	Average Rate. 8.5							
Hampstead Observatory		"	"	"	62	51	"	14	0.0	"	80	Maximum Rate. 33							
												16 th & 17 th September 1900							
												Stations.		Sunrise.		Noon.		Sunset.	
												G.M.T.		G.M.T.		G.M.T.		G.M.T.	
												Yarmouth...		03.0 0.31		11.48 11.56		6.0 6.10	
												Greenwich		03.8 0.30		11.20 12.7		6.28 6.50	
												Wick		0.47 0.18		12.30 12.36		6.54 6.52	
												Valencia		0.0		12.36		6.52	

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

Exposure from 15.....h.....m.
to 16.....h.....m.

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

NOTES ON THE WEATHER OF YESTERDAY.

Rain fell very generally, the amount exceeding 10 mm. in some parts of England and reaching 20 mm. at Jersey. Bright sunshine records were moderate or slight generally, but as high as 8 hours at Birr Castle and 8.6 hrs at Douglas. Temperature rose to about 65° over a large portion of England. In Scotland the minima of the night were low, and slight local frost occurred on the grass.

ON:



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. 24178. FRIDAY, 17th SEPTEMBER, 1920.

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

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.																														
STATIONS.	BAROM. at M.S.L. mb.	1 Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	HUMIDITY. %	VISIBILITY 0-9.	HEIGHT of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM. at M.S.L. mb.	1 Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	HUMIDITY. %	VISIBILITY 0-9.	HEIGHT of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.		
			Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.			
13H. G.M.T. OF 16 th																														
Renfrew ...	10037	-4	ESE	1	C	55	65	5	3,000	cu	4	asc	3	4	9994	-2	-	0	0	52	85	5	3,000	sc	9	-	-	-	*	
Eskdalemuir ...	10035	-4	SE	3	C	54	65	7	2,000	cu	5	asc	3	4	10002	-4	-	0	0	48	85	6	2,000	sc	5	asc	3	-	*	
Valencia (Cahire's) ...	9998	-1	WSW	5	C	68	75	8	2,000	cu	6	cu	1	4	9987	0	WSW	5	bc	54	75	8	3,000	cu	5	-	-	-	4	
Baldonnel ...	10013	-3	SE	3	0	57	65	7	2,000	sc	9	-	-	4	9965	-4	SSW	3	0	51	85	6	750	sc	10	-	-	-	*	
Didsbury ...	10031	-5	-	0	0	54	65	6	5,700	cu	6	asc	3	4	10000	-3	SSE	2	0	55	75	4	7,200	sc	6	asc	3	-	*	
Ross on Wye ...	10072	-3	WSW	3	bc	62	65	6	4,200	cu	3	cu	3	4	10013	-3	SW	3	9.4	53	92	7	1,250	nb	8	asc	1	-	*	
Falmouth ...	10050	-4	SSW	6	0	58	85	6	-	cu	7	-	-	4	10033	-1	SW	6	bc	56	75	8	-	cu	5	-	-	-	*	
Calshot (Hants) ...	10054	0	WSW	4	C	61	85	8	5,700	cu	4	asc	3	3	10045	0	WSW	4	C	59	75	8	3,000	sc	7	-	-	-	3	
Lymington (Folkestone) ...	10043	-2	SW	5	0	60	82	8	750	sc	9	-	-	4	10054	+1	SW	3	b	54	75	8	3,000	sc	1	asc	1	-	*	
Aberdeen ...	10053	-3	SSE	2	0	53	75	8	9,000	-	-	asc	10	2	10019	-2	S	1	bc	51	85	6	2,000	sc	2	asc	2	-	2	
Howden ...	10035	-6	-	0	0	58	75	8	?	?	?	?	?	4	10005	-3	ESE	2	c	51	92	6	3,000	cu	4	asc	4	-	*	
Cranwell (Lincs) ...	10043	-2	NE	1	C	56	85	5	3,000	cu	7	-	-	4	10023	-1	SSW	2	b	52	92	5	4,200	sc	1	ci	1	-	*	
Felixstowe ...	10041	-4	-	0	0	55	97	7	3,000	sc	10	-	-	1	10044	0	SW	3	b	53	85	6	-	-	asc	2	-	-	1	
Shoeburyness ...	10033	-5	SW	1	bc	62	85	7	3,000	sc	6	-	-	4	10038	0	SSW	2	b	58	75	6	3,000	sc	1	-	-	-	4	
Benson ...	10033	-3	WSW	3	C	61	85	6	-	cu	7	-	-	4	10031	-1	SSW	3	0	56	75	8	-	sc	3	-	-	-	4	
S. Farnborough ...	10045	0	W	3	C	60	75	7	4,200	cu	6	asc	2	4	10043	0	SSW	4	b	57	75	7	4,200	cu	2	asc	1	-	*	
London (Kew Obs.) ...	10042	-2	WSW	3	C	59	75	5	2,000	cu	6	asc	2	4	10037	-1	SW	3	b	59	65	8	4,200	sc	1	asc	1	-	*	
Croydon ...	10050	-1	W	4	0	60	85	5	1,250	nb	9	-	-	4	10051	+1	SW	3	b	56	65	8	4,200	cu	1	asc	1	-	*	
1H. G.M.T. OF 17 th																														
Renfrew ...	9994	-45	SSE	3	0	47	56	-	-	-	-	-	-	4	9996	+2	WSW	4	0	46	85	7	1,250	nb	10	-	-	-	*	
Eskdalemuir ...	9998	0	WSW	6	bc	50	85	8	-	-	-	-	-	5	9980	0	SSW	3	C	50	85	8	3,000	cu	3	ci	5	-	*	
Valencia (Cahire's) ...	9974	+1	W	4	b	48	92	5	3,000	sc	2	-	-	4	9982	+1	SSW	4	b	47	85	8	2,000	sc	2	asc	1	-	*	
Baldonnel ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Didsbury ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	10004	+2	SSW	4	bm	47	85	6	4,200	cu	1	-	-	-	4
Ross on Wye ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	10036	+2	SW	3	0	50	85	6	2,000	nb	8	asc	1	-	*
Falmouth ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	10047	0	SW	2	C	52	92	7	-	cu	7	ci	1	-	*
Calshot (Hants) ...	10045	0	SW	6	bq	53	75	7	-	sc	1	-	-	4	10061	+3	WSW	3	0	58	75	8	3,000	cu	9	-	-	-	4	
Lymington (Folkestone) ...	10043	0	WSW	4	b	55	85	7	3,000	sc	3	-	-	4	10076	+4	WSW	3	cu	49	92	9	2,000	cu	5	ci	2	-	*	
Aberdeen ...	10047	-2	SW	3	bc	52	97	8	1,250	nb	5	-	-	4	10076	+4	WSW	3	cu	49	92	9	2,000	cu	5	ci	2	-	*	
Howden ...	-	-	-	-	-	-	-	-	-	-	-	-	-	4	9964	0	-	0	45	92	4	2,000	sc	10	-	-	-	-	2	
Cranwell (Lincs) ...	9975	-2	SSW	2	C	49	97	6	3,000	sc	3	asc	4	4	9997	+3	SSW	3	b	46	97	5	3,000	sc	2	asc	1	-	*	
Felixstowe ...	10018	0	SSW	3	0	50	92	5	3,000	sc	8	asc	2	4	10012	+2	SW	4	b	49	92	7	-	-	asc	1	-	-	*	
Shoeburyness ...	-	-	-	-	-	-	-	-	-	-	-	-	-	4	10067	+4	SSW	4	b	54	85	7	-	-	ci	1	-	-	2	
Benson ...	-	-	-	-	-	-	-	-	-	-	-	-	-	4	10059	+3	SW	3	b	54	85	7	-	-	ci	1	-	-	*	
S. Farnborough ...	-	-	-	-	-	-	-	-	-	-	-	-	-	4	10044	+3	SSW	3	b	50	85	7	-	-	cu	1	ci	1	-	*
London (M.O. at 1h) ...	-	-	-	-	-	-	-	-	-	-	-	-	-	4	10061	+2	SW	3	b	51	85	7	4,200	cu	1	ci	2	-	*	
Croydon ...	10034	0	-	-	-	55	-	-	-	-	-	-	-	4	10060	+4	SSW	3	b	53	85	8	2,000	cu	1	ci	2	-	*	
-	10046	-2	WSW	3	0	52	85	7	750	sc	9	-	-	4	10068	+3	WSW	3	bc	53	75	6	-	-	ci	4	-	-	*	

STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.

STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.
			Direc.	Force 0-12.		Temp. °F.	Change in 24 hours.	Direc.	Force 0-12.	Max. °F.	Min. °F.					Morning.	Afternoon.	Night.			
18H. G.M.T. of 16 th						7H. G.M.T. of 17 th						24 HOURS ENDED 7H. 17 th						16 th			
Lerwick	10042	51	-	0	om	999.6	-3	30	+3	NE	3	-	c	1	Trace	55	45	b.	om p	bc	4
Stornoway	10002	53	SSE	1	b	996.5	0	49	+5	ENE	2	-	bc	1	-	56	41	c. bc.	bc. b	b. bc	95
Castlebay (Barra)	998.5	52	E	3	b	994.6	0	49	+2	ENE	3	-	cm	3	0.4	55	47	c. bc.	bc. b.	b. bc	76
Malin Head	994.2	53	E	4	c	992.8	0	49	+4	SSW	2	-	bc	2	1	57	44	c	c	cp	59
Blacksod Point	993.1	52	W	4	om	993.9	0	50	0	W	1	-	bc	1	13	53	57	om p	om p	om bc	•
Roche's Point	999.0	54	W	4	bc	999.6	0	50	-4	SW	2	-	o	3	7	57	49	c. p.	o. p. bc	b. bc	•
Birr Castle	995.9	52	SW	2	c	997.2	•	45	+1	SW	1	-	bc	•	7	58	43	cor	odr	cp bc	4.4
Donaghadee	998.3	54	SE	4	c. g. m	997.2	+2	44	-1	WSW	2	-	bm	1	8	59	43	om	bc	om r	•
Liverpool (Bidston)	999.2	53	SSW	1	•	999.8	+2	47	-3	SSE	2	-	b	2	2	59	47	o. c	o. p.	o. p. b	2.3
Holyhead	997.1	53	S	5	o. g.	997.5	+1	52	+2	WSW	4	-	bc	3	7	59	50	o. c. p.	o. c. p.	cp. bc	2.3
Pembroke (St. Ann's Head)	999.8	58	SW	5	bc. g. p. v	1001.7	-1	54	0	WSW	5	-	bc. g. p. v	5	10	58	54	c. p. v.	o. g. p. v.	cp. p. v.	2.0
Silly (St. Mary's)	1003.8	53	W	5	bc	1004.3	-1	55	+1	W	5	-	bc	6	8	61	55	bc. g. p.	bc. p. g.	cp. g. bc	4.2
Jersey (St. Aubin)	1007.8	62	SW	3	bc	1009.5	+1	58	+1	SW	4	-	bc	3	1	64	56	r. b. o. p. b.	bc	b. bc	7.3
Portland Bill	1003.8	53	SW	6	c. p.	1005.0	+3	58	0	WSW	6	-	o. g. p.	6	7	62	53	o. b.	bc	o. g. p.	•
Dungeness	1005.3	59	SW	4	b	1006.4	+3	56	-4	SW	5	-	bc. p.	5	7	63	51	c. r. c.	bc. b.	bc. bc	•
Wick	1000.8	51	S	1	bc	996.7	-1	37	-6	WNW	1	-	b	1	-	54	35	bm. bc.	bc	b.	•
Nairn	999.8	51	E	1	bc	995.8	-	38	-2	-	0	-	cg	0	-	56	33	bc	bc. v.	bc. x. c.	9.5
Leith	999.6	52	SW	1	r	999.3	-1	48	+5	WSW	1	-	r	1	2	56	42	m. c. c.	cod. om.	ood. m.	•
Tynemouth	1001.5	52	SE	1	om p	996.5	+1	49	+2	SW	2	-	bc. m.	2	4	55	46	om.	om. p.	om. r	•
Spurn Head	1002.4	55	-	0	c	1001.9	+3	51	-1	SW	5	-	bc. g.	3	1	58	43	gg. m. e. p.	c	bc. g.	•
Yarmouth (Gos. Light)	1003.0	56	WSW	1	bc	1003.7	+1	50	-3	SW	4	-	bc. v.	3	20	58	50	gg. m. e. p.	b	b. bc.	0.0
Clacton-on-Sea	1003.3	59	WSW	3	bc	1005.9	+4	53	-2	WSW	4	-	bc	3	7	61	52	gg. m. e. p.	c. u. bc. g.	bc. bc.	3.0
Nottingham	1001.2	55	S	1	c	1001.6	•	48	+3	SSW	2	-	b	•	1	62	45	fp. o. c.	c. m.	cop. b	3.6

SUMMARY OF CONDITIONS AT 7 h.G.M.T. 17.9.1920.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.	Temperature reported from Coastal and Cross Channel Steamers.				
				Position Number	Date	Time G.M.T.	Sea °F	Air °F
1. S.E. England	Fair to cloudy; local (showers)	Good	R. Rough	5	16 ^h	0725	55	53
2. E. England	Fine	"	Slight	3	16 ^h	0925	56	56
3. E. Midlands	Fine	"	-	1	16 ^h	1130	60	53
4. W. Midlands	Fine to cloudy	Fair	-	6	16 ^h	1425	61	62
5. S.W. England	Fair to dull; local	Good	Rough	2	17 ^h	0100	55	54
6. South Wales	Fair, showery, (showers)	V. Good	R. rough	7	17 ^h	0205	59	57
7. North Wales	Fair (squally)	Good	Slight	12	17 ^h	0254	52	50
8. N.W. England	Fine to cloudy, squally	Fair	Moderate	4A	17 ^h	0320	56	54
9. N. Midlands	Fine to cloudy	"	-	8	17 ^h	0425	60	57
10. N.E. England	Fair, squally	Indiff	Smooth					
11. E. Scotland	Dull, misty, some rain	Poor	"					
12. S.W. Scotland	Fair to dull	Good	"					
13. Isle of Man	Fair to cloudy	"	"					
14. N. & N.W. Scotland	Fair to cloudy, local mist	Good	V. Smooth					
15. Hebrides	Fair to cloudy	V. Good	Smooth					
16. Orkneys and Shetlands	Fair to cloudy	V. Good	V. Smooth					
17. N.W. Ireland	Fair.	V. Good	Smooth					
18. N.E. Ireland	Fine to fair, slight mist	V. Good	"					
19. S.E. Ireland	Fine or fair to Dull	V. Good	Slight					
20. S.W. Ireland	Fair or cloudy to Dull	V. Good	R. Rough					

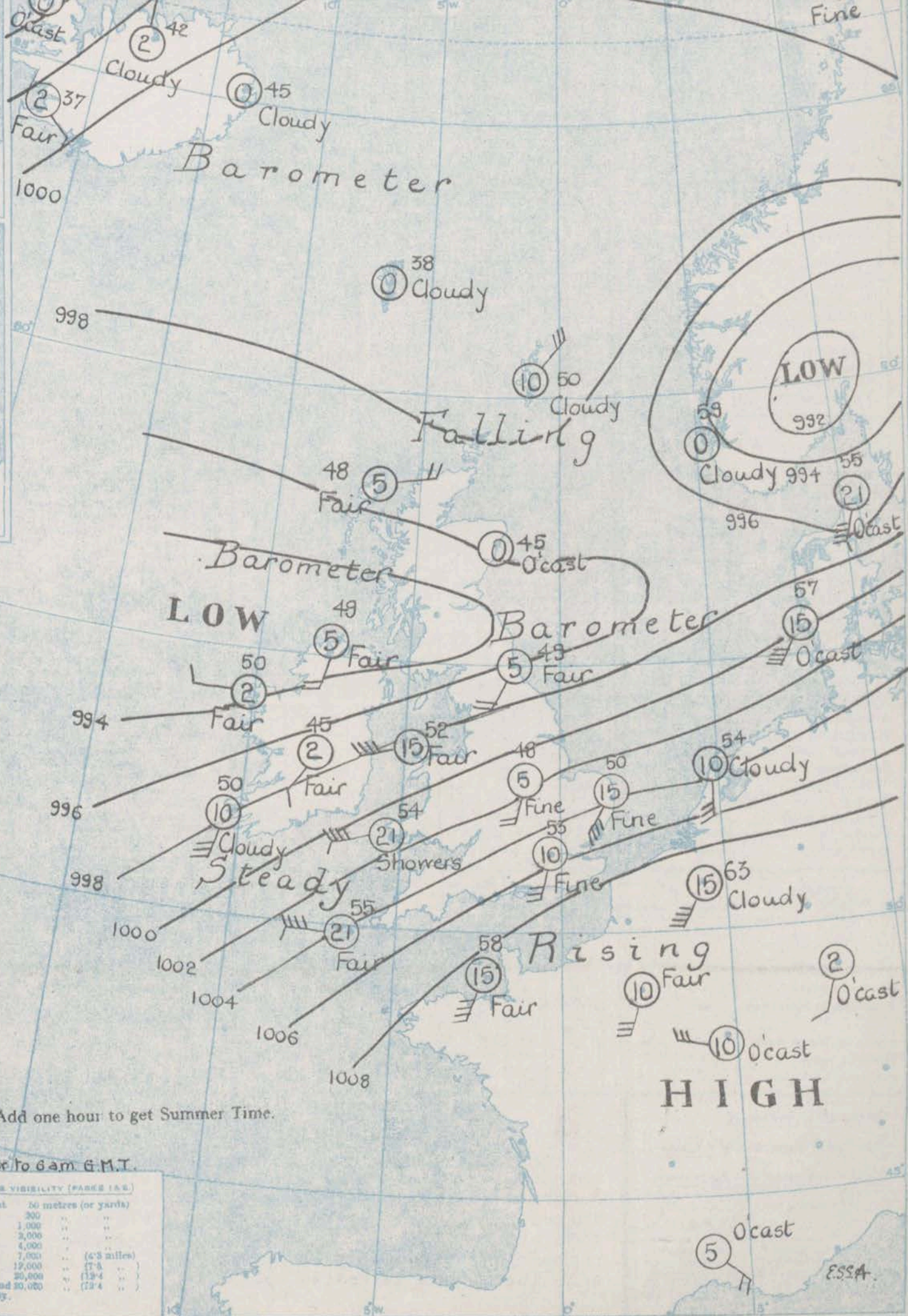


GENERAL INFERENCE from observations received up to 9h. G.M.T.

The depression lying over Scotland will probably decrease in intensity and move slowly Northward. Further depressions and secondaries are likely to maintain unstable conditions, though bright intervals are probable.

Districts.	Forecast for the 24 hours commencing 15h. G.M.T. Friday, 17th September, 1920.
1. S.E. England	Wind mainly from S.W., moderate or fresh; variable sky, much cloud at times, bright intervals, local rain or showers; visibility, mainly good; temperature moderate.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Light variable winds; changeable, some rain, bright intervals
12. S.W. Scotland	visibility, fair; rather cold.
13. Isle of Man	As for 1 - 10.
14. N. & N.W. Scotland	
15. Hebrides	As for 11.
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	Winds between S and W, moderate; mainly fair at first, probably rain later, visibility good, then deteriorating; temperature moderate.
19. S.E. Ireland	
20. S.W. Ireland	

Changeable, bright intervals, rain at times.



Add one hour to get Summer Time.

SYMBOLIC CODE FOR SURFACE VISIBILITY (PAGE 1 & 2)	Objects not visible at	50 metres (or yards)
Very Bad	"	300
Poor	"	1,000
Insufficient	"	2,000
Fair	"	4,000
Good	"	7,000
Very Good	"	12,000
Excellent	"	20,000
	Objects visible beyond	30,000
	Exceptional visibility	30,000

ESSA

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No 261...

FRIDAY,
17 SEPTEMBER

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 1920.

STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-19h.	Day. 9h-17h.	to 17h.	Sunrise to Sun- set.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-19h.	Day. 9h-17h.	to 17h.	Sunrise to Sun- set.	
						15°-16°		16°-17°								16°-17°		17°-18°		
Scotland.	Oban									England, N.W.	Douglas (I.O.M.)	*	*	57	44	3	03	24	86	
	Banff	b.b.c.	c.o.c.	56	37	-	-	55	43		Blackpool	a.p.c.			60	48	0.1	02	0.6	6.5
	Montrose	c.b.c.		53	39	-	-	3.8	2.7		Southport	o.c.o.	c.o.c.	60	48	0.3	0.3	1.3	4.3	
	St. Andrews	o.	c	54	36	-	-	2.0	4.4		MORECAMBE.	*	*	56	45	-	-	0.4	8.5	
England, N.E.	Harrogate	o.c.o	c.b.c.o	57	44	-	-	1.1	2.9	Midlands.	Buxton	m.c.b.c	b.c.b	57	40	-	-	3.4	1.1	
	Scarborough	o.	o.	60	47	-	-	0.2	0.1		Leamington Spa...	o	w.b.c	63	43	-	-	4.2	?	
	Skegness	o.d.c	o.c.b	64	46	-	2	1.5	0.7		Malvern	c.	c	61	47	-	-	5.4	1.4	
	Lowestoft	o.p.	c.b.c.	63	52	18	6	0.2	0.1		Bath	b.	b.b.c.o	63	44	-	-	0.4	3.2	
England, E.	Felixstowe	o.p.	c.b	61	54	12	17	2.5	1.3	Wales.	Rhyl	c.	c.o	60	48	-	-	0.7	2.9	
	Southend-on-Sea...	o.p.o	c.b.c	63	53	13	3	3.5	1.5		Colwyn Bay	*	*	58	50	-	-	1.0	3.5	
England, S.E.	Tunbridge Wells	o.p.c	b.c.b	64	55	14	2	4.3	0.8	England, S.W.	Llandudno	*	*	59	50	-	-	0.4	3.5	
	Margate	o.p.	c.b.c.b	65	57	10	2	2.8	1.2		Aberystwyth	o.c.	o.p.p	59	49	-	-	1.3	5.3	
	Ramsgate	*	*	64	55	8	3	3.2	0.5		Tenby	b.c.c.	*	59	47	1	13	0.0	4.8	
	Folkestone	p.o.c	b.c	?	56	7	3	3.5	?		Swansea	*	*	61	49	6	-	7.2	0.2	
	Hastings	o.p.	c.b.c.b	63	56	22	4	3.8	?		Weymouth	b.c.b	b.b.c.c	60	53	-	-	0.2	6.5	
	Eastbourne...	p.o	c.b.c.b	62	57	22	10	4.2	0.8	Teignmouth	b.c	c.p.b.c	64	49	-	-	0.1	6.6		
	Brighton	p.o.b.c	b.c.b	63	57	14	1	6.2	0.1	Torquay	b.b.c	b.c.p.b.c	62	50	-	-	0.3	3.1		
	Worthing	p.o.b.c	b.c.b	63	57	15	6	5.8	0.0	Paignton	b.b.c.	b.c.g	64	48	-	-	5.7	4.3		
	Littlehampton ...	p	b.c	62	59	20	7	6.3	0.0	Penzance	o.c.p	c.p.b.c	63	51	1	3	4.5	3.4		
	Portsmouth (S'bea)	*	*	64	54	16	-	7.1	0.1	Newquay	c.p	b.c.p.b.c	60	47	-	-	5.9	3.0		
	Bournemouth ...	*	*	63	51	2	-	8.0	0.0	Bude	b.c.p	c.p.b.c	61	48	-	-	3.0	4.0		
	Ventnor (I. of W.)	*	*	61	52	15	-	7.2	0.0	Ilfracombe	o.c.p.	c.p.o	60	52	-	-	4.5	2.0		
											Weston-s-Mare ...	b	b.c.o.p	63	46	-	-	-	-	

SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	7h-13h.	13h-18h.	Max. °F.	Min. °F.	Day. 7h-18h.	Night. 18h-7h.	Hours.	Sun.
Renfrew ...	c.p.c.	c.p.c.	57	39	59	39	1.2	
Eskdalemuir ...	c.o.c.	c.o.c.	54	41	38	0.4	1.1	
Valencia (Cahire'a) ...	c.o.c.	c.o.c.	59	48	44	12	4.1	
Baldonnell ...	c.p.c.	c.p.c.	60	42	1	0.2	3.0	
Didsbury ...	c.p.c.	c.p.c.	66	44	36	2	4	
Ross on Wye ...	c.p.c.	c.p.c.	63	44	41	2	4.3	
Falmouth ...	c.p.c.	c.p.c.	61	52	43	6	5.5	
Calshot (Hants) ...	c.p.c.	c.p.c.	63	52	2	2	7.3	
Lympne (Folkestone) ...	c.p.c.	c.p.c.	62	47	43	8	4.0	
Aberdeen ...	c.p.c.	c.p.c.	57	41	38	-	1.0	
Howden ...	c.p.c.	c.p.c.	58	44	38	-	1.6	
Cranwell (Lines) ...	c.p.c.	c.p.c.	59	47	1	1	3.7	
Felixstowe ...	c.p.c.	c.p.c.	62	52	4	4	4	
Shoeburyness ...	c.p.c.	c.p.c.	64	51	46	6	4.0	
Benson ...	c.p.c.	c.p.c.	64	45	39	2	1	
S. Farnborough ...	c.p.c.	c.p.c.	65	48	43	10	5.2	
London (Kew Obs.) ...	c.p.c.	c.p.c.	63	50	43	10	4.7	
Croydon ...	c.p.c.	c.p.c.	64	50	16	0.2	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.
n overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, i.e., rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

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

THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity at about 30 feet above ground.	
	Statute miles per hour.	Meters per second.
0	Less than 1	Less than 0.9
1	1-3	0.3-1.3
2	4-7	1.6-2.8
3	8-13	3.4-6.4
4	14-18	6.5-7.9
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

SYMBOLS.

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

LONDON. OBSERVATIONS.	WEATHER.		Night.	Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %	
	Morning.	Afternoon.							15 h. G.M.T.	9 h. G.M.T.
	24 HOURS ENDED 9h G.M.T. 17.9.....							YESTERDAY.	TO-DAY.	
Greenwich (Royal Observatory)	ro. bc	b. b. e. ber	b. b. c. o	65	50	43	6	4.7	59	76
City (Bunhill Row)	"	"	"	"	"	"	"	4.0	"	"
Westminster (St. James's Park)	"	"	r. bc	63	51	43	2	4.2	59	66
Camden Sq. (British Rainfall)	o. r. c.	bc	"	65	49	46	3	"	62	66
Kensington Palace	o. r. c. bc	" b	"	64	48	44	3	"	65 (18h)	67
Hampstead Observatory ...	"	"	"	61	47	"	5	3.7	"	50

SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.

Total 60.1 Joules.

Milliwatts.

Average Rate. 13.3

Maximum Rate. 42

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

Stations.	17.9.18. SEPTEMBER 1920.	
	Sunrise.	Noon.
Yarmouth...	5.31	11.48
Greenwich	5.32	11.47
Wick	5.47	12.0
Valencia	6.19	12.35

Photographic Record of

Pole Star (Polaris) and of 8 Ursae

Minoris at Greenwich Observatory.

Exposure from 10.19 h. 30 m.
to 17.4 h. 30 m.

Stars.	Duration of Exposure.		Duration of Record.		%
Polaris	h.	m.	h.	m.	
8 Ursae	9	0	7	45	50
Minoris	9	0	6	52	77

NOTES ON THE WEATHER OF YESTERDAY.

Except in the North or Scotland where the day was fine, rain fell very generally. The heaviest fall (20 mm.) occurred at Yarmouth. Sunshine records were poor except in the extreme North, where 8 to 10 hours were enjoyed, and at some stations on the South Coast of England. Temperature was rather low, especially in the North of Scotland, where there were local ground frosts.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.214.85.

SATURDAY, 18th SEPTEMBER, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H 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.	Dirac.	Force 0-12.		°F.	%	0-9.		Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.	at M.S.L.		Change in 3 hours.	Dirac.	Force 0-12.		°F.	%	0-9.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.
	mb.															mb.														
13H. G.M.T. 17 th														18H. G.M.T. OF 17 th																
Renfrew ...																														
Eskdalemuir ...																														
Valencia (Cahireh) ...	998.3	12	SW	5	0	53	75	8	3,000	Cu	9	-	-	998.3	0	SSW	1	C	52	75	6	3,000	Nb	6	CiCu	1	*			
Baldonnel ...	997.1	-1	SW	4	C.F.	54	85	8	3,000	Sc	6	Ac	2	996.0	0	WSW	5	bc	55	75	8	3,000	Cu	5	Ac	1	4			
MANCHESTER (LILLY) ...	998.7	-1	SW	4	bc	56	65	7	2,000	Sc	4	Ac	2	996.8	-1	-	0	C	50	92	6	2,000	Sc	5	Ci	3	*			
Ross on Wye ...	1002.3	+1	SW	4	C.R.	54	75	8	2,000	Cu	5	Ci	3	1001.1	-1	S	2	OR	52	92	6	1,250	Nb	10	-	-	*			
Falmouth ...	1003.8	0	WSW	4	C	59	65	8	4,200	Cu	4	Ac	3	1001.7	-3	SSW	2	OR	53	97	6	2,000	Nb	10	-	-	*			
Calshot (Hants) ...	1004.4	-2	SW	6	OR	60	75	6	-	Nb	10	-	-	1001.9	-1	SW	7	OR	59	85	4	-	Cu	9	-	-	*			
Lymington (Folkestone) ...	1007.0	+1	WSW	5	0	61	75	7	3,000	Cu	6	Ci	3	1005.4	-1	SSW	5	OR	60	92	6	750	Nb	10	-	-	4			
Aberdeen ...	1008.9	0	SW	5	0.9	53	97	7	750	Cu	8	Ac	1	1007.3	-1	SW	6	OR	59	85	7	1,250	Nb	10	-	-	*			
Howden ...	997.3	12	SE	1	0	53	65	8	2,000	Sc	10	-	-	999.1	+1	-	0	3F	51	85	5	?	?	?	?	?	2			
Cranwell (Lines) ...	1002.1	12	SW	5	C.3	58	75	7	4,200	Cu	7	Ac	1	1001.6	-1	-	0	OR	52	92	5	2,000	Nb	10	-	-	*			
Felixstowe ...	1005.2	12	SW	4	C	60	75	8	4,200	Sc	7	Ci	1	1003.1	-1	3	3	0	56	85	8	4,200	Sc	6	Ac	4	*			
Shoeburyness ...	1008.4	+1	S	4	C.9	60	75	8	5,700	Cu	7	Ci	1	1007.4	0	SSW	4	0	60	?	?	5,700	Sc	6	Ci	3	3			
Benson ...	1007.3	+1	W	4	C	61	75	7	3,000	Sc	3	Ci	4	1006.5	0	SW	2	0	59	85	7	3,000	Sc	3	Ac	6	*			
S. Farnborough ...	1004.8	0	SW	4	C	62	65	7	-	Cu	7	-	-	1003.4	-2	S	4	0	59	85	8	-	Sc	10	-	-	*			
London (Kew Obs.) ...	1006.3	0	SW	3	C	62	75	7	2,000	Cu	4	Ci	4	1004.9	-2	SSW	4	OR	59	85	7	2,000	Nb	10	-	-	*			
Croydon ...	1006.6	0	SW	4	C	60	75	8	3,000	Cu	4	Ac	3	1005.4	-3	S	3	0	60	75	7	3,000	Sc	6	Ac	3	*			
	1007.3	0	WSW	4	0	62	65	8	2,000	Sc	7	Ci	2	1006.5	-4	SSW	4	0	58	85	8	2,000	Cu	5	Ac	5	*			
1H. G.M.T. OF 18 th														7H. G.M.T. OF 18 th																
Renfrew ...																														
Eskdalemuir ...																														
Valencia (Cahireh) ...	996.9	-1	-	0	OR	47	92	6	-	Nb	10	-	-	995.6	0	-	0	OR	43	97	0	750	Sc	10	-	-	*			
Baldonnel ...	995.6	-2	WNW	3	bc	52	-	-	-	-	-	-	-	995.5	+4	NNE	3	C	47	85	9	2,000	Sc	8	-	-	3			
MANCHESTER (LILLY) ...	996.6	0	W	2	b	46	92	5	4,200	Sc	2	-	-	995.3	0	S	2	bc	43	92	8	4,200	Sc	1	Ci	3	*			
Ross on Wye ...														996.2	-3	SSW	2	OR	51	97	3	2,000	Nb	10	-	-	*			
Falmouth ...														997.1	-1	SW	2	0	51	92	7	2,000	Nb	8	Ac	2	*			
Calshot (Hants) ...	1000.7	-2	SW	6	OR	55	92	5	-	Nb	10	-	-	998.1	0	SW	5	bc	50	92	7	-	Nb	3	Ac	3	*			
Lymington (Folkestone) ...	1002.7	-2	WSW	5	OR	57	95	6	1,250	Nb	10	-	-	999.3	-3	WNW	3	OR	55	92	5	1,250	Nb	10	-	-	3			
Aberdeen ...	1005.6	-1	SW	8	OR	57	95	7	1,250	Sc	10	-	-	1001.3	-3	SSW	8	OR	57	92	7	750	Nb	10	-	-	*			
Howden ...														996.5	-2	SE	3	OR	52	92	6	1,250	Nb	10	-	-	3			
Cranwell (Lines) ...	997.9	-2	SSW	2	bc	51	97	5	3,000	Sc	3	Ac	2	995.5	-2	S	1	OR	52	97	4	1,250	Nb	10	-	-	*			
Felixstowe ...	1000.9	-1	SSW	3	OR	57	92	5	2,000	Nb	9	-	-	997.1	-5	SW	2	OR	52	97	5	1,250	Nb	10	-	-	*			
Shoeburyness ...														1001.9	-2	S	5	OR	60	92	6	3,000	Sc	6	Ac	1	3			
Benson ...														1000.0	-3	SW	4	C	58	92	7	2,000	Sc	5	Ci	3	*			
S. Farnborough ...														997.6	-2	SW	3	0	54	92	7	-	Cu	9	-	-	*			
London (Kew Obs.) ...														998.4	-4	SSW	4	OR	57	92	4	1,250	Nb	10	-	-	*			
Croydon ...	1003.7	-2				58								998.6	-3	S	4	0	58	85	3	750	Sc	6	Ci	3	*			
	1004.5	-3	SW	4	OR	58	92	5	1,250	Nb	10	-	-	1000.3	-3	SSW	4	OR	59	92	7	1,250	Nb	7	Ac	3	*			

STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.

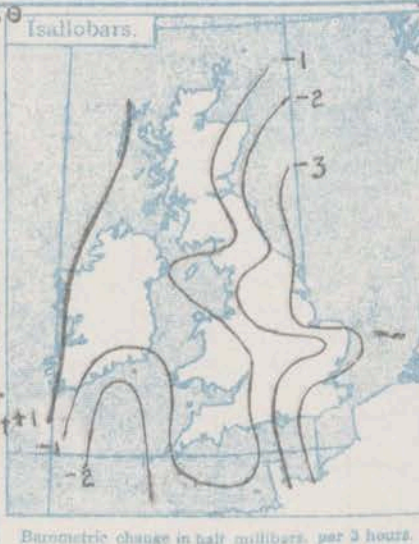
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather	BAROMETER		TEMPERATURE		WIND.		Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.
			Dirac.	Force 0-12.		Temp. °F.	Change in 24 hours.	Dirac.	Force 0-12.	Max. °F.	Min. °F.					Morning.	Afternoon.	Night.			
																			at M.S.L. mb.	Change in 3 hours.	
18H. G.M.T. of 17 th						7H. G.M.T. of 18 th						24 HOURS ENDED 7H. 18 th						17 th			
Lerwick	999.7	50	ENE	3	bc	1000.8	0	48	-2	ENE	2	-	bc	1	1	51	40	C	bc	bc	*
Stornoway	999.8	51	ENE	2	bc	997.3	0	44	-4	NE	1	-	b	1	-	56	43	bc	bc	b	9.8
Castell Bay (Barra)	997.0	51	NE	3	cp	995.6	+1	50	+1	NE	4	-	0	2	3	53	43	cmop	opcp	opbo	0.9
Main Head	994.4	53	SE	2	CR	993.7	0	47	-2	SE	1	SE	CV	0	-	59	45	bcv	bcv	CV	7.4
Blackod Point	993.4	53	-	0	bc	993.3	+1	50	0	-	0	W	bc	1	10	58	45	omf	bc	bc	*
Roche's Point	997.7	55	SW	3	C	994.3	-3	50	0	SW	2	-	0	3	3	58	47	op	op	bc	*
Birr Castle	995.3	54	SE	2	C	994.7	-	44	-1	SW	1	-	C	-	1	53	42	bc	cp	bc	17.7
Donaghadee	997.8	54	SW	1	OR	?	-1	42	-2	W	1	SW	bcm	2	4	59	42	bcm	bcm	trbl	*
Liverpool (Biddon)	999.4	52	SE	3	0	995.2	-2	50	+3	S	3	SW	cm	3	6	59	47	bc	no	orc	5.9
Holyhead	997.6	53	SSW	5	OR	994.9	0	50	-2	WSW	3	W	b	1	3	59	49	bc	bc	pbcp	5.3
Pembroke (St. Mary's)	999.0	58	SW	5	cp	996.9	-1	55	+1	SW	3	SW	CV	3	9	58	53	Cg	o.g.	Cgpcv	2.6
Jersey (St. Aubin)	1002.9	58	WSW	5	OR	998.2	-2	54	-1	W	4	-	C	6	7	62	53	bcop	o.g.	ocp	1.7
Portland Bill	1008.4	63	S	4	0	1002.3	-1	60	+2	SW	5	-	0	4	2	67	57	bc	bc	ocp	2.8
Dungeness	1005.3	60	SW	7	OR	999.2	-6	59	+1	WSW	7	SW	oap	6	10	62	56	bc	bc	ocp	*
Wick	1007.3	60	SW	4	C	1000.8	-4	60	+4	SW	6	SW	Cg	5	6	62	54	Cg	bc	cp	*
Nairn	998.0	50	SW	1	bc	997.6	0	50	+13	ENE	3	-	C	2	-	54	35	bc	bc	bc	*
Leith	997.7	50	-	0	C	996.2	-	43	+5	S	0	-	dgo	2	2	52	38	Cg	p.g.	cp	0.2
Tynemouth	997.4	54	S	1	C	994.6	-1	47	-1	S	1	-	bc	1	4	56	47	odm	coco	cbcm	*
Spurn Head	999.4	58	WSW	2	cm	995.9	-1	50	+1	SW	1	-	of	1	2	59	48	bc	cm	omcp	*
Yarmouth	1002.7	58	SW	4	Cg	996.3	-4	53	+4	S	2	-	OR	3	5	63	48	Cg	Cg	or	*
Clacton-on-Sea	1006.0	58	SSW	5	0	1000.7	-3	56	+6	SSW	4	-	OR	3	5	63	50	bc	bc	bc	8.7
Nottingham	1006.6	60	SW	5	C	1000.5	-2	60	+7	SSW	5	-	C	4	20	62	53	bc	bc	cp	5.9
	1001.9	61	S	2	OR	996.8	-	52	+4	SW	1	SW	OR	-	13	62	49	Cg	Cg	roc	7.1

SUMMARY OF CONDITIONS AT 7 h. G.M.T. 18.9.1920.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Dull, rainy, misty.	Fair	R. rough
2. E. England	Dull, rainy	Fair	Slight.
3. E. Midlands	Dull, some rain	Good	-
4. W. Midlands	Dull	Good	-
5. S.W. England	Fair to Dull, some rain	Good	Rough
6. South Wales	Cloudy	V. Good	Slight
7. North Wales	Fine to cloudy	V. Good	Smooth
8. N.W. England	Dull, some rain and mist	Indiff	Moderate
9. N. Midlands	Dull, some rain	Indiff	-
10. N.E. England	Dull, mist and rain	Poor	Smooth
11. E. Scotland	Cloudy, some rain and mist	Fair	Slight
12. S.W. Scotland	Dull, foggy	Poor	Smooth
13. Isle of Man	Fair to Dull, slight mist	Fair	Slight
14. N. & N.W. Scotland	Fair to cloudy (and rain)	V. Good	Smooth
15. Hebrides	Fair to Dull	V. Good	Smooth
16. Orkneys and Shetlands	Fair or cloudy	Good	Smooth
17. N.W. Ireland	Fair to cloudy	V. Good	Calm.
18. N.E. Ireland	Fair to cloudy, slight mist	V. Good	Slight
19. S.E. Ireland	Cloudy to Dull	Good	Slight
20. S.W. Ireland	Cloudy or Dull	V. Good	Slight

Temperature reported from Coastal and Cross Channel Steamers

Position Number.	Date	Time G.M.T.	Sea ° F	Air ° F
5	17	0750	54	50
3	17	0915	56	54
1	17	1135	60	60
2	18	0055	56	54
4A	18	0255	57	54
12	18	0256	52	51
7	18	0345	61	61
5	18	0730	55	51



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

An irregularly shaped depression over our western districts will probably move E or N.E. and cause further showers or more considerable falls of rain in all parts of the Kingdom. No settled weather is to be expected for some days.

EXPLANATION.
 BAROMETER. - isobars are drawn at intervals of two millibars.
 WIND. - Direction is shown by the flag with the wind force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in feet per hour by figures in small circles.
 TEMPERATURE. - is given in degrees Fahrenheit.
 WEATHER SYMBOLS. - sky: clear sky, sky: cloudy, overcast sky, snow, fog, thunder, sea disturbance, rough, further outlook.

Forecasts for the 24 hours commencing 15h G.M.T. Saturday, 18th September, 1920.

Districts.	Forecast.
1. S.E. England	Wind between S and S.W., or W, light or moderate, fresh or strong locally. Much cloud generally, some rain or showers, fairer intervals; perhaps local thunder.
2. E. England	Visibility; fair or good. Lower temperature.
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	Wind Easterly, light or moderate. Dull, rainy.
13. Isle of Man	Visibility, Indifferent to fair. Cool.
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	Wind between S.W. and N.W., light or moderate to fresh, changeable, some rain or showers.
19. S.E. Ireland	Visibility, fair or good. Rather cool.
20. S.W. Ireland	

Continuing unsettled.

SYNOPTIC CHART FOR MORNING OF SATURDAY 18th SEPTEMBER 1920

Scale - 1:10,000,000

Natural Miles.
 Statute Miles.



E.S.59A

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 262.

SATURDAY,
18 SEPTEMBER

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 17 th																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.
Scotland.	Oban ...	ordoc.	bc	56	45	1	3	1.4	?	England, N.W.	Douglas (I.O.M.)	*	*	58	47	14	-	8.2	2.4
	Banff ...	bc c	c.og	54	34	-	0.1	0.7	6.0		Blackpool ...	pc	o.p	62	51	6	0.3	5.6	0.6
	Montrose ...	ordoc	*	51	47	12	1	0.0	3.8		Southport ...	c.p.c.bc	bcc.on	60	50	3	3	6.0	1.3
	St. Andrews ...	*	*	55	47	7	2	1.3	2.0		MORECAMBE	*	*	58	47	9	-	6.0	0.4
	Harrogate ...	b	b.b.c.c	60	44	2	-	7.6	1.1		Midlands.	Buxton ...	m.b.c.b	b.c.c.c.p	58	43	2	0.4	6.9	3.9
Scarborough ...	b	b	66	47	3	-	7.6	0.2	Leamington Spa...	bc		o.p.c	62	45	5	0.3	4.5	4.2	
Skegness ...	o.c.	bc	63	46	1	-	9.1	1.5	Malvern ...	c.		c.p	60	47	2	3	4.8	4.2	
Lowestoft ...	b.b.c.c	c.o.c.bc	62	44	-	-	8.7	0.2	Bath ...	o.c.b.c		b.c.c.p	64	49	3	4	6.0	0.4	
Felixstowe ...	b.	bc	63	53	-	-	6.1	2.8	Wales.	Rhyl ...		bc	b.c.c.p	60	48	2	1	5.7	0.7
Southend-on-Sea...	bcc.on	c.b.c	64	50	trace	1	6.0	4.0		Colwyn Bay ...	*	*	60	50	4	2	5.8	1.0	
Tunbridge Wells	o.p.o	c.p.b.c.p	63	48	0.3	7	4.2	5.0		Llandudno ...	*	*	60	50	3	0.4	4.5	0.4	
Margate ...	bcc.on	c	63	50	1	1	3.9	3.5		Aberystwyth ...	p.c.b	b.o.p	59	50	11	4	4.5	0.4	
Ramsgate ...	*	*	64	46	0.3	2	5.2	3.7		Tenby ...	*	*	61	48	15	5	2.8	0.0	
England, S.E.	Folkestone ...	c.og.p	p.p.o	62	51	1	15	3.0	3.6	England, S.W.	Swansea ...	*	*	61	48	15	5	3.0	7.4
	Hastings ...	o.p.c	c.o.p.bc	63	49	9	7	3.2	4.7		Weymouth ...	bcq.	c.og	66	53	3	1	1.9	6.5
	Eastbourne...	c.p.on	p.o.c	63	51	4	3	2.9	4.9		Teignmouth ...	o.p.c.p	c.b.c.c.o	66	51	2	3	4.5	7.2
	Brighton ...	o.p	p.o	63	54	2	5	3.1	6.7		Torquay ...	bc.p.p	o.p.p	63	52	4	3	3.0	6.8
	Worthing ...	o.p	bc	64	51	3	8	3.9	6.3		Paignton ...	bc.q.p	c.q	64	48	4	1	2.3	5.7
	Littlehampton	o.c.m.bc	b.c.o.p	63	50	4	4	2.2	6.9		Penzance ...	c.p.b.c	c.p.o	64	50	9	2	2.5	5.0
	Portsmouth (S'haen)	*	*	63	52	6	3	2.9	4.6		Newquay ...	c.p.c.bc	o.p.o	62	48	2	2	3.0	5.9
	Bournemouth ...	*	*	63	50	7	-	3.3	8.0		Bude ...	c.b.c.p	p	63	49	5	5	4.8	4.5
	Ventnor (I. of W.)	*	*	62	52	0.3	2	3.4	7.2		Ilfracombe ...	bc.b	b.c.c.p	65	49	9	0.3	4.8	4.5
											Weston-s-Mare	bc.b	b.c.c.p	65	49	9	0.3	4.8	4.5

STATIONS.		SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.										THE BEAUFORT SCALE WIND FORCE.		
		WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	RAINFALL.		Sun. Hours.					Limits of Velocity at about 30 feet above ground.								
		7h-13h/7.	13h-18h/7.	18h-7h/8.	1h-7h/8.				Day. 7h-13h.	Night. 13h-7h.		No.	Statute miles per hour.	Metres per second.										
Renfrew ...		b.b.c.c	c.p	r.6-3f	57	42	35	mm.	mm.	5.3	b	blue sky (not more than a quarter covered).												
Eskdalemuir ...		p.c.o.	c.o.c.o	cop.f.o	55	46	37	-	10	5.0	bc	sky partly cloudy (one half covered).												
Valencia (Cahire'n) ...		p.p.cop	b.b.c.f.b.c	bbcp	58	46	42	5	11	4.8	c	generally cloudy (three quarters covered).												
Baldonnel ...		b.c.b.c.c	c.o.p.	b.b.c.b.c	59	45	40	2	-	8.5	d	drizzle, or fine rain.												
MANCHESTER (MEX. PR.)		b.c.c.p	RR.	o.p.f.rr	61	47	40	2	6	4	e	wet air without rain falling.												
Ross on Wye...		b.c.b.c	c.o.c.o	rr.p.d.rq	62	50	58	7	5	4.4	f	fog. g gloom.												
Falmouth ...		c.o.g.p.	c.o.c.o	o.p.f.rr	63	50	47	1	20	2.0	h	hail. l lightning.												
Calshot (Hants)...		c.o.p.	o.p.f.	o.p.f.rr	63	52	4	2	17	4.3	m	mist. o overcast sky.												
Lymington (Folkestone)		o.p.f.rr	o.p.f.rr	q.o.f.q	60	49	34	4	2	4.0	p	passing showers.												
Aberdeen ...		o.p.o.	o.p.f.	o.p.f.rr	53	43	36	-	0.3	0.0	q	squalls. r rain.												
Howden ...		b.c.c.p	c.o.c.o	RR	61	46	47	4	7	5.4	rs	sleet, i.e., rain and snow together.												
Cranwell (Lines) ...		b.b.c.c	b.c.c.o	p.rr	63	50	4	-	8	9.3	s	snow. t thunder.												
Felixstowe ...		q.b.c.c	b.c.c.g.	c.o.p	63	54	4	*	*	*	u	ugly, threatening sky.												
Shoeburyness ...		b.b.c.c.c	c.o.c.o	q.rr	65	54	55	2	6	6.2	v	unusual visibility.												
Benson ...		o	o	c.o.c.o	64	49	53	-	2	*	w	dew. x hoar frost.												
S. Farnborough ...		b.b.c.c.o	c.o.p.	c.o.p	64	50	48	1	5	6.3	y	dry air; humidity less than 60 per cent.												
London (Kew Obs.) ...		b.c.b.c.c	b.c.c.o	b.o.p.	64	52	52	0.1	5	6.9	z	dust haze; the turbid atmosphere of dry weather.												
Croydon ...		RR	o.p.f.rr	q.o.f.q	64	52	4	2	10	*		Capital letters indicate intensity, and repetition of letters continuity, thus: R = heavy rain. rr = continuous moderate rain. r.f = continuous light rain.												

LONDON OBSERVATIONS.										SOUTH KENBINGTON (Meteorological Office).		TABLE SHOWING THE GREENWICH TIME SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.					
WEATHER.		Max. Temp.		Min. Temp.		Min. on Grass.		Rain-fall.		Sun-shine to Sunset.		HUMIDITY %					
Morning.	Afternoon.	Night.	° F.	° F.	° F.	mm.	Hours.	15 h. G.M.T.	9 h. G.M.T.								
24 HOURS ENDED ON G.M.T. 18 th 19 th SEPTEMBER 1928.										YESTERDAY.		TO-DAY.					
														Vertical Component of Solar Radiation per Square Centimetre during yesterday.			
Greenwich (Royal Observatory)	op	oc op	off op	66	54	52	7	5.6	59	85							
City (Bunhill Row)	*	*	*	*	*	*	*	4.2	*	*							
Westminster (St. James's Park)	*	*	*	68	56	50	5	4.9	59	90							
														Total 956 Joules.			
														Milliwatts.			
Camden Sq. (British Rainfall)	o p c	c	*	66	54	53	10	*	55	89							
Kensington Palace	b.o.o	bc.c.o	*	68	54	52	13	*	79 (10h)	97							
Hampstead Observatory	*	*	*	67	54	*	9	4.7	*	93							
														Average Rate. 21.2			
														Maximum Rate. 55			
														Yarmouth... { 532 1147 60 534 1147 68 540 1152 66 542 1154 64			
														Greenwich { 543 1216 62 551 1218 62 552 1235 64 552 1235 64			
														Wick ... { 543 1216 62 551 1218 62 552 1235 64 552 1235 64			
														Valencia ... { 542 1235 64 552 1235 64			

NOTES ON THE WEATHER OF YESTERDAY.														
Photographic Record of					Rain fell generally, the quantity being considerable in many places; At Clacton the value was 20 mm and at Falmouth 21 mm. Bright sunshine varied greatly, from more than 9 hours at Stornoway, Cranwell, Skegness to less than an hour at Castlebay and at some stations in the E. of Scotland. Temperature remained below 60° over a large portion of the Kingdom, but touched 67° at Jersey.									
Pole Star (Polaris) and of δ Ursae														
Minoris at Greenwich Observatory.														
Exposure from 17 th 12h.30m. to 18 th 4h.30m.														
Stars.														
Duration of Exposure.														
Duration of Record.														
Polaris														
δ Ursae														
Minoris														

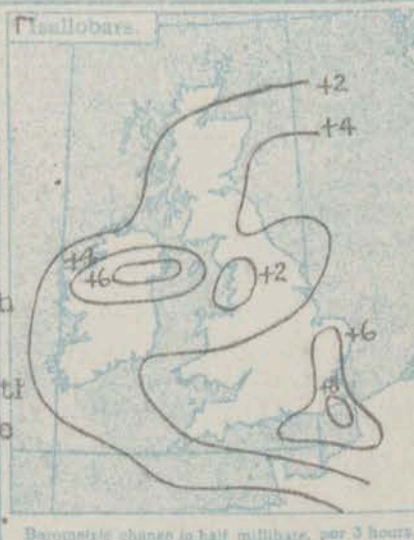


DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:
BRITISH SECTION. No. B21486. *SUNDAY, 19th SEPTEMBER.....1920.*

Weather.	Sea B-B.
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North.
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§ For code see page 3

[illegible]

Lower Cloud.

CuNb.4
Str.3

Nb9

Str.3. CuNb.3
Str.1

Nb1

CuNb.3. CuNb.1

Nb2

⑦
②
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⑦
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⑧

EXPLANATION.

BAROMETER—feet by 1000
Intervals of two millibars.

Intervals of 1000 ft. shown in 1000 ft. intervals.

Probability

The depression which lay over the British Isles yesterday is now over the North Sea and moving away to Northeastward. Mainly fair weather is probable during the next 24 hours but the early development of fresh disturbances is not improbable.

WIND. — Direction indicated by the arrow. Force in knots indicated by the number of feathers. Mean velocity is shown in italics per hour by figures in small circles.

TEMPERATURE is given in degrees Fahrenheit.

WEATHER SYMBOLS. —

clear sky. ☉ sky & scattered. ☁ sky & clouds. ☁ overcast sky. ☁ with rain. ☁ snow. ☁ snow. ☁ fog. ☁ mist. ☁ thunderstorm. ☁ thunder.

SEA DISTURBANCE. —

High seas. Rough. Bumpy. Smooth.

Further Outlook.

Fairer temporarily but settled fine weather not probable.

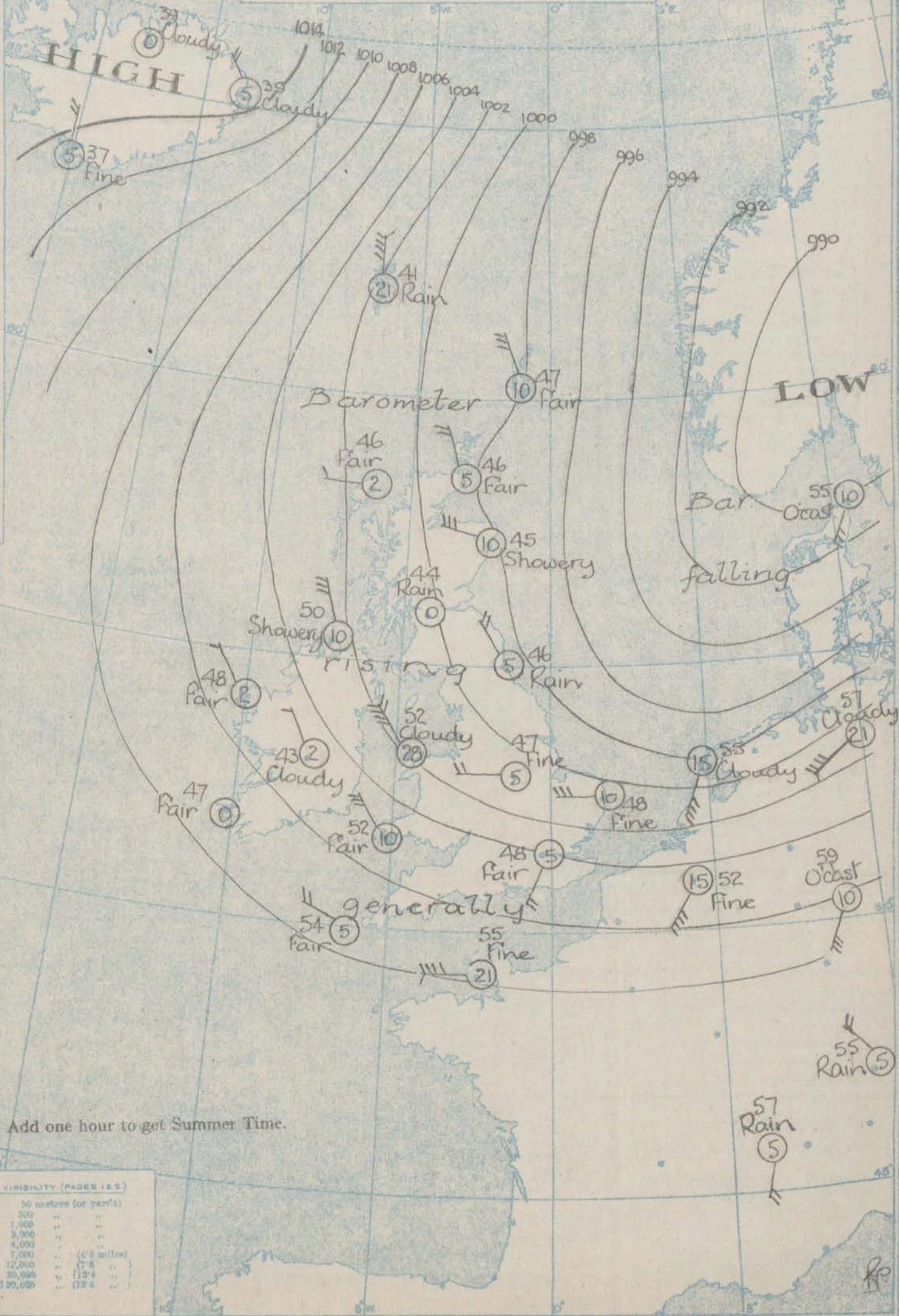
All times are

Temperature 50
Dew 40
Very Bad
Fair
Very Poor
Fog
Indifferent
Fair
Good
Very Good
Excellent

F. S. S. Director

SYNOPTIC CHART FOR MORNING OF SUNDAY, 19TH SEPTEMBER, 1920.

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



er
orarily
led fine
her not
able.

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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 125)

Visual Range	Objects not visible at	No. meters (or yards)
Very Bad		200
Bad		1,000
Very Poor		2,000
Indifferent		4,000
Good		7,000
Very Good		12,000
Excellent		20,000
Exceptional visibility		30,000

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 260.

SUNDAY,
10th SEPTEMBER

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 18 th																				
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.			STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.				Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.
						17 th 18 th		18 th 17 th									17 th 18 th		18 th 17 th	
Scotland.	Oban ...	o.p.o.c.	bc	55	45	4	2	2.0	1.7	England, N.W.	Douglas (I.O.M.)	*	*	58	46	2	-	9.0	8.2	
	Banff ...	o.p.	r	52	34	1	26	0.0	0.7		Blackpool ...									
	Montrose ...	o.p.	o.c.	55	40	6	3	1.4	0.2		Southport ...	c.b.c.b	bc.c.b	60	50	5	-	7.3	6.0	
	St. Andrews ...										MORECAMBE ...									
England, N.E.	Harrogate ...	o.b.c.	b.b.c.	57	43	6	0.4	1.3	7.6	Midlands.	Buxton ...	bc.m.p.	bc.b.c.p.	56	48	8	-	2.1	6.9	
	Scarborough ...	o.	o.	60	50	6	2	0.1	7.6		Leamington Spa ...	o.p.	bc.c.b.	62	52	20	4	3.6	4.5	
	Skegness ...										Malvern ...	p.c.	bc.p.	60	50	13	2	3.7	4.8	
	Lowestoft ...										Bath ...	o.p.	bc.b.c.p.	62	53	5	5	3.2	4.8	
England, E.	Felixstowe ...	o.g.p.	o.p.	61	55	24	6	0.0	6.1	Wales.	Rhyl ...									
	Southend-on-Sea ...	o.p.c.o.p.	o.p.o.	59	53	20	7	0.4	6.0		Colwyn Bay ...									
											Llandudno ...	*	*	60	48	7	3	6.5	5.8	
											Aberystwyth ...	o.c.b.	c.o.p.	60	51	2	2	4.0	4.5	
England, S.E.	Tunbridge Wells ...	o.p.	o.p.o.	61	54	7	12	0.0	4.2	England, S.W.	Tenby ...	c.c.p.	p.c.	59	49	3	9	2.0	?	
	Margate ...	c.o.p.	o.p.p.	64	56	2	11	1.0	3.9		Swansea ...									
	Ramsgate ...	*	*	?	?	?	?	0.7	5.2		Weymouth ...	bc.	c.b.c.	62	55	3	2	1.9	5.6	
	Folkestone ...	p.o.	p.p.	62	51	0.3	15	0.0	3.0		Teignmouth ...									
	Hastings ...	o.p.o.	o.p.o.	62	56	3	20	0.0	3.2		Torquay ...									
	Eastbourne ...	o.c.o.p.	p.o.	62	56	3	13	0.3	2.8		Paignton ...	c.b.c.p.	bc.g.b.g.	64	51	7	-	6.8	3.6	
	Brighton ...										Penzance ...	b.b.c.	bc	61	52	7	0.1	9.0	2.3	
	Worthing ...	p.o.	p.o.	60	56	17	10	0.0	3.9		Newquay ...									
	Littlehampton ...	o.c.p.	p.o.c.	62	57	15	20	0.0	2.2		Bude ...	p.b.c.	bc.p.	62	51	24	0.4	8.0	3.0	
	Portsmouth (S. base) ...	*	*	61	54	7	11	0.0	2.9		Ilfracombe ...	*	*	62	51	26	4	?	?	
	Bournemouth ...	*	*	59	53	8	1	0.9	3.3		Weston-s-Mare ...									
	Ventnor (I. of W.) ...	*	*	62	51	14	1	0.0	3.4											

STATIONS.		SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.		
		WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	RAINFALL.		Sun. Hours.					
		7h-13h/8	13h-19h/8	19h-1h/9	1h-7h/9				Day. 7h-13h.	Night. 13h-19h.						
Renfrew ...	o.c.o.	c.o.				57	45	2.8	1	0.4	6.5	b blue sky (not more than a quarter covered).	No.	Limits of Velocity at about 30 feet above ground.		
Eskdalemuir ...	o.c.b.c.	p.u.c.c.o.	b.w.	o.p.		57	46	4.1	2	1	5.7	bc sky partly cloudy (one half covered).			Statute miles per hour.	Metres per second.
Valencia (Cahire'n) ...	o.c.b.c.	p.b.c.c.	b.w.	b.w.		57	41	*	*	*	7.0	c generally cloudy (three quarters covered).				
Baldonnel ...	o.c.c.o.	b.c.p.	b.	b.w.		57	41	*	*	*	7.0	d drizzle, or fine rain.				
MANCHESTER (ALEX. PK.) ...																
Koss on Wye ...	o.p.p.p.	b.c.c.c.				60	44	3.9	2	5	2.7	e wet air without rain falling.	0	Less than 1	Less than 0.9	
Falmouth ...	o.p.p.p.	b.c.c.c.				61	44	4.3	-	-	8.4	f fog.	1	1-2	0.9-1.5	
Calshot (Hants) ...	o.p.p.p.	b.c.c.c.				60	44	*	9	-	0.1	g gloom.	2	4-7	1.6-3.8	
Lymington (Hants) ...	o.p.p.p.	b.c.c.c.				62	44	4.0	19	-	0.3	h hail.	3	8-12	5.1-6.4	
Aberdeen ...	o.p.p.p.	b.c.c.c.				62	44	4.0	9	9	0.0	i lightning.	4	13-18	5.3-7.9	
Howden ...	o.p.p.p.	b.c.c.c.				59	44	3.9	-	-	1.9	m mist.	5	19-24	8.0-10.7	
Cranwell (Lincs) ...	o.p.p.p.	b.c.c.c.				59	46	*	2	2	4.7	o overcast sky.	6	25-31	10.9-13.6	
Felixstowe ...	o.p.p.p.	b.c.c.c.				61	44	*	3	3	*	p passing showers.	7	32-38	13.7-17.1	
Shoeburyness ...	o.p.p.p.	b.c.c.c.				62	44	4.3	13	-	0.2	q squalls.	8	39-46	17.2-20.7	
Benson ...	o.p.p.p.	b.c.c.c.				60	43	3.4	2	-	0.3	r rain.	9	47-54	20.8-24.4	
S. Farnborough ...	o.p.p.p.	b.c.c.c.				60	44	3.8	6	-	0.4	rs sleet, i.e., rain and snow together.	10	55-63	24.3-30.4	
London (Kew Obs.) ...	o.p.p.p.	b.c.c.c.				60	46	3.8	6	-	0.4	s snow.	11	64-75	25.4-30.5	
Croydon ...	o.p.p.p.	b.c.c.c.				59	46	*	3	-	*	t thunder.	12	Above 75	33.6 or above	
u ugly, threatening sky.																
v unusual visibility.																
w dew.																
y dry air; humidity less than 60 per cent.																
z dust haze; the turbid atmosphere of dry weather.																
Capital letters indicate intensity, and repetition of letters continues, thus:-																
R = heavy rain.																
cc = continuous moderate rain.																
c.r. = continuous light rain.																

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. 10 th SEPTEMBER.												YESTERDAY.		TO-DAY.		Vertical Component of Solar Radiation per Square Centimetre during yesterday		10 th & 11 th SEPTEMBER 1920.											
																		Stations.		Sunrise.		Noon.		Sunset.					
																				G.M.T.		G.M.T.		G.M.T.					
Greenwich (Royal Observatory)		0.1	0.5	0.5	60	45	40	4	0.4	87	71							Yarmouth		5.38	11.48	6.0	5.57						
City (Sunhill Row)		"	"	"	"	"	"	"	"	"	"									5.42	11.53	6.6	5.44						
Westminster (St. James's Park)		"	"	"	"	"	"	"	"	"	"									5.44	12.6	6.15	5.51	6.12					
Capden Sq. (British Rainfall)		0.1	0	"	58	47	41	3	"	87	79									5.53	12.5	6.48	5.52	6.45					
Kensington Palace		0.1	0	"	60	45	40	1	"	86 (18h)	69									6.27	12.35		6.24						
Hampstead Observatory		"	"	"	"	"	"	"	"	"	"																		
																Average Rate.													
																Maximum Rate.													

Photographic Record of

Pole Star (Polaris) and of 3 Ursae

Minoris at Greenwich Observatory.

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

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

Stars.

Duration of Exposure.

Duration of Record.

h. m.

h. m.

%

Polaris

3 Ursae

Minoris

NOTES ON THE WEATHER OF YESTERDAY.

The day was again characterised by very general rainfall. The fall was however very variable in amount, one or two stations being rainless. The heaviest falls during the day were 26 mm at Banif and 25 mm at Nairn. In most localities except England E and S.E. there were a few hours of sunshine, Scilly enjoying as much as 9.8 hours. Temperature was generally rather low, no station having a maximum as high as 65°. Thunder occurred locally.

* Information for these columns not usually received.



Page 29

 SIGNATURE.

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SUMMARY OF CONDITIONS AT 7 h.G.M.T. 20.9.20.

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

Temperature reported from Coastal and Cross Channel Steamers				
Position Number	Date	Time G M T.	Sea ° F	Air ° F
12	20 th	0315	53	48
8	20 th	0528	60	53
5	20 th	0720	55	52



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

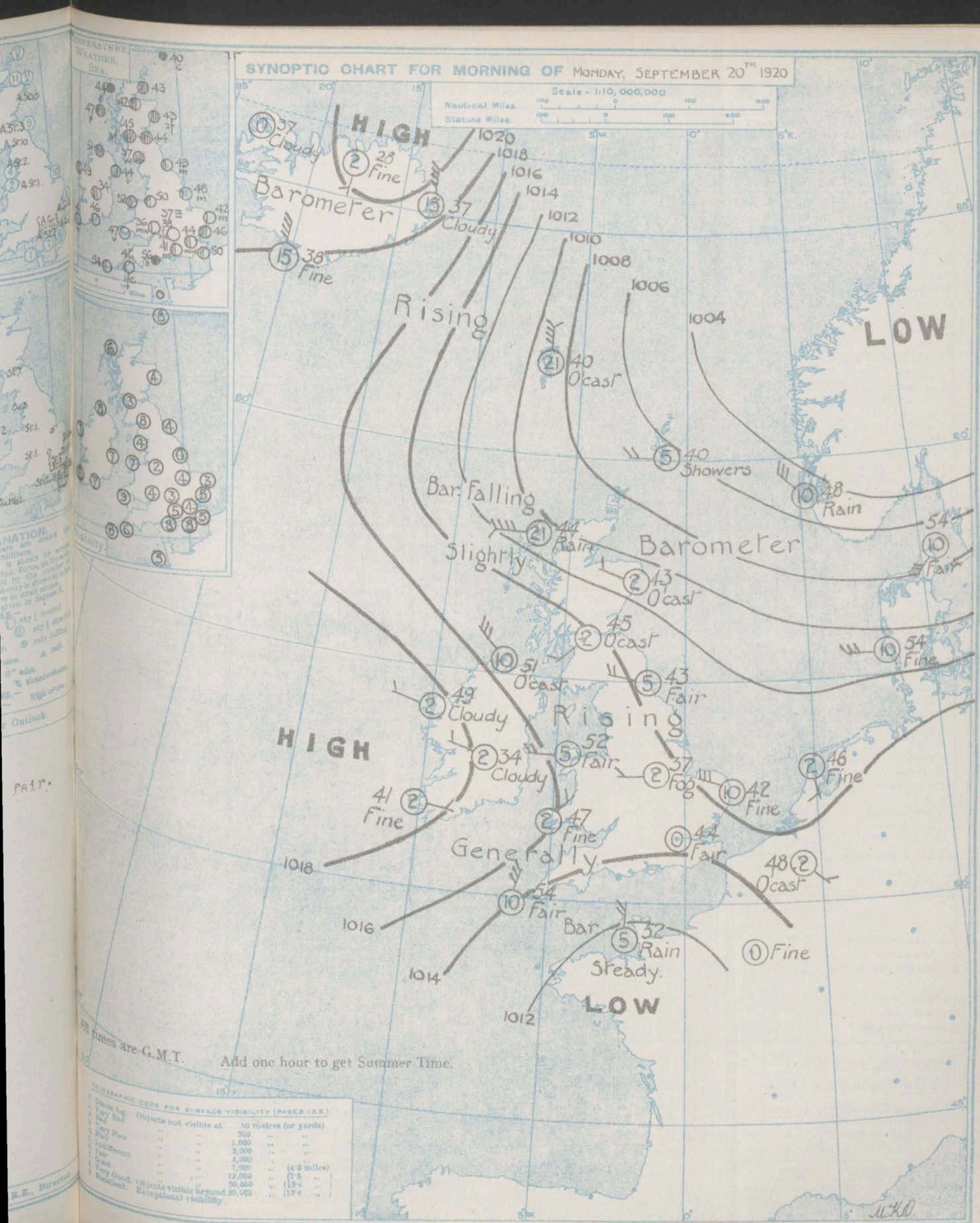
An anticyclone which is extending over the Kingdom from the Atlantic will probably cause fair weather in all districts. The improvement may be expected to continue beyond the 24 hours.

Mainly fair.

SYNOPTIC CHART FOR MORNING OF MONDAY, SEPTEMBER 20TH 1920

Scale - 1:10,000,000

Nautical Miles
Statute Miles



HIGH

LOW

LOW

All times are G.M.T.

Add one hour to get Summer Time.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (BASED I.A.S.)		
Units for	Objects not visible at	50 metres (or yards)
Very Bad	300	"
Bad	1,000	"
Very Poor	2,000	"
Poor	4,000	"
Indifferent	7,000	" (4.3 miles)
Fair	12,000	" (7.5 "
Good	20,000	" (12.5 "
Very Good	30,000	"
Excellent	Exceptional visibility	"

W.H.O.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 264

Monday
20th September

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 19 th																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night, 17h-19h.	Day, 19h-17h.	to 17h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. F.	Min. F.	Night, 17h-19h.	Day, 19h-17h.	to 17h.	Sunrise to Sunset.
Scotland.	Oban									England, N.W.	Douglas (I.O.M.)								
	Banff	bc. cr.	c. bcp.	53	47	2	9	3.4	0.0		Blackpool	r.o.c	bc	57	48	3	-	5.8	7.3
	Montrose										Southport	a.c.b.r.	bc. b	55	48	3	-	5.3	
	St. Andrews										Morecombe								
England, N.E.	Harrogate	bc. b. bc.	o. bc	55	42	0.4	1	2.3	1.3	Midlands.	Buxton								
	Scarborough	bc.	bc	60	49	-	-	2.8	0.1		Leamington Spa... ..	c. b.	c. b. r. bc	58	44	15	0.1	3.8	3.6
	Skegness										Malvern								3.2
England, E.	Lowestoft	bc.	bc. c. bc	60	47	-	-	7.5	-	Wales.	Bath	bc. b.	b	62	44	1	-	7.0	-
	Felixstowe	b	b	62	48	-	-	9.7	0.0		Rhyl	c. bc.	bc	56	48	11	-	6.0	-
	Southend-on-Sea... ..	b	bc	63	46	-	-	9.3	0.4		Colwyn Bay	x.	x.	57	48	25	-	8.0	6.5
England, S.E.	Tunbridge Wells	b	bc. b	62	43	-	1	7.2	0.0	England, S.W.	Llandudno	c. b.	b	57	48	18	0.1		
	Margate	b	b	63	46	1	-	8.7	1.0		Aberystwyth								
	Ramsgate			63	44	20	-	8.6	0.7		Tenby								
	Folkestone	bc.	bc. r	64	46	1	5	7.8	0.0		Swansea							6.6	1.9
	Hastings	b. bc.	bc. b	63	46	0.2	-	8.5	0.0		Weymouth	b.	bc	66	50	-	-		
	Eastbourne	bc	bc.	62	49	0.1	-	8.8	0.3		Teignmouth								
	Brighton	bc.	bc. c	63	50	-	-	8.0	-		Torquay	bc.	bc. r.	62	47	-	1	5.8	-
	Worthing	bc.	bc	63	47	-	-	9.2	0.0		Paignton	bc. p	bc. p.	63	44	-	1	4.6	9.0
	Littlehampton										Penzance	bc.	bc. c	64	50	2	-	6.0	8.0
	Portsmouth (S. base)	x.	x.	63	49	-	-	9.2	0.0		Newquay	b.	b. v.	60	52	0.4	-	8.0	8.0
	Bournemouth			63	47	1	1	8.0	1.0		Bude	b.	b	62	53	0.4	-	9.4	-
	Ventnor (I. of W.)			61	49	Trace	-	8.3	0.0		Ilfracombe	b	b	59	53	1	-	10.0	-
										Weston-s-Mare	b.	b.	61	51	-	-			

SUMMARIES FOR PAST 24 HOURS.										THE BEAUFORT SCALE WIND FORCE.			
STATIONS.	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	RAINFALL.		Sun. Hours.	Limits of Velocity at about 30 feet above ground.		
	7h-13h	13h-19h	19h-7h	1h-7h				Day. 7h-13h	Night. 13h-7h		No.	Statute miles per hour.	Metres per second.
Renfrew ...	bc.c	b.bc.b	bc.c	bc.c	57	41	32	0.1	10.2	b blue sky (not more than a quarter covered).	0	Less than 1	0.3-1.5
Fskdalemuir ...	bc.c	b.bc.b	bc.c	bc.c	56	33	27	Trace	7.0	bc sky partly cloudy (one half covered).	1	1-8	1.6-3.5
Valencia (Cabrera) ...	b.bc.v	bc.c.b	b.bc.b	b.bc.b	56	39	34	-	10.6	c generally cloudy (three quarters covered).	2	4-7	5.4-5.6
Baldonnel ...	bc.c	bc.c.b	b.bc.b	b.bc.b	56	34	-	-	5.5	d drizzle, or fine rain.	3	8-12	5.6-7.9
MANCHESTER (ALEX. PK.)	bc.c	bc.c	b.bc	b.pr.b	57	35	27	1	Trace	e wet air without rain falling.	4	13-18	8.0-10.7
Ross on Wye ...	bc.c	bc.c	b.bc	b.bc	62	33	29	-	6.2	f fog.	5	19-24	10.8-15.3
Falmouth ...	bc.c	bc.c	b.bc	b.bc	61	43	38	7	Trace	h hail.	6	25-31	13.9-17.1
Calshot (Hants) ...	bc.c	bc.c	bc.c	bc.c	50	42	50	1	0.2	i lightning.	7	32-38	17.2-20.7
Lympne (Folkestone)	bc.c	bc.c	bc.c	bc.c	60	46	34	3	0.1	m mist.	8	39-46	20.8-24.4
Aberdeen ...	bc.c	bc.c	bc.c	bc.c	55	42	37	2	-	o overcast sky.	9	47-54	24.5-28.4
Howden ...	bc.c	bc.c	bc.c	bc.c	56	30	26	-	4.7	p passing showers.	10	55-63	33.5-33.5
Cranwell (Lincoln) ...	b.bc.c	bc.c	b.bc	b.bc	56	42	-	Trace	6.2	q squalls.	11	64-76	33.6 or above
Felixstowe ...	-	bc.c	bc.c	bc.c	62	44	4	3	-	rs sleet, i.e., rain and snow together.	12	Above 76	
Shoeburyness ...	b.bc.c	b.bc.b	bc.c	b.bc	63	41	36	-	9.1	s snow.			
Benson ...	-	b.bc.b	bc.c	bc.c	63	34	31	-	0.3	t thunder.			
S. Farnborough ...	b.bc.c	bc.c	b.bc	b.bc	63	38	30	-	8.7	u ugly, threatening sky.			
London (Kew Obs.) ...	b.bc	b.bc	b.bc	b.bc	62	42	36	-	10.5	v unusual visibility.			
Croydon ...	bc.c	bc.c	bc.c	bc.c	62	42	4	-	4	w dew.			
										y dry air; humidity less than 60 per cent.			
										z dust haze; the turbid atmosphere of dry weather.			
										Capital letters indicate intensity, and repetition of letters continuity, thus:- R = heavy rain. rr = continuous moderate rain. r.f. = continuous light rain.			

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
	Morning.	Afternoon.	Night.						10 h. G.M.T.	9 h. G.M.T.					
24 HOURS ENDED 9H G.M.T. 20 th									YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	20 th & 21 st September 1920.			
												Stations.	Sunrise.	Noon.	Sunset.
												G.M.T.	G.M.T.	G.M.T.	
												G.M.T.	G.M.T.	G.M.T.	
Greenwich (Royal Observatory)	b c	b.c. b.c.	b.	65	42	37	-	10.5	46	66	Total 1356 Joules. Milliwatts. Average Rate. 30.4 Maximum Rate. 64	Yarmouth...	5.26 5.39	11.46 11.53	5.57 6.3
City (Bunhill Row) ...	*	*	*	*	*	*	*	10.0	*	*		Greenwich	5.44 5.46	11.53 12.5	6.1 6.5
Westminster (St. James's Park)	b.c.	b.c. b.c.	b.	64	45	?	-	10.6	47	65		Wick	5.53 5.55	12.5 12.34	6.15 6.45
Camden Sq. (British Rainfall)	*	*	*	66	43	42	-	*	*	74		Valencia ...	6.24 6.27	12.34 12.34	6.45 6.43
Kensington Palace ...	b.c.	b.c.	b.c.	63	43	37	-	*	60 (18h)	77					
Hamstead Observatory ...	b.c.	b.c.	b.	61	45	*	-	10.2	*	69					

NOTES ON THE WEATHER OF YESTERDAY.													
Photographic Record of		Much bright sunshine was recorded over the Kingdom generally, some stations having more than 10 hours. Temperatures failed to rise to 60° except in the South of England, and the minimum readings of the night were low. At Ross-on-Wye the sheltered thermometer fell to 32°. Frost occurred on the grass in many localities. Rain fell except at some South-Eastern stations, the quantity being slight or moderate generally, but 10 mm at Stornoway and 12 mm at Jersey. Thunder occurred at Falmouth and Calshot and lightning at Yarmouth and Clacton.											
Pole Star (Polaris) and of 8 Ursae													
Minors at Greenwich Observatory.													
Exposure from 19h. 19h. 15m. to 20h. 24h. 35m.													
Stars.	Duration of Exposure.	Duration of Record.											
Polaris	9. 30	Y. 10											
8 Ursae Minors	9. 30	S. 28											

* Information for these columns not usually received.



AIR MINISTRY.

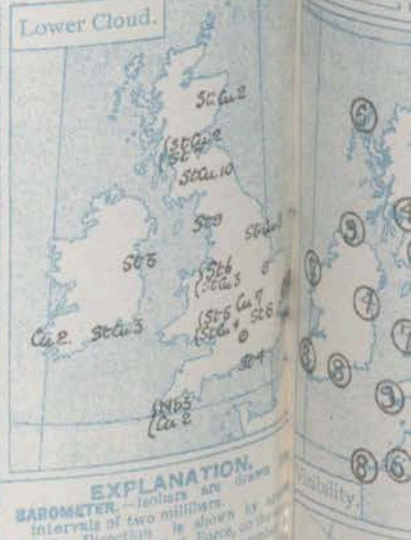
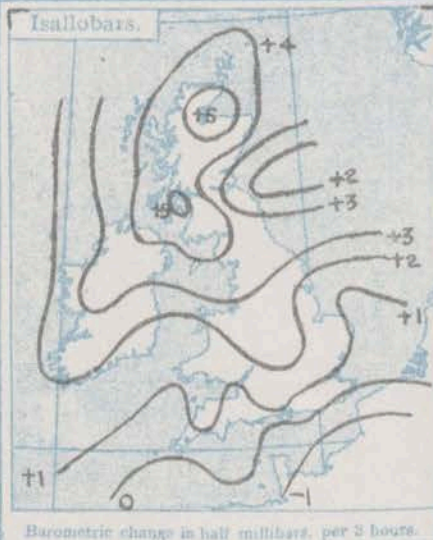
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:
BRITISH SECTION. No. B. 21488 TUESDAY... 21ST SEPTEMBER... 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H.																																					
STATIONS.	Barom. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	Barom. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.									
			Dirac.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dirac.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.										
13H. G.M.T. 20 TH																																					
Renfrew ...	1013.4	-2	SW	4	01	49	78	6	150	10	-	-	-	1014.6	+4	-	0	04	45	78	7	2000	Nb	9	-	-	-	-	-	-	-						
Esksdalemuir ...	1013.6	-2	SW	3	01	49	65	7	-	10	2	AG	6	1013.6	0	W	2	04	44	72	6	2000	Nb	10	-	-	-	-	-	-	-						
Valencia (Cahire's) ...	1020.8	3	NNW	4	06	58	65	8	3000	10	3	AG	3	1020.8	0	NNW	4	04	57	75	8	3000	10	2	AG	1	-	-	-	-	-	-					
Baldonnel ...	1018.6	-1	W	3	06	58	75	7	2000	10	2	AG	3	1018.6	0	SW	2	04	47	77	6	2000	10	9	-	-	-	-	-	-	-	-					
MANCHESTER (ALEX. HAY) ...	1015.2	-12	NW	4	02	53	65	5	4200	10	2	AG	8	1015.2	0	W	2	03	47	75	3	2000	10	4	AG	5	-	-	-	-	-	-	-				
Ross on Wye ...	1015.3	0	N	2	04	60	55	9	3000	10	4	AG	1	1015.3	0	NNW	1	04	53	80	9	2000	10	7	AG	3	-	-	-	-	-	-	-				
Falmouth ...	1015.4	-1	N	4	06	60	65	8	-	10	4	-	-	1016.4	-1	NNW	3	04	53	80	9	2000	10	7	AG	3	-	-	-	-	-	-	-				
Calshot (Hants) ...	1014.2	0	ENE	2	06	62	65	8	5700	10	5	AG	1	1013.9	0	NE	1	04	59	65	4	4200	10	10	-	-	-	-	-	-	-	-	-				
Lymington (Folkestone) ...	1014.0	0	NE	2	03	57	75	6	2000	10	8	AG	1	1014.0	0	NNW	2	04	59	65	4	4200	10	2	AG	3	-	-	-	-	-	-	-	-			
Aberdeen ...	1011.8	0	WNW	2	01	47	80	5	3000	10	10	-	-	1014.4	-4	W	3	04	43	85	7	3000	10	2	AG	2	-	-	-	-	-	-	-	-			
Howden ...	1014.2	0	NE	1	03	57	65	7	3000	10	7	AG	3	1014.2	0	-	0	03	46	75	8	5700	10	5	AG	1	-	-	-	-	-	-	-	-			
Cranwell (Lincs) ...	1014.7	-1	NW	2	01	56	75	5	3000	10	9	-	-	1014.9	-1	NNW	2	03	49	72	5	4200	10	6	AG	4	-	-	-	-	-	-	-	-			
Felixstowe ...	1014.9	0	0	0	06	60	55	8	1500	10	1	AG	1	1014.9	+1	0	0	04	55	75	7	-	10	3	-	-	-	-	-	-	-	-	-	-	-		
Shoeburyness ...	1014.6	0	W	1	06	61	65	7	4200	10	2	AG	3	1014.6	0	S	1	04	57	75	6	4200	10	5	AG	3	-	-	-	-	-	-	-	-	-		
Benson ...	1014.1	-1	N	2	04	60	55	7	-	10	2	-	-	1014.8	0	N	1	04	52	75	6	4200	10	2	-	-	-	-	-	-	-	-	-	-	-		
S. Farnborough ...	1014.3	-1	ENE	1	06	62	65	7	4200	10	4	AG	1	1014.5	0	-	0	04	53	85	5	3000	10	4	AG	1	-	-	-	-	-	-	-	-	-		
London (Kew Obs.) ...	1014.3	-2	N	1	04	59	55	7	4200	10	2	-	-	1014.4	0	-	0	04	56	65	6	3000	10	4	AG	2	-	-	-	-	-	-	-	-	-		
Croydon ...	1014.8	0	NE	2	06	59	65	5	4000	10	6	-	-	1014.8	0	-	0	03	53	72	5	3000	10	5	-	-	-	-	-	-	-	-	-	-	-	-	
1H. G.M.T. OF 21 ST																																					
Renfrew ...	1017.3	+2	N	3	06	58	85	7	-	3600	3	-	-	1023.0	+4	-	0	04	38	85	4	3000	10	9	-	-	-	-	-	-	-	-	-	-	-		
Esksdalemuir ...	1021.4	0	WSW	4	06	50	-	-	-	-	-	-	-	1021.4	+5	NNW	4	04	42	72	7	2000	10	10	-	-	-	-	-	-	-	-	-	-	-	-	
Valencia (Cahire's) ...	1021.4	0	WSW	4	06	50	-	-	-	-	-	-	-	1023.6	+2	N	2	04	44	75	8	3000	10	2	-	-	-	-	-	-	-	-	-	-	-	-	
Baldonnel ...	1021.4	0	WSW	4	06	50	-	-	-	-	-	-	-	1023.7	+3	NNW	2	04	40	77	4	1500	10	3	-	-	-	-	-	-	-	-	-	-	-	-	
MANCHESTER (ALEX. HAY) ...	1017.7	+3	ENE	6	03	50	-	-	-	-	-	-	-	1017.7	+3	ENE	6	03	45	75	0	2000	10	9	-	-	-	-	-	-	-	-	-	-	-	-	
Ross on Wye ...	1016.6	+1	-	0	04	-	-	-	-	-	-	-	-	1016.6	+1	-	0	04	41	77	6	2000	10	9	-	-	-	-	-	-	-	-	-	-	-	-	-
Falmouth ...	1016.2	+1	NW	2	01	50	85	6	-	NE	3	AG	4	1016.2	+1	NW	2	04	47	72	6	4200	10	5	-	-	-	-	-	-	-	-	-	-	-	-	
Calshot (Hants) ...	1014.9	+1	N	3	01	51	85	6	1250	10	-	-	-	1014.9	+1	N	3	01	48	97	6	1250	10	4	AG	4	-	-	-	-	-	-	-	-	-	-	-
Lymington (Folkestone) ...	1014.1	0	-	0	04	48	97	6	1250	10	-	-	-	1013.3	0	NNW	6	04	49	72	7	1250	10	10	-	-	-	-	-	-	-	-	-	-	-	-	
Aberdeen ...	1023.7	+3	NW	2	02	43	97	5	4200	10	2	-	-	1023.7	+3	NW	2	02	43	97	5	4200	10	2	-	-	-	-	-	-	-	-	-	-	-	-	
Howden ...	1018.0	+3	-	0	01	33	97	4	4200	10	3	AG	4	1018.0	+3	-	0	01	33	97	4	4200	10	3	AG	4	-	-	-	-	-	-	-	-	-	-	-
Cranwell (Lincs) ...	1018.1	+2	NNW	3	01	40	92	5	-	-	-	-	-	1018.1	+2	NNW	3	01	40	92	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Felixstowe ...	1018.4	+1	NNW	3	01	50	97	4	750	10	-	-	-	1018.4	+1	NNW	3	01	50	97	4	750	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shoeburyness ...	1014.6	0	NNW	2	01	50	92	4	3000	10	-	-	-	1014.6	0	NNW	2	01	50	92	4	3000	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benson ...	1015.5	+2	NNW	2	01	40	97	4	-	-	-	-	-	1015.5	+2	NNW	2	01	40	97	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
S. Farnborough ...	1014.5	+1	NW	1	02	44	97	5	-	-	-	-	-	1014.5	+1	NW	1	02	44	97	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
London (Kew Obs.) ...	1015.1	+2	NNW	2	01	48	85	5	750	10	-	-	-	1015.1	+2	NNW	2	01	48	85	5	750	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Croydon ...	1015.4	+1	NNW	2	03	48	77	3	1500	10	-	-	-	1015.4	+1	NNW	2	03	48	77	3	1500	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STATIONS CONTRIBUTING REPORTS AT 7H. AND 19H.																																					
STATIONS.	Barom. at M.S.L. mb.	Temp. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.				Sunshine Hours.															
			at M.S.L. mb.	Change in 3 hours.		Temp. °F.	Change in 24 hours.	Dirac.	Force 0-12.	Max. °F.	Min. °F.					Morning.	Afternoon.	Night.	Hours.																		
18H. G.M.T. OF 20 TH																						7H. G.M.T. OF 21 ST								24 HOURS ENDED 7H. 21 ST							
Lerwick ...	1013.5	47	NW	1	06	1023.6	+4	47	+7	E	1	E	06	0	1	63	25	bcu	bcu	bcu	4																
Stornoway ...	1016.4	46	N	5	06	1024.7	+4	47	+3	NE	2	-	04	1	11	48	41	bcu	bcu	corn	?																
Castlebay (Barra) ...	1017.8	48	ENE	4	06	1024.0	+4	49	+2	N	3	-	0	3	3	50	45	bcu	bcu	bcu	3.9																
Malin Head ...	1015.3	48	N	4	06	1021.3	+3	48	-3	N	3	N	06	3	5	54	44	ogp	ogp	bcu	2.0																
Blackad Point ...	1019.3	51	NW	3	01	1024.2	+2	48	-1	NW	2	-	06	2	2	57	45	bcu	bcu	bcu	?																
Roche's Point ...	1019.1	53	NW	3	01	1021.4	+2	45	-1	N	3	-	0	2	0.3	59	44	bcu	c.p.c	c.b	?																
Burr Castle ...	1017.2	50	NW	1	01	1022.0	-	40	+6	NW	1	-	06	1	1	37	35	c	o.p.c	c.b.c	2.6																
Donaghadee ...	1014.6	49	W	3	01	1021.1	+4	48	+4	ENE	4	-	04	2	2	33	44	om	om	bcu	?																
Liverpool (Widau) ...	1014.9	50	NW	1	06	1017.5	+3	45	-5	E	2	-	04	2	3	55	44	0	bcu	om	2.0																
Holyhead ...	1010.8	49																																			

SUMMARY OF CONDITIONS AT 7 h.G.M.T. 21.9.20.

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

Temperature reported from Coastal and Cross Channel Steamers.				
Position Number	Date	Time G.M.T.	Sea ° F	Air ° F
3	20 th	0925	56	52.5
1	20 th	11.20.	59	54
6	20 th	14.15	60	60
2	21 st	01.05	55	52
4	21 st	02.35	56	50
12.	21 st	0320	53	49



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

A shallow depression over the Eastern Channel is moving S.E. and the barometer is again rising over the Kingdom generally. Winds will continue Northerly and will maintain rather low temperature. Weather is likely to be mainly fair but local showers or rain are probable, especially on the East Coast.

EXPLANATION.
BAROMETER.—Inches are drawn
 intervals of two millions.
WIND.—Direction is shown by an arrow
 flying with the wind. Force, on the
 0-12, is indicated by the number of
 feathers. Mean velocity is shown in
 per hour by figures in small circles.
TEMPERATURE is given in degrees.
WEATHER SYMBOLS.
 clear sky. ☉ sky 1/2 clouded.
 ☁ overcast sky. ☁ rain falling.
 * snow. ☁ clear. A hail.
 ☁ fog. ☁ mist.
 T is thunder. ☁ thunderstorm.
SEA DISTURBANCE. High waves.
 Rough ~~~~~

Further Outlook.

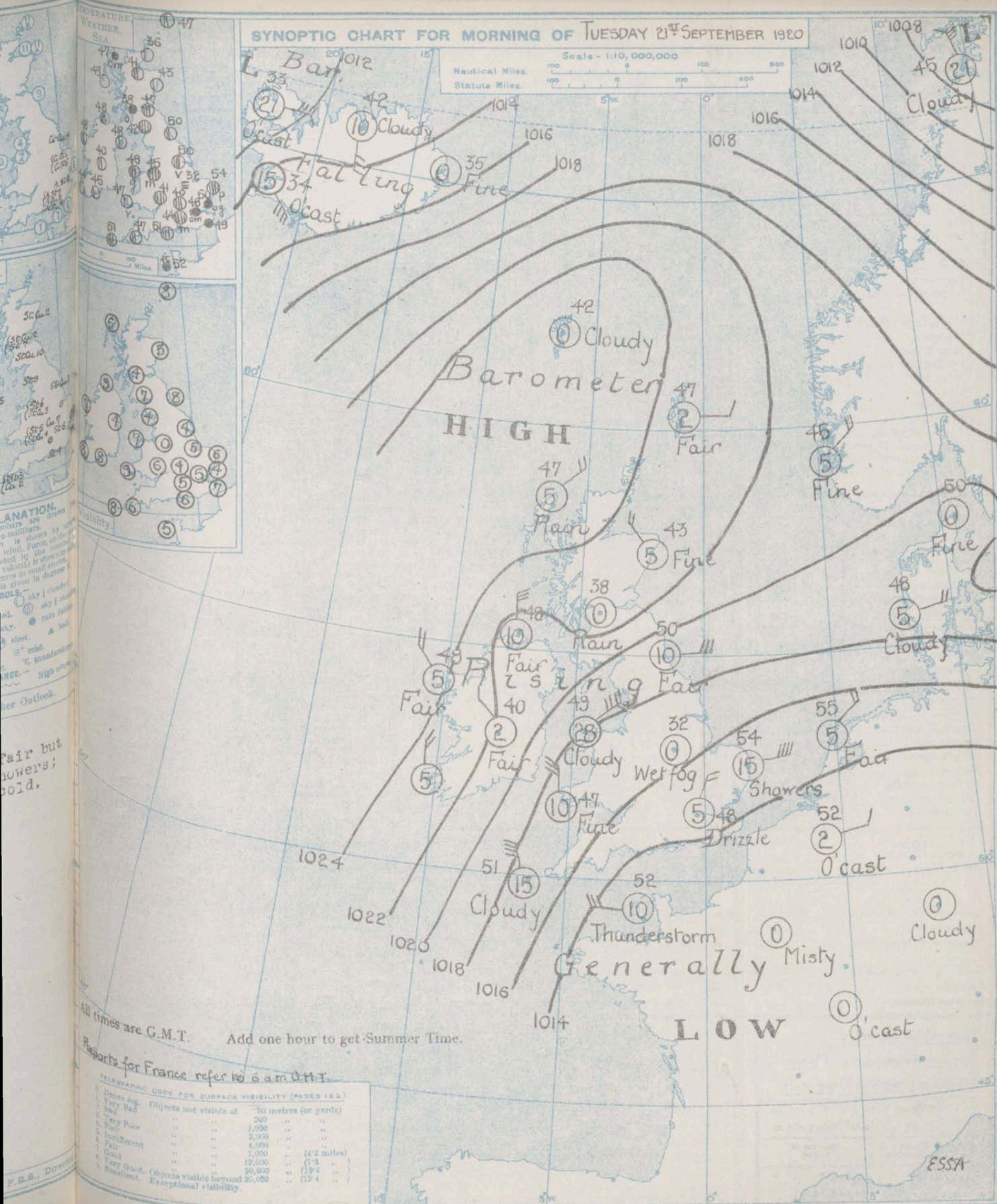
Districts.	Forecasts for the 24 hours commencing 15h.G.M.T. Tuesday, 21st September 1920.
1. S.E. England	Wind N or N.E, light or moderate; cloudy, some rain or showers, especially on East Coast; visibility indifferent to fair; rather cold.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	Wind N or N.E, light or moderate; variable sky, local showers or slight rain; visibility indifferent to fair; local mist or fog; rather cold.
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	Winds light variable; fair at first, probably less fair later; visibility fair; rather cold.
14. N.&N.W.Scot-land	
15. Hebrides	
16. Orkneys and Shetlands	Winds light Northerly; fair, but local showers; visibility fair to good but some mist inland; rather cold.
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

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Mainly fair but
local showers;
rather cold.

SYNOPTIC CHART FOR MORNING OF TUESDAY 21ST SEPTEMBER 1920

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



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

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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 122)		
Code	Objects not visible at	in metres (or yards)
0	Very fog	200
1	Very Bad	1,000
2	Poor	2,000
3	Indifferent	4,000
4	Fair	7,000
5	Very Good	12,000
6	Excellent	20,000
7	Exceptional visibility	30,000

ESSA

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 20TH

STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-19h.	Day. 9h-17h.	to 17h.	Sunrise to Sun- set.			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-19h.	Day. 9h-17h.	to 17h.	Sunrise to Sun- set.	
Scotland.		Oban								England, N.W.	Douglas (L.O.M.)	*	*	53	45	1	1	0.0	?	
		Banff									Blackpool	op	bc.c	55	47	3	-	1.8	6.4	
		Montrose	bc.o	or	53	42	-	2	2.4	?	Southport	c.bc.c	o.c	54	48	3	-	3.1	6.0	
		St. Andrews	or	or	54	38	-	3	3.0	?	Morecambe	*	*	54	37	-	-	1.5	?	
England, N.E.		Harrogate	b.bc	c.o	54	38	-	-	4.3	3.0	Midlands.	Buxton	bc.b.c	bc.c.c	54	35	-	-	5.1	5.2
		Scarborough	b	or	59	40	-	1	3.0	2.9		Leamington Spa	c	c	59	35	-	-	6.7	3.8
		Skegness	o.c.b	bc.sm	59	38	0.3	-	6.8	?		Malvern	b.bc	c.s	61	42	-	0.2	8.2	?
		Lowestoft	b.b.bc	bc	61	44	-	-	10.0	7.5		Bath	b	bc.b	61	35	-	-	9.2	10.8
England, E.		Felixstowe	bc	b	62	43	-	-	9.3	9.9	Wales.	Rhyl	bc.c	c.bc.c	58	39	-	-	1.8	8.0
		Southend-on-Sea	c.bc.c	c.bc	64	45	-	-	4.2	9.3		Colwyn Bay	*	*	58	46	2	1	2.0	8.0
England, S.E.		Tunbridge Wells	o.c	bc.c	63	44	-	-	3.5	7.2	England, S.W.	Llandudno	c.o	o	56	40	3	-	0.5	?
		Margate	c	c.b.bc	59	49	-	-	4.0	8.4		Aberystwyth	gc.o	cl.e.o	56	40	-	-	0.5	?
		Ramsgate	*	*	59	45	-	-	4.6	8.6		Tenby	b	bc.c	61	40	-	-	0.5	?
		Folkestone	o.c	c.o	60	46	0.3	-	3.6	7.8		Swansea	*	*	64	45	-	-	4.6	?
		Hastings	o.c.bc	bc.op	63	47	3	0.2	3.1	8.5		Weymouth	bc	bc	63	47	2	-	2.1	6.4
		Eastbourne	bc	c.or	61	47	1	0.2	4.2	8.8	Teignmouth	c.b.bc	b	62	46	-	-	9.0	5.8	
		Brighton	bc	cr	64	48	2	-	3.8	8.0	Torquay	bc.m.bc	b.bc.b	62	48	-	-	4.9	5.8	
		Worthing	b.bc	bc.o	62	43	1	-	5.3	9.2	Paignton	bc	b.bc	61	46	4	-	10.1	6.3	
		Littlehampton	bc	o.c.o	63	57	3	-	3.0	?	Penzance	bc	b.bc	61	46	4	-	9.4	7.0	
		Portsmouth (S'Issea)	*	*	62	49	0.4	-	3.5	9.2	Newquay	bc	bc.c	58	41	-	-	9.3	8.2	
		Bournemouth	*	*	62	44	1	-	4.5	8.0	Bude	w.b.b	b	64	33	0.1	-	9.3	?	
		Ventnor (I. of W.)	*	*							Ilfracombe	b	o	60	?	-	-	9.0	1.5	
											Weston-s-Mare	bc.b	b.bc	60	42	-	-			

SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	7h-15h.	15h-18h.	Max. °F.	Min. °F.	Night. 17h-19h.	Day. 19h-17h.	to 17h.	Sunrise to Sunset.
Renfrew ...	bc	bc	51	32	26	2	-	0.8
Eskdalemuir ...	bc	bc	50	36	32	3	0.2	1.3
Valencia (Cabrera) ...	bc	bc	58	41	39	1	1	0.1
Baldonnel ...	bc	bc	53	35	-	1	0.5	0.5
MANCHESTER (ALX. PK)	c.o	bc	57	37	33	-	0.5	?
Ross on Wye ...	bc	bc	62	38	34	-	-	8.1
Falmouth ...	bc	bc	62	45	39	-	1	9.7
Calshot (Hants) ...	bc	bc	64	47	-	-	-	6.1
Lympne (Folkestone) ...	bc	bc	59	48	45	0.2	2.2	2.7
Aberdeen ...	bc	bc	54	38	34	2	1	2.6
Howden ...	bc	bc	56	29	24	-	-	3.5
Cranwell (Lincs) ...	bc	bc	53	37	-	-	-	5.4
Felixstowe ...	bc	bc	63	54	-	-	-	?
Shoeburyness ...	bc	bc	63	44	45	-	11	4.2
Benson ...	bc	bc	61	37	34	-	-	?
S. Farnborough ...	bc	bc	62	40	39	-	-	8.4
London (Kew Obs.) ...	bc	bc	61	43	41	-	-	9.6
Croydon ...	bc	bc	60	48	-	-	-	?

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 at about 30 feet above ground.	
	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	1.5-3.5
3	8-12	3.5-5.4
4	13-18	5.4-7.9
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

SYMBOLS—

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

LONDON OBSERVATIONS.

	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.			
	Morning.	Afternoon.	Night.	°F.	°F.	°F.	mm.	Hours.	1881.	1911.
									G.M.T.	G.M.T.
24 HOURS ENDED 21 ST SEPTEMBER 1920.										
									YESTERDAY.	TO-DAY.
Greenwich (Royal Observatory)	b.	b. bc.c	c.o. or	63	47	46	4	6.4	57	94
City (Bunhill Row)	*	*	*	*	*	*	*	8.0	*	*
Westminster (St. James's Park)	bc.	bc. or	or	64	48	45	4	8.2	50	93
.. .. .										
Camden Sq. (British Rainfall)	b. bc.	bc. c	*	65	47	46	4	*	51	99
Kensington Palace	bc	bc	*	64	46	43	3	*	72 (18)	96
Hampstead Observatory ...	bc. c	c	*	63	45	41	4	10.0	*	97

SOUTH KENSINGTON (Meteorological Office).

	HUMIDITY %	
	15 h.	9 h.
Vertical Component of Solar Radiation per Square Centimetre during yesterday.	157	107
Total ...	157	107
Average Rate.	263	96
Maximum Rate.	57	97

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

Stations.	21 ST & 22 ND SEPTEMBER 1920.	
	Sunrise.	Sunset.
Greenwich	5.39	6.52
Wick	5.46	6.59
Valencia	5.53	7.06

Photographic Record of

Pole Star (Polaris) and of δ Ursae

Minoris at Greenwich Observatory.

Exposure from 20TH 19TH h. 15TH m. to 21ST 9TH h. 45TH m.

Stars.	Duration of Exposure.	Duration of Record.
Polaris	h. m.	h. m.
δ Ursae	No.	REGISTER.
Minoris		

NOTES ON THE WEATHER OF YESTERDAY.

Some rain fell in nearly all districts and thunderstorms were reported in several localities. At Dungeness 26 mm fell during the night. Sunshine was most abundant on the East and South Coasts, Penzance recording 10.1 hours and Lowestoft 10 hours up to 17h GMT. Temperature continued low, the air temperature falling below freezing point at Nottingham and Howden.

ON



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 21489.

WEDNESDAY, 22nd SEPTEMBER, 1920.

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

STATIONS	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.																											
			Force 0-12.	Dirac.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Force 0-12.	Dirac.						Form.	Amt. 0-10.																														
13H. G.M.T. 21 st																												18H. G.M.T. OF 21 st																											
Renfrew ...	1025.5	+2	ENE	2	cy	64	65	6	5,700	Sc	6	Sc	2	*	1027.4	+2	ENE	2	bc	50	65	8	-	-	-	-	-	-	-	*																									
Eskdalemuir ...	1020.4	+4	NE	5	cy	62	55	8	3,000	cu	6	-	-	*	1027.4	+4	NNE	3	o	47	75	8	1,200	Sc	10	-	Sc	1	*																										
Valencia (Cahbre'n)	1025.3	-1	NNE	4	c	55	65	8	3,000	cu	7	-	-	3	1025.8	+4	N	4	bc	57	75	8	3,000	cu	2	Sc	3	3	*																										
Baldonnell	1023.7	-1	N	1	c	50	92	4	1,250	Sc	9	-	-	*	1025.9	+2	NNE	2	bc	50	85	5	2,000	Sc	3	AS	3	*	*																										
MANCHESTER (ALEX. PARK)	1022.9	+2	NE	5	cy	53	70	6	5,700	Sc	7	-	-	*	1023.0	+2	NE	5	cy	48	75	4	5,700	Sc	9	-	-	-	*																										
Ross on Wye ...	1018.2	+1	NE	5	bc	57	65	6	1,200	cu	5	cu	1	*	1019.8	+2	NE	3	cy	57	75	5	1,200	Sc	9	AS	1	*	*																										
Palmouth ...	1017.9	+1	NNE	3	o	50	85	7	-	cu	9	-	-	*	1010.4	+2	NNE	2	cy	57	85	6	-	cu	3	-	-	-	*																										
Calshot (Hants) ...	1016.4	+2	NE	3	o	53	85	7	1,250	Sc	10	-	-	3	1016.7	+1	NE	3	cy	57	97	5	1,250	Sc	10	-	-	-	3	*																									
Lymington (Folkestone)	1014.3	+2	N	2	o	57	97	5	1,250	Sc	10	-	-	*	1015.1	+1	N	4	cy	53	97	5	1,250	Sc	10	-	-	-	-	*																									
Aberdeen ...	1026.9	+2	E	2	cy	60	55	8	3,000	cu	1	-	-	2	1028.1	+2	E	1	bc	49	85	8	-	-	-	-	-	-	2	*																									
Howden ...	1020.5	0	NE	4	cy	55	75	8	2,000	cu	3	Sc	4	*	1022.5	+1	NE	5	c	53	85	7	1,200	Sc	5	AS	3	*	*																										
Cranwell (Lincoln)	1019.4	+1	NE	4	cy	54	85	7	1,200	cu	7	cu	18	*	1020.9	+2	NE	4	o	53	97	7	3,000	Sc	10	-	-	-	4	*																									
Felixstowe ...	1016.0	0	N	4	o	54	85	6	1,200	Sc	6	AS	3	2	1017.4	+2	N	3	c	53	92	6	3,000	Sc	5	AS	2	1	*																										
Shoeburyness ...	1015.3	+1	NE	3	o	57	92	4	1,200	cu	7	AS	3	*	1016.0	+1	NE	3	bc	53	85	6	3,000	Sc	4	AS	2	*	*																										
Benson ...	1015.8	+1	NNE	3	o	56	92	4	-	Sc	10	-	-	*	1018.0	0	NNE	2	o	57	97	4	-	Sc	10	-	-	-	*																										
S. Farnborough ...	1016.4	+1	NNE	2	o	59	97	5	1,200	Sc	7	AS	3	*	1017.5	+1	NNE	2	o	57	97	5	2,000	Sc	6	AS	4	*	*																										
London (Kew Obs.)	1016.3	0	N	2	o	58	92	4	1,250	Sc	8	AS	2	*	1017.6	+2	NNE	3	o	57	92	3	1,250	Sc	8	AS	2	*	*																										
Croydon ...	1016.6	+1	NE	4	cy	49	92	4	750	Sc	10	-	-	*	1017.2	+1	NE	4	cy	52	92	4	750	Sc	8	AS	2	*	*																										
1H. G.M.T. OF 22 nd																												7H. G.M.T. OF 22 nd																											
Renfrew ...	1029.1	+2	-	0	bc	40	92	8	-	Sc	1	-	-	*	1030.8	+2	-	0	cy	31	97	0	750	Sc	10	-	-	-	-	*																									
Eskdalemuir ...	1027.7	0	NNE	2	bc	59	-	-	-	-	-	-	-	2	1029.9	+1	N	1	bc	40	92	7	-	cu	1	-	-	-	-	*																									
Valencia (Cahbre'n)	1028.1	+1	-	0	c	42	97	5	2,000	Sc	7	-	-	*	1028.4	+1	ENE	1	bc	37	92	8	-	-	AS	4	2	-	-	*																									
Baldonnell	1028.1	+1	-	0	c	42	97	5	2,000	Sc	7	-	-	*	1028.8	+1	-	0	c	42	97	4	2,500	Sc	7	-	-	-	-	*																									
MANCHESTER (ALEX. PARK)	1028.1	+1	-	0	c	42	97	5	2,000	Sc	7	-	-	*	1028.8	+1	-	0	c	42	97	4	2,500	Sc	7	-	-	-	-	*																									
Ross on Wye ...	1021.2	0	N	5	c	52	75	6	-	Sc	7	-	-	*	1026.3	+2	NNE	3	bc	49	75	3	1,250	Sc	1	-	-	-	-	*																									
Palmouth ...	1021.2	0	N	5	c	52	75	6	-	Sc	7	-	-	*	1023.9	+2	NE	4	cy	51	85	6	2,000	Sc	10	-	-	-	-	*																									
Calshot (Hants) ...	1019.2	+2	NE	3	o	53	92	8	-	Sc	10	-	-	3	1020.3	+2	NNE	3	o	54	92	8	1,250	Sc	10	-	-	-	-	3	*																								
Lymington (Folkestone)	1017.2	+1	N	5	bc	51	92	7	1,250	Sc	3	-	-	*	1018.4	+1	N	2	o	52	97	6	1,250	Sc	9	-	-	-	-	*																									
Aberdeen ...	1025.1	+1	NE	4	cy	49	92	6	3,000	Sc	7	AS	3	*	1029.8	0	NNW	1	bc	36	97	3	-	-	-	-	-	-	2	*																									
Howden ...	1023.5	0	ENE	4	cy	49	92	5	3,000	Sc	6	AS	3	*	1025.8	+2	NNE	3	bc	46	97	7	5,700	Sc	1	AS	1	-	-	*																									
Cranwell (Lincoln)	1023.5	0	ENE	4	cy	49	92	5	3,000	Sc	6	AS	3	*	1023.9	+2	NE	5	o	52	92	6	2,000	Sc	10	-	-	-	-	*																									
Felixstowe ...	1019.6	+1	NNE	3	c	54	97	6	2,000	cu	8	-	-	*	1019.6	+1	NNE	3	c	54	97	6	2,000	cu	8	-	-	-	-	1	*																								
Shoeburyness ...	1019.6	+1	NE	2	o	53	92	5	2,000	cu	4	AS	5	*	1020.8	+1	NNE	4	o	52	92	4	-	Sc	10	-	-	-	-	*																									
Benson ...	1020.1	+2	NNE	2	o	52	97	5	1,250	Sc	10	-	-	*	1020.1	+2	NNE	2	o	52	97	5	1,250	Sc	10	-	-	-	-	-	*																								
S. Farnborough ...	1020.3	+2	N	3	cy	54	85	3	1,250	Sc	8	AS	2	*	1020.3	+2	N	3	cy	54	85	3	1,250	Sc	8	AS	2	-	-	*																									
London (Kew Obs.)	1020.3	+1	NE	4	cy	53	92	4	750	Sc	9	AS	1	*	1020.3	+1	NE	4	cy	53	92	4	750	Sc	9	AS	1	-	-	*																									
Croydon ...	1020.3	+1	NE	4	cy	53	92	4	750	Sc	9	AS	1	*	1020.3	+1	NE	4	cy	53	92	4	750	Sc	9	AS	1	-	-	*																									
STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.																																																							
STATIONS	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		WEATHER	BAROMETER. at M.S.L. mb.	TEMPERATURE.		WIND.		DIREC. of Upper Cloud.	WEATHER.	SEA 0-9.	RAINFALL mm.	TEMP.		WEATHER.			SUNSHINE Hours.																																			
			Force 0-12.	Dirac.			Temp. °F.	Change in 24 hours.	Dirac.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.																																				
18H. G.M.T. OF 21 st																						7H. G.M.T. OF 22 nd						24 HOURS ENDED 7H. OF 22 nd						21 st																					
Lerwick ...	1024.1	51	S	1	bc	1027.2	0	48	11	SW	2	-	bc m	0	1	54	40	bc	bc	bc m	5.3																																		
Stornoway ...	1024.2	50	-	0	bc	1026.3	0	50	13	S	3	-	0	2	2	54	41	or. bc	bc	bc	5.3																																		
Castlebay (Barrals)	1024.5	51	SE	2	o	1027.5	0	53	14	E	4	-	0	4	-	53	47	bc	bc	bc	9.9																																		
Malin Head ...	1025.7	51	NE	2	bc	1027.4	0	45	3	SE	2	N	bc	1	1	53	44	bc	bc	bc	9.9																																		
Blackod Point ...	1025.6	53	NE	3	bc	1026.0	0	54	16	-	0	-	bc	1	-	57	48	bc	bc	bc	-																																		
Roche's Point ...	1025.1	51	NNE	2	bc	1027.5	+1	45	0	N	2	-	bc	1	-	58	45	bc	bc	bc	-																																		
Birr Castle ...	1025.9	52	NE	1	c	1028.6	-	31	-9	-	0	-	f	-	-	55	31	bc	bc	bc	8.6																																		
Donaghadee ...	1025.8	53	NNE	1	bc	1028.5	+1	50	12	ESE	3	-	bc	2	-	56	47	bc	bc	bc	-																																		
Liverpool (Bidston)	1022.9	52	NE	2	bc	1027.2	+1	47	12	NE	1	NE	bc	2	-	56	45	bc	bc	bc	5.3																																		
Holyhead ...	1023.9	54	NE	5	bc	1026.9	+1	51	12	ENE	4	-	bc	3	2	56	46	bc	bc	bc	6.8																																		
Pembroke (St. Ann's Head)	1021.9	52	ENE	2	bc	1025.8	+1	51	14	NE	3	NE	c	3	1	55	45	bc	bc	bc	5.6																																		
Scilly (St. Mary's)	1019.8	52	NE	3	bc	1023.1	+1	54	13	NNE	3	N	bc	4	7	55	47	bc	bc	bc	7.6																																		
Jersey (St. Aubin)	1015.9	54	N	2	bc	1018.4	+1	53	11	NE	2	-	o	2	32	57	48	bc	bc	bc	0.0																																		
Portland Bill ...	1016.6	55	NNE	5	o	1020.3	+5	54	13	NNE	5	NE	c	5	0.1	59	48	bc	bc	bc	-																																		
Dungeness ...	1014.3	54	NE	3	bc	1017.4	+1	51	12	NNE	3	SE	bc	3	3	59	48	bc	bc	bc	-																																		
Wick ...	1024.4	49	S	3	bc	1026.1	0	45	9	SW	2	-	bc	1	-	52	35	bc	bc	bc	-																																		
Nairn ...	1027.6	48	E	1	bc	1028.9	-	36	-5	-	0	-	bc	0	-	52	33	bc	bc	bc	7.8																																		
Leith ...	1027.4	51	E	2	bc	1030.0	0	38	-9	SW	1	SW	bc m	1	-	57																																							

* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

§ For code see page 3

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

22.9.1920

Temperature reported from Coastal and
Cross Channel SteamersCHART OF
POSITION
NUMBERS
AND
Upper
Cloud

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Cloudy or overcast, local (rain and mist)	fair	Slight
2. E. England	Cloudy or overcast; local (rain and thunder)	Fair	Moderate
3. E. Midlands	Overcast.	Indiff	-
4. W. Midlands	Fair to overcast, local (mist)	Indiff	-
5. S.W. England	Fair to cloudy	Good	Moderate
6. South Wales	Cloudy	Good	Slight
7. North Wales	Fine or Fair	Good	Slight
8. N.W. England	Fine, mist locally	Indiff	Slight
9. N. Midlands	Mainly fine or fair, local (mist)	Fair	
10. N.E. England	Variable sky, showers at (Sourn)	Good	Moderate
11. E. Scotland	Fine to cloudy, local mist	Poor	Smooth
12. S.W. Scotland	variable cloud, local fog	variable	Smooth
13. Isle of Man	Fine	Fair	Slight
14. N. & N.W. Scotland	Fair to overcast.	Fair	Smooth
15. Hebrides	Overcast	Good	Smooth
16. Orkneys and Shetlands	Fair, local mist	Fair	Smooth
17. N.W. Ireland	Fair.	V. Good	Smooth
18. N.E. Ireland	Fine or fair, local (squalls)	Good	Smooth
19. S.E. Ireland	Fine or fair, local fog	-	Slight
20. S.W. Ireland	Fine or fair (inland)	Good	Smooth



Lower Cloud.



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

The barometer is rising slowly over England and Ireland and an anticyclone which extends from the South-west of Ireland to the South-west of Norway will be attended by fair weather over the greater part of the Kingdom, but a depression which still exists over France and Belgium will cause further rains or showers in the East and South East of England.

EXPLANATION.
BAROMETRIC.—Isobars are drawn at intervals of two millibars.
WIND.—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.
TEMPERATURE.—Isobars are drawn at intervals of two millibars.
WEATHER SYMBOLS.—
☉ clear sky.
☁ sky & clouded.
☁ overcast sky.
☁ fog.
☁ rain.
☁ snow.
☁ thunder.
☁ high wind.
☁ low wind.
☁ high sea.
☁ low sea.
☁ rough sea.
☁ calm sea.

Further Outlook.

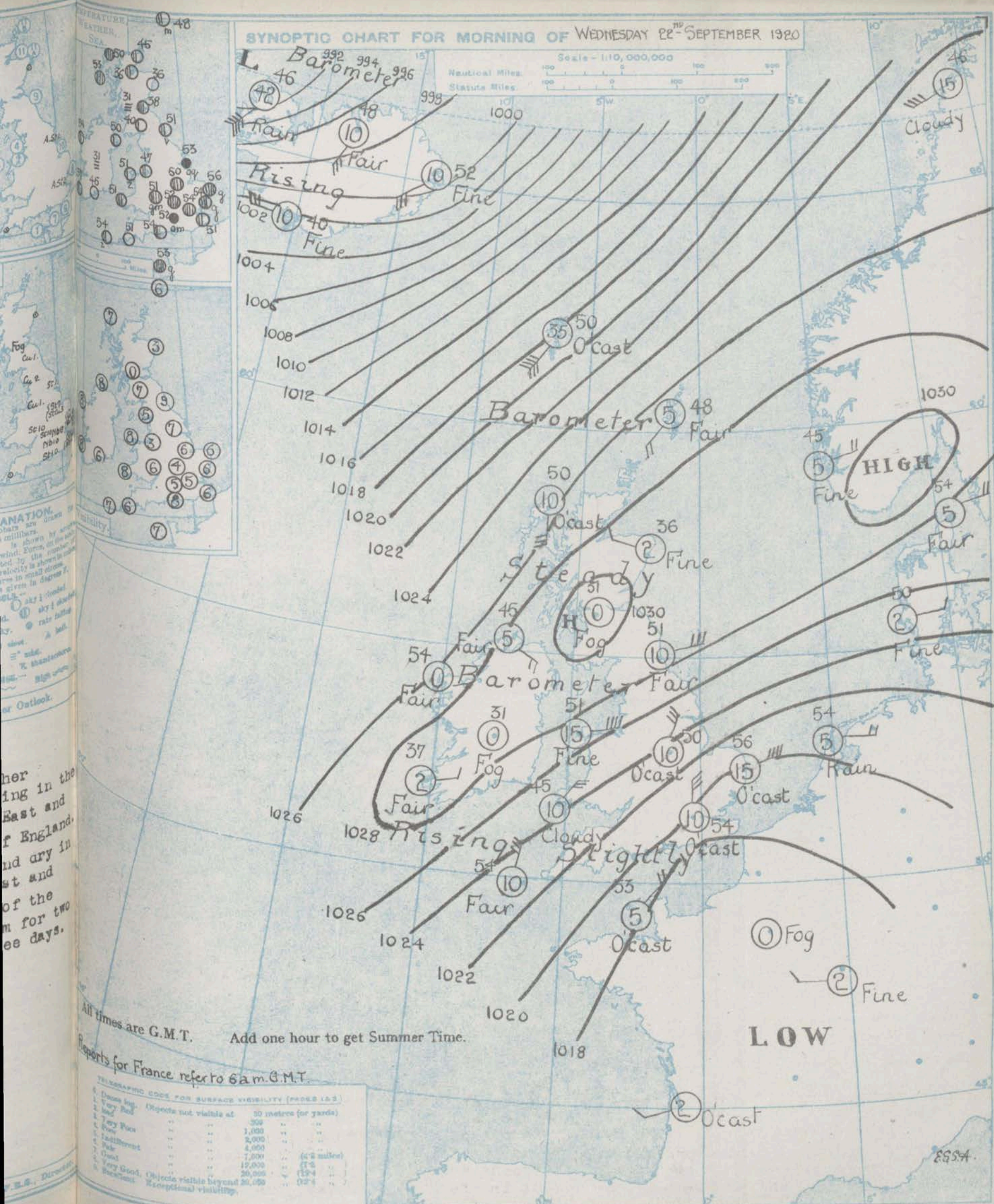
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T.
1. S.E. England	Wind North-East or North, light or moderate. Fresh locally; Much cloud, some showers, fairer intervals. Visibility indifferent to fair. Very cool. Local Ground frost at night.
2. E. England	
3. E. Midlands	
4. W. Midlands	Wind North East or North, light or moderate. Fair generally, overcast at times. Visibility fair. Very cool, local ground frost at night.
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	Same as 1 - 3.
11. E. Scotland	
12. S.W. Scotland	Wind light variable. Fair. visibility mainly good, but mist locally. Very cool. Frost inland at night.
13. Isle of Man	
14. N. & N.W. Scotland	Wind South-west, light. Fair or cloudy; Visibility fair. Moderate temperature.
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Wind light, North Easterly or variable; Fair, local mist or fog, but visibility otherwise good. Cool; local frost inland at night
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

weather improving in the South-East and East of England. Fair and dry in the west and North of the Kingdom for two or three days.

SYNOPTIC CHART FOR MORNING OF WEDNESDAY 22ND SEPTEMBER 1920

Scale - 1:10,000,000

Nautical Miles
Statute Miles



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

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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 123)		
Code	Meaning	Notes
1	Very Poor	Reports not visible at 30 metres (or yards)
2	Poor	"
3	Fair	"
4	Good	"
5	Very Good	"
6	Exceptional	"
7	Cloudy	"
8	Fog	"
9	Thunder	"
10	Drizzle	"
11	Snow	"
12	Ice	"
13	Wind	"
14	Pressure	"
15	Temperature	"
16	Humidity	"
17	Direction	"
18	Force	"
19	State of sky	"
20	Clouds	"
21	Wind	"
22	Force	"
23	Direction	"
24	State of sky	"
25	Clouds	"
26	Wind	"
27	Force	"
28	Direction	"
29	State of sky	"
30	Clouds	"
31	Wind	"
32	Force	"
33	Direction	"
34	State of sky	"
35	Clouds	"
36	Wind	"
37	Force	"
38	Direction	"
39	State of sky	"
40	Clouds	"
41	Wind	"
42	Force	"
43	Direction	"
44	State of sky	"
45	Clouds	"
46	Wind	"
47	Force	"
48	Direction	"
49	State of sky	"
50	Clouds	"
51	Wind	"
52	Force	"
53	Direction	"
54	State of sky	"
55	Clouds	"
56	Wind	"
57	Force	"
58	Direction	"
59	State of sky	"
60	Clouds	"
61	Wind	"
62	Force	"
63	Direction	"
64	State of sky	"
65	Clouds	"
66	Wind	"
67	Force	"
68	Direction	"
69	State of sky	"
70	Clouds	"
71	Wind	"
72	Force	"
73	Direction	"
74	State of sky	"
75	Clouds	"
76	Wind	"
77	Force	"
78	Direction	"
79	State of sky	"
80	Clouds	"
81	Wind	"
82	Force	"
83	Direction	"
84	State of sky	"
85	Clouds	"
86	Wind	"
87	Force	"
88	Direction	"
89	State of sky	"
90	Clouds	"
91	Wind	"
92	Force	"
93	Direction	"
94	State of sky	"
95	Clouds	"
96	Wind	"
97	Force	"
98	Direction	"
99	State of sky	"
100	Clouds	"

WEDNESDAY, 22nd SEPTEMBER

22nd SEPTEMBER

* Information for these columns not usually received.



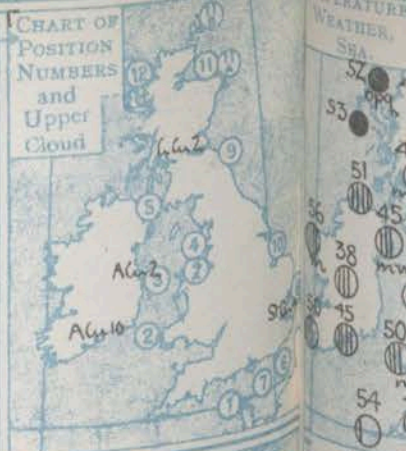
AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:
BRITISH SECTION. No. B.21490. THURSDAY, 23rd SEPTEMBER, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.																																	
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea					
			Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dir.	Force 0-12.						Form.	Amt. 0-10.								
			13H. G.M.T. 22 nd														18H. G.M.T. OF 22 nd												1H. G.M.T. OF 23 rd				
Renfrew ...	1028.7	-3	-	0	02f	54	80	2	750	St	8	Ac	1	1	1026.9	-1	-	0	0	52	75	2	-	-	-	Ac	3	1					
Eskdalemuir ...	1028.6	-1	ENE	1	0	54	65	8	2000	Ac	2	-	-	1	1027.7	-1	NNE	1	0	48	80	8	-	-	-	Ac	2	1					
Valencia (Cahire's)	1028.5	-1	WNW	3	C	55	75	8	-	-	-	Ac	8	2	1027.7	-1	WNW	1	0	54	75	8	-	-	-	Ac	2	1					
Baldonnel ...	1028.3	-1	-	0	00f	56	80	4	750	Ac	3	Ac	3	1	1027.4	0	E	2	0	52	85	0	2000	St	2	Ac	5	1					
MANCHESTER (Alex. W.)	1026.0	-1	NE	5	09f	57	75	4	2000	Ac	2	Ac	1	1	1026.2	-1	ENE	4	03	54	75	4	2000	St	10	-	-	1					
Ross on Wye ...	1025.9	-2	NE	5	09m	56	75	5	2000	St	8	Ac	1	1	1024.4	-1	NE	3	09f	54	85	5	1200	St	9	Ac	1	1					
Falmouth ...	1025.5	0	NNE	3	C	60	65	7	-	St	7	-	-	1	1025.2	0	N	3	02f	56	75	4	-	St	8	-	-	1					
Calshot (Hants) ...	1020.8	-1	NE	3	01f	60	85	7	2000	Ac	9	-	-	2	1021.9	-1	E	3	0	67	85	8	2000	Ac	9	-	-	1					
Lymington (Folkestone)	1020.3	0	SSW	3	07m	56	85	5	2000	Ac	8	Ac	1	1	1021.7	-1	ENE	1	00m	58	92	5	4400	Ac	4	-	-	1					
Aberdeen ...	1028.9	-2	SSW	3	0	55	65	8	-	-	-	-	-	2	1027.4	-1	S	2	00f	50	75	5	-	-	-	Ac	6	2					
Howden ...	1026.1	-2	NE	5	09	55	85	7	2000	St	10	-	-	1	1026.3	0	NNE	3	0	52	92	7	2000	St	10	-	-	1					
Cranwell (Lines) ...	1024.3	0	NE	5	01f	54	97	6	750	Ac	10	-	-	1	1024.6	-1	NNE	3	01f	54	97	6	750	St	9	-	-	1					
Felixstowe ...	1021.4	-1	ENE	3	07	61	85	7	2000	Ac	10	-	-	1	1022.6	-1	NW	2	00f	58	97	6	-	Ac	2	Ac	4	1					
Shoeburyness ...	1021.1	-1	NE	4	0	56	92	4	-	St	10	-	-	1	1020.8	-1	NE	1	0	59	95	7	4400	St	2	Ac	1	1					
Benson ...	1021.0	0	NE	2	00	57	85	5	1250	Ac	10	Ac	1	1	1022.7	-1	-	0	0	50	92	7	-	Ac	1	-	-	1					
S. Farnborough ...	1021.0	0	NE	2	00	57	85	5	1250	Ac	10	Ac	1	1	1022.7	-1	NNE	2	00f	55	92	5	3000	St	6	Ac	2	1					
London (Kew Obs.) ...	1021.0	0	ENE	2	00f	56	85	4	750	St	10	Ac	2	1	1022.5	-1	NE	2	00f	58	75	4	2000	St	6	Ac	2	1					
Croydon ...	1021.0	0	ENE	2	00f	56	85	6	1250	Ac	8	Ac	1	1	1022.7	-1	E	1	00f	56	85	5	1250	Ac	9	Ac	1	1					
1H. G.M.T. OF 23 rd												7H. G.M.T. OF 23 rd												2H. G.M.T. OF 23 rd									
Renfrew ...	1027.5	-1	-	0	0x	55	97	7	-	St	1	-	-	1	1025.0	0	-	0	04f	44	97	2	750	St	7	Ac	2	4					
Eskdalemuir ...	1027.6	0	-	0	00	56	80	8	-	-	-	-	-	1	1026.3	0	-	0	04f	40	97	2	750	St	10	-	-	1					
Valencia (Cahire's)	1027.6	0	-	0	00	56	80	8	-	-	-	-	-	1	1025.1	-1	SE	2	0	50	92	8	4400	St	8	-	-	1					
Baldonnel ...	1026.7	-1	-	0	0	58	97	4	3000	Ac	1	-	-	1	1025.9	0	S	2	00f	40	97	5	-	-	-	Ac	2	1					
MANCHESTER (Alex. W.)	1026.7	-1	-	0	0	58	97	4	3000	Ac	1	-	-	1	1026.7	-1	-	0	00f	40	97	5	-	-	-	Ac	2	1					
Ross on Wye ...	1025.9	0	N	3	00m	52	85	6	-	St	5	-	-	1	1025.6	-1	NE	1	09m	50	92	5	1200	St	10	-	-	1					
Falmouth ...	1025.9	0	N	3	00m	52	85	6	-	St	5	-	-	1	1025.0	-1	NNE	1	01f	49	92	6	-	-	-	-	-	1					
Calshot (Hants) ...	1023.7	-1	NNE	2	C	51	97	6	-	St	7	-	-	1	1024.7	-1	N	2	04f	49	97	2	5500	St	10	-	-	1					
Lymington (Folkestone)	1023.0	-1	-	0	00m	48	97	6	-	-	-	-	-	1	1023.7	-1	N	3	03f	53	97	2	5500	St	10	-	-	1					
Aberdeen ...	1026.3	-1	-	0	0	40	97	5	3000	St	1	-	-	1	1023.4	-1	S	2	02f	48	86	7	5700	St	8	-	-	2					
Howden ...	1025.7	0	NE	3	02f	51	92	5	1250	Ac	10	-	-	1	1026.3	-1	N	1	06f	47	97	1	5500	St	10	-	-	1					
Cranwell (Lines) ...	1025.7	0	NE	3	02f	51	92	5	1250	Ac	10	-	-	1	1025.7	-1	N	3	03f	48	97	3	750	St	10	-	-	1					
Felixstowe ...	1024.7	-1	NW	1	00m	52	97	4	-	St	10	-	-	1	1025.0	-1	N	3	03f	48	97	4	-	Ac	2	-	-	1					
Shoeburyness ...	1024.7	-1	NW	1	00m	52	97	4	-	St	10	-	-	1	1024.7	-1	NW	1	00m	52	97	4	-	St	10	-	-	1					
Benson ...	1024.5	-1	NW	1	00m	52	97	4	-	St	10	-	-	1	1024.5	-1	NW	1	00m	52	97	4	-	St	10	-	-	1					
S. Farnborough ...	1024.5	-1	NW	1	00m	52	97	4	-	St	10	-	-	1	1024.5	-1	NW	1	00m	52	97	4	-	St	10	-	-	1					
London (M.O. at 1H)	1024.4	0	S	1	00m	53	97	4	-	-	-	-	-	1	1024.4	0	S	1	00m	53	97	4	-	-	-	-	-	1					
Croydon ...	1024.4	0	S	1	00m	53	97	4	-	-	-	-	-	1	1024.4	0	S	1	00m	53	97	4	-	-	-	-	-	1					
STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.																																	
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		WEATHER.	TEMP. °F.	Change in 3 hours.	TEMPERATURE.		WIND.	Dir.	Force 0-12.	Dir.	Upper Cloud.	Weather.	Sea	Rainfall mm.	TEMP.			WEATHER.			Sunshine Hours.									
			Temp.	Change in 24 hours.				Max. °F.	Min. °F.									Morning.	Afternoon.	Night.													
			13H. G.M.T. of 22 nd															7H. G.M.T. of 23 rd												2H. G.M.T. OF 23 rd			
Lerwick ...	1025.1	52	S	4	00	1019.9	-4	52	14	S	3	5	0m	2	1019.9	-4	52	14	S	3	5	0m	2	1019.9	-4	52	14	54	41	00	00	00	0.0
Stornoway ...	1025.2	53	SSW	6	00	1019.0	0	52	12	S	6	5	0m	5	1019.0	0	52	12	S	6	5	0m	5	1019.0	0	52	12	54	49	00	00	00	1.9
Castellbay (Barra's)	1024.5	54	SSW	5	0	1019.4	-1	53	0	SSW	5	-	0m	5	1019.4	-1	53	0	SSW	5	-	0m	5	1019.4	-1	53	0	54	47	00	00	00	6.7
Malin Head ...	1025.2	54	SSW	2	00	1020.6	-1	51	16	S	3	SW	0	3	1020.6	-1	51	16	S	3	SW	0	3	1020.6	-1	51	16	54	45	00	00	00	1.6
Blackhead ...	1025.6	56	SW	2	00	1020.4	-1	56	12	SW	3	-	0m	3	1020.4	-1	56	12	SW	3	-	0m	3	1020.4	-1	56	12	54	49	00	00	00	1.6
Rosie's Point ...	1026.4	55	SSW	1	00	1026.4	0	45	0	N	1	N	0	1	1026.4	0	45	0	N	1	N	0	1	1026.4	0	45	0	54	41	00	00	00	1.6
Birr Castle ...	1026.9	54	NE	1	0	1026.6	-3	38	17	SE	1	-	0	1	1026.6	-3	38	17	SE	1	-	0	1	1026.6	-3	38	17	54	31	00	00	00	1.6
Donaghadee ...	1026.4	52	-	0	00	1024.4	-1	45	-5	WSW	1	N																					

Temperature reported from Coastal and
Cross Channel Steamers

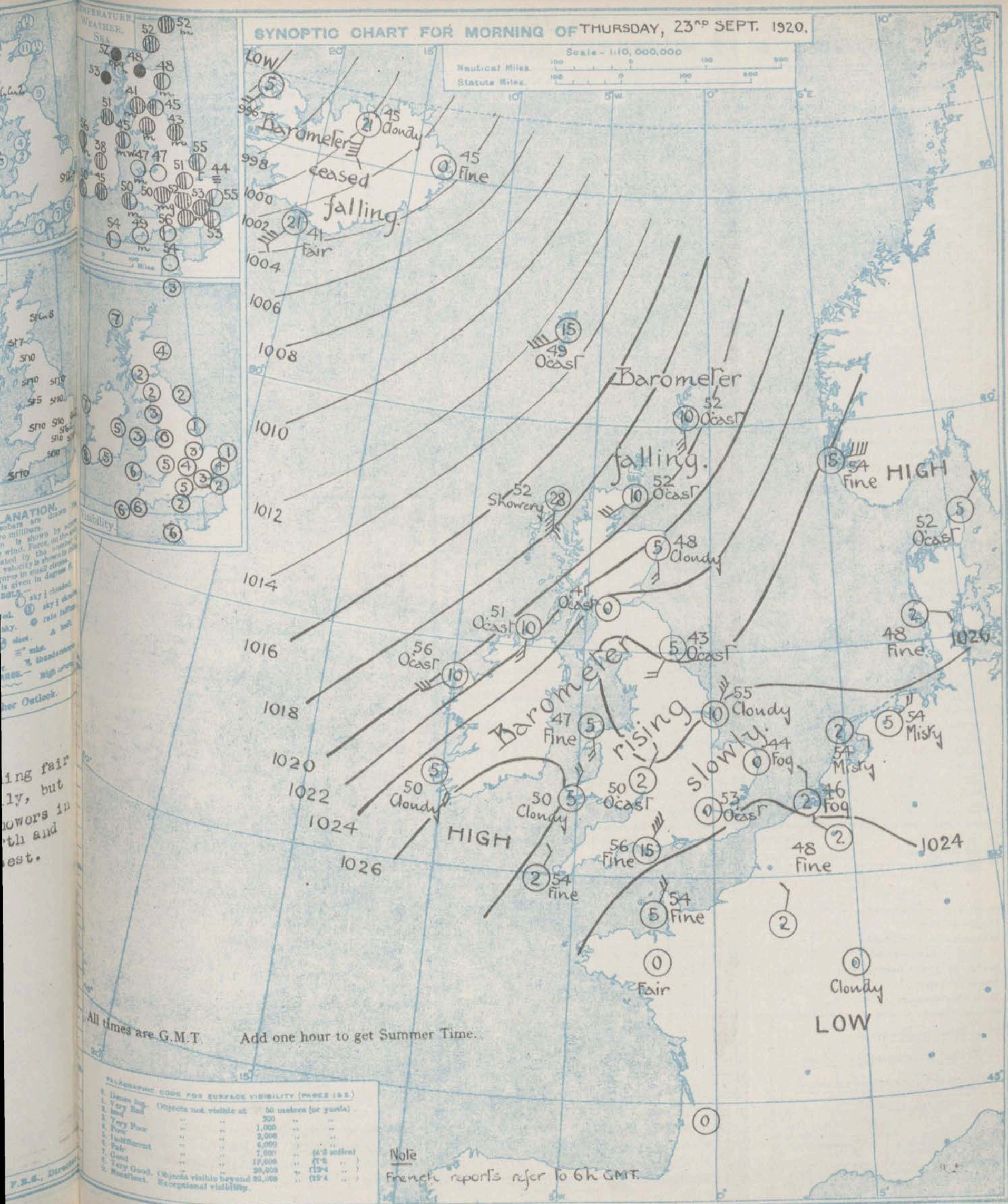
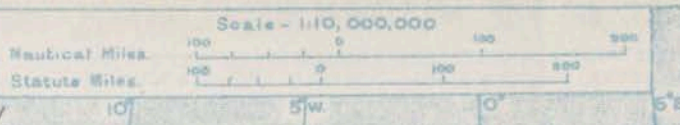
Position Number	Date	Time G.M.T.	Sea ° F	Air ° F
HA	22 nd	0215	54	52
3	22 nd	0925	54	54
10	22 nd	0844	56	57
1	22 nd	1125	59	57
6	22 nd	1405	61	62
2	23 rd	0105	56	58
HA	23 rd	0315	57	54



An anticyclone covering Southern Ireland, most of Great Britain and the North Sea region will probably maintain fair weather over the greater part of the United Kingdom for two or three days, but our North western Seaboard will be affected by depressions over the Icelandic region.

Continuing fair generally, but some showers in far north and north west.

SYNOPTIC CHART FOR MORNING OF THURSDAY, 23RD SEPT. 1920.



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

SYNOPTIC CODES FOR SURFACE VISIBILITY (PAGE 122)

Code	Meaning	Objects not visible at
0	Very Poor	50 metres (or yards)
1	Poor	300 "
2	Fair	1,000 "
3	Good	2,000 "
4	Very Good	4,000 "
5	Excellent	7,000 "
6	Exceptional	12,000 "
7	Very Good	20,000 "
8	Excellent	30,000 "
9	Exceptional	40,000 "

Note
French reports refer to 6h GMT.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 267.

Thursday
23rd September 1920WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 22nd Oct.

STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 2.5 ^h 1 ^h 3 ^h	Day. 9h-17h. 2 ^h 2 ^h 3 ^h	to 17h. 2 ^h 2 ^h 3 ^h	Sunrise to Sun- set. 2 ^h 3 ^h			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 2.5 ^h 1 ^h 3 ^h	Day. 9h-17h. 2 ^h 2 ^h 3 ^h	to 17h. 2 ^h 2 ^h 3 ^h	Sunrise to Sun- set. 2 ^h 3 ^h
Scotland.	Oban	bc	bc	57	36	-	-	5.5	8.2	England, N.W.	Douglas (I.O.M.)	*	*	60	44	-	-	10.4	7.4
	Banff	b	b. bc. c	60	36	-	-	7.6	5.4		Blackpool	b	b	61	43	-	-	9.7	6.0
	Montrose	bc	bc	55	36	-	-	9.9	10.3		Southport	b	b	60	44	-	-	10.0	6.4
	St. Andrews	b	b	55	31	-	-	9.6	9.1		MORECAMBE	*	*	60	45	-	-	10.2	4.9
England, N.E.	Harrogate	b. bc	c. o	56	43	-	-	5.2	6.4	Midlands.	Buxton	c. b	c. b	58	46	-	-	0.4	0.4
	Scarborough	b	o	59	44	-	-	2.0	3.0		Leamington Spa...	c. b	c. b	58	46	-	-	0.4	0.3
	Skegness	dp. o	c	58	53	1	1	2.8	0.5		Malvern	o	o	54	49	-	-	0.0	5.0
England, E.	Lowestoft	bc. c. dp	dp. cu	59	54	2	3	0.5	1.7	Wales.	Bath	o. c. bc	dp	57	50	-	-	0.6	4.5
	Felixstowe	cu. bc	th. bc	61	52	30	1	2.7	1.1		Rhyl	bc	bc	57	48	-	-	8.3	5.5
	Southend-on-Sea...	orm	ct. bc	62	47	6	3	2.2	0.0		Colwyn Bay	*	*	57	50	-	-	7.8	6.9
England, S.E.	Tunbridge Wells	o. c. bc	or. h. l	62	46	4	3	2.0	0.0	Wales.	Llandudno	b	b	57	51	-	-	7.0	6.0
	Margate	o. c. bc. b	b	61	49	2	-	5.6	0.0		Aberystwyth	o. c. b	b. bc	61	46	-	-	10.0	8.0
	Ramsgate	*	*	62	52	2	-	5.7	0.0		Tenby	bc	b	63	48	-	-	4.1	3.4
	Folkestone	Lo. bc. c	t. bc	65	54	0.3	-	4.6	0.0		Swansea	*	*	61	50	-	-	4.7	6.0
	Hastings	o. c. bc	b. bc	63	50	Trace	-	6.1	0.2	England, S.W.	Weymouth	c	c	62	50	0.2	-	2.4	4.7
	Eastbourne	c. bc	bc. c. bc	63	50	4	-	6.1	0.2		Teignmouth	o	o	58	52	-	-	0.1	6.8
	Brighton	c	c	64	49	-	-	4.9	0.0		Torquay	o3	o3	58	52	0.1	-	0.1	7.4
	Worthing	bc	bc. ct. c	64	50	-	-	4.6	0.0		Paignton	b	orm	58	50	0.3	-	0.1	5.4
	Littlehampton	bc	bc. bc	68	57	1	-	4.5	0.0		Penzance	c. bc	bc. b	61	50	-	-	8.4	5.8
	Portsmouth (S. thea)	*	*	61	50	1	-	5.4	0.2		Newquay	bc3	bc3	58	52	-	-	6.0	3.2
	Bournemouth	*	*	60	48	1	0.3	1.0	1.2		Bude	w. bc	bc. c. c	60	50	-	-	6.2	4.9
	Ventnor (I. of W.)	*	*	57	48	2	5	2.5	0.8		Ilfracombe	o	o	59	54	-	-	0.0	4.6
											Weston-s-Mare	o. c. bc	c. bc	58	51	-	-	0.4	4.6

SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	7h-18h.	18h-18h.	Max. F.	Min. F.	Day. 7h-18h.	Night. 18h-7h.	Sun. Hours.	Sun. Hours.
Renfrew ...	b. bc. 4.5	b. bc. 3	62	30	31	mm.	3.6	3.6
Eskdalemuir ...	b. bc	b. bc	56	33	27	mm.	10.6	10.6
Valencia (Cahire'n)	bc. c. 6.5	bc. c. 6.5	57	36	36	mm.	7.2	7.2
Baldonnel ...	bc. c. 6.5	bc. c. 6.5	58	35	35	mm.	7.5	7.5
MANCHESTER (ALEX. P.)	b. bc. 3	c. 0.3	59	34	28	mm.	0.0	0.0
Ross on Wye ...	g. 0.1	g. 0.1	56	49	49	mm.	6.6	6.6
Falmouth ...	b. bc. c	bc. c. bc. c	61	47	39	mm.	0.1	0.1
Calshot (Hants) ...	bc. c. 6.5	o. c. 0	61	48	35	mm.	0.1	0.1
Lymington (Folkestone)	bc. c. 6.5	bc. c. 6.5	60	47	35	mm.	0.1	0.1
Aberdeen ...	bc. c. 6.5	bc. c. 6.5	56	35	41	mm.	9.3	9.3
Howden ...	g. c. 0	g. c. 0	57	40	35	mm.	2.6	2.6
Cranwell (Lincs) ...	bc. c. 6.5	bc. c. 6.5	58	47	47	mm.	0.3	0.3
Felixstowe ...	c. o. 1	bc. c. 6.5	60	47	35	mm.	0.1	0.1
Shoeburyness ...	bc. c. 6.5	bc. c. 6.5	62	48	39	mm.	2.7	2.7
Benson ...	p. 0.2	bc. c. 6.5	60	45	39	mm.	2.1	2.1
S. Farnborough ...	bc. c. 6.5	bc. c. 6.5	61	51	41	mm.	2.2	2.2
London (Kew Obs.)	bc. c. 6.5	bc. c. 6.5	61	51	41	mm.	2.2	2.2
Croydon ...	bc. c. 6.5	bc. c. 6.5	61	40	35	mm.	2.2	2.2

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog.
g gloom.
h hail.
i lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, i.e., rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

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

THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.

Limits of Velocity at about 30 feet above ground.

No.	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.5-3.5
3	8-12	3.5-6.4
4	13-18	6.4-7.9
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	24.5-29.4
11	64-75	29.5-33.5
12	Above 75	33.6 or above

SYMBOLS—

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

LONDON. OBSERVATIONS.	WEATHER.		Night.	Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %	
	Morning.	Afternoon.							15 h. G.M.T.	9 h. G.M.T.
	24 HOURS ENDED 9h G.M.T. 23 RD							YESTERDAY.	TO-DAY.	
Greenwich (Royal Observatory)	0. 0F	c. 0. 0	0. 0. 0	62	47	44	3	2.2	68	86
City (Bunhill Row)	"	"	"	"	"	"	"	1.6	"	"
Westminster (St. James's Park)	"	"	0F. 60	62	52	44	1	1.8	65	83
" (Admiralty Arch)	"	"	"	"	"	"	"	"	"	"
Camden Sq. (British Rainfall)	0. 6	60	"	62	51	46	5	"	80	86
Kensington Palace	0F	0	"	62	47	45	1	"	83 (18h)	"
Hampstead Observatory ...	"	"	"	59	51	"	5	3.7	"	92

SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.	
Total	520 Joules.
Average Rate	11.8 Milliwatts.
Maximum Rate	3.7

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

23 rd 24 th SEPTEMBER 1920.			
Stations.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth...	5.41	11.45	5.49
Greenwich	5.43	11.45	5.50
Wick	5.59	12.04	6.37
Valencia ...	6.20	12.33	6.36

Photographic Record of

Pole Star (Polaris) and of 8 Ursae

Minoris at Greenwich Observatory.

Exposure from 22nd 19.4h. to 23rd 19.4h.

Stars.	Duration of Exposure.	Duration of Record.
Polaris	9 30	1 3
8 Ursae	9 30	0 28
Minoris	9 30	0 28

NOTES ON THE WEATHER OF YESTERDAY.

Temperature touched or slightly exceeded 60° in various parts of the Kingdom and the night minima were not generally low, but frost occurred on the grass at some Northern stations. Rain in slight or moderate amounts fell in the North and South and thunderstorms occurred locally in the South East of England. Bright sunshine was very prevalent in Wales, the North West of England and the South East of Scotland, but elsewhere the records were moderate to slight.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.2491

FRIDAY, 24th SEPTEMBER, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 12H.																												
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.
			Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dir.	Force 0-12.										
			12H. G.M.T. 23 rd														12H. G.M.T. OF 23 rd											
Renfrew ...	1025.6	0	SW	4	CZ	54	75	5	2000	Cu	2	Cu	6	3	1025.6	0	SW	2	03f	51	75	4	2000	Sc	10	-	-	3
Esksdalemuir ...	1025.3	-1	S	4	a	58	75	8	3000	Sc	9	-	-	3	1024.2	-2	S	3	bc	56	85	8	2000	Cu	3	Acu	1	3
Valencia (Cahire's)	1025.5	-2	SW	2	bcif	62	85	6	-	-	-	Cst	6	3	1025.1	0	SW	2	03	55	85	6	-	-	-	Acu	10	3
Baldonnel ...	1026.3	-1	SSW	2	CZ	62	65	5	3000	Cu	2	Acu	6	3	1026.0	0	SSW	1	bcif	58	75	4	4200	Sc	2	Acu	2	4
Manchester (Alex. R.)	1026.0	0	ENE	1	OZ	58	75	6	2000	Sc	10	-	-	3	1026.0	0	E	1	b	57	80	5	1250	Sc	1	Acu	2	3
Ross on Wye ...	1026.0	0	SE	2	bcz	60	75	6	-	Cu	5	-	-	0	1026.0	0	-	0	c	57	85	6	-	Sc	7	-	-	1
Falmouth ...	1025.3	-1	ENE	1	C	64	65	7	-	-	-	-	-	0	1025.1	0	NE	1	03f	57	92	5	1200	Sc	5	Acu	4	1
Calshot (Hants) ...	1024.6	0	ENE	4	bc	63	65	7	3000	Cu	3	CSt	2	3	1024.7	0	NE	4	01f	57	91	6	1200	Sc	10	-	-	3
Lymington (Folkestone)	1023.0	0	SSW	4	OZ	56	65	4	-	-	-	ASr	10	3	1022.7	-1	S	2	03f	56	75	4	5700	Sc	9	-	-	3
Aberdeen ...	1025.5	-1	-	0	CM	59	85	6	2000	Cu	7	-	-	3	1026.2	0	E	2	bcif	54	97	4	5700	Sc	2	Acu	2	3
Howden ...	1026.3	0	NE	3	bz	62	85	7	4200	Cu	2	-	-	3	1026.3	0	NE	3	0	54	97	6	5700	Sc	9	Acu	2	3
Cranwell (Lines) ...	1026.1	0	NE	3	bz	62	85	7	4200	Cu	2	-	-	3	1026.3	0	NE	3	0	54	97	6	5700	Sc	9	Acu	2	3
Felixstowe ...	1025.4	+1	ENE	2	bc	64	75	7	2000	Cu	4	-	-	3	1025.6	0	ENE	2	01f	58	92	5	2000	Sc	6	Acu	4	1
Shoeburyness ...	1025.3	-1	NNE	1	bc	62	75	5	2000	Cu	1	Acu	4	3	1025.7	0	NNE	1	c	58	85	4	4200	Sc	9	-	-	3
Benson ...	1025.5	0	N	1	bc	62	75	5	2000	Cu	1	Acu	4	3	1025.7	0	-	0	0	59	85	5	4200	Sc	9	-	-	3
S. Farnborough ...	1025.3	-2	NNE	2	CZ	61	75	5	4200	Cu	7	-	-	3	1025.6	0	SE	1	02f	60	75	4	-	-	-	Acu	10	3
London (Kew Obs.)	1025.5	0	E	2	Cif	64	85	6	3000	Cu	5	Ci	2	3	1025.8	0	E	2	02f	58	92	5	3000	Sc	10	-	-	3
Croydon ...	1025.5	0	E	2	Cif	64	85	6	3000	Cu	5	Ci	2	3	1025.8	0	E	2	02f	58	92	5	3000	Sc	10	-	-	3
1H. G.M.T. OF 24 th												7H. G.M.T. OF 24 th																
Renfrew ...	1026.1	0	S	2	03fe	51	97	2	750	Sc	10	-	-	3	1023.3	0	-	0	bcif	42	97	1	-	-	-	Acu	4	3
Esksdalemuir ...	1026.0	0	-	0	03fe	44	97	1	750	Sc	10	-	-	3	1026.0	0	-	0	03fe	44	97	1	750	Sc	10	-	-	3
Valencia (Cahire's)	1023.0	0	SSW	4	bc	56	-	-	-	-	-	-	-	2	1021.8	-2	SSW	4	c	56	85	7	1250	Sc	8	-	-	4
Baldonnel ...	1026.3	0	-	0	bcif	50	92	6	-	-	-	-	-	3	1026.3	0	-	0	bcif	50	92	6	-	-	-	Acu	1	3
Manchester (Alex. R.)	1026.3	0	SSW	1	c6fe	38	97	1	750	Sc	8	-	-	3	1026.3	0	SSW	1	c6fe	38	97	1	750	Sc	8	-	-	3
Ross on Wye ...	1026.1	0	NE	1	bcif	44	97	1	750	Sc	10	-	-	3	1026.1	0	NE	1	bcif	44	97	1	750	Sc	10	-	-	3
Falmouth ...	1026.3	-1	NNE	2	bcwzf	49	92	5	-	-	-	Acu	5	3	1026.3	-1	NNE	2	bcwzf	49	92	5	-	-	-	Acu	2	1
Calshot (Hants) ...	1024.8	-2	NNE	2	b	55	97	5	2000	Sc	2	-	-	2	1024.4	0	NNE	2	c	53	97	5	3000	Sc	6	Acu	2	1
Lymington (Folkestone)	1023.8	-2	NE	4	0	56	92	6	4200	Sc	10	-	-	3	1022.3	-1	NNE	6	09pm	55	92	6	2000	Sc	2	Acu	8	3
Aberdeen ...	1026.4	0	-	0	03fe	48	97	0	5500	Sc	10	-	-	3	1026.4	0	SSW	2	bcif	49	92	4	-	Sc	1	-	-	2
Howden ...	1026.9	0	-	0	03fe	46	97	0	5500	Sc	10	-	-	3	1026.9	0	-	0	03fe	46	97	0	5500	Sc	10	-	-	2
Cranwell (Lines) ...	1026.1	0	N	1	03f	51	97	1	5500	Sc	10	-	-	3	1026.1	-1	N	1	03f	51	97	1	5500	Sc	10	-	-	2
Felixstowe ...	1024.7	-1	N	3	0	55	92	7	2000	Sc	10	-	-	3	1024.7	-1	N	3	0	55	92	7	2000	Sc	10	-	-	1
Shoeburyness ...	1024.0	-1	NE	2	c2fe	53	92	5	2000	Sc	6	Acu	2	3	1024.0	-1	NE	2	c2fe	53	92	5	2000	Sc	6	Acu	2	3
Benson ...	1024.0	0	NE	3	03f	51	97	5	1250	Sc	10	-	-	3	1024.0	0	NE	3	03f	51	97	5	1250	Sc	10	-	-	2
S. Farnborough ...	1024.6	0	NNE	2	03f	52	97	5	1250	Sc	10	-	-	3	1024.6	0	NNE	2	03f	52	97	5	1250	Sc	10	-	-	2
London (M.O. at 1h)	1024.0	0	NE	2	03f	53	95	5	2000	Sc	9	Acu	2	3	1024.0	0	NE	2	03f	53	95	5	2000	Sc	9	Acu	2	3
Croydon ...	1026.0	-2	NE	1	03f	55	97	3	2000	Sc	10	-	-	3	1026.0	0	NE	1	03f	55	97	3	2000	Sc	10	-	-	2
STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.																												
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	TEMP. °F.	Change in 3 hours.	WIND.		TEMP. °F.	Change in 24 hours.	WIND.		TEMP. °F.	Change in 24 hours.	Dir. of Upper Cloud.	Weather.	Sea.	Rainfall mm.	TEMP.			WEATHER.			Sunshine Hours.		
			Dir.	Force 0-12.				Dir.	Force 0-12.			Dir.	Force 0-12.							Max. °F.	Min. °F.	Morning.	Afternoon.	Night.				
			12H. G.M.T. OF 23 rd																	7H. G.M.T. OF 24 th								
Lerwick ...	1018.9	0	SW	3	bc	54	12	S	3	-	bcu	1	-	54	46	0.0	0.0	54	46	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Stornoway ...	1018.9	0	SW	3	bc	54	12	S	3	-	bcu	1	-	54	46	0.0	0.0	54	46	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Castlebay (Barra) ...	1018.9	0	SW	3	bc	54	12	S	3	-	bcu	1	-	54	46	0.0	0.0	54	46	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Malin Head ...	1018.9	0	SW	3	bc	54	12	S	3	-	bcu	1	-	54	46	0.0	0.0	54	46	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Blackod Point ...	1018.9	0	SW	3	bc	54	12	S	3	-	bcu	1	-	54	46	0.0	0.0	54	46	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Roche's Point ...	1018.9	0	SW	3	bc	54	12	S	3	-	bcu	1	-	54	46	0.0	0.0	54	46	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Birr Castle ...	1018.9	0	SW	3	bc	54	12	S	3	-	bcu	1	-	54	46	0.0	0.0	54	46	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Donaghadee ...	1018.9	0	SW	3	bc	54	12	S	3	-	bcu	1	-	54	46	0.0	0.0	54	46	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Liverpool (Bilston) ...	1018.9	0	SW	3	bc	54	12	S	3	-	bcu	1	-	54	46	0.0	0.0	54	46	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Holyhead ...	1018.9	0	SW	3	bc	54	12	S	3	-	bcu	1	-	54	46	0.0	0.0	54	46	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Pembroke (St. Mary's) ...	1018.9	0	SW	3	bc	54	12	S	3	-	bcu	1	-	54	46	0.0	0.0	54	46	0.0	0.0	0.0	0.					

* Information for these columns not usually received.

SUMMARY OF CONDITIONS AT 7 h.G.M.T. 24.9.1920.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Cloudy or dull, misty,	Indiff	Slight
2. E. England	Fair to dull, fog in North.	Good	Smooth
3. E. Midlands	Dull, mist or fog,	V. Poor	-
4. W. Midlands	Dull, foggy,	V. Bad	-
5. S.W. England	Variable sky, local mist (or fog)	Variable	Smooth
6. South Wales	Foggy,	Bad	Smooth
7. North Wales	Fine, some fog,	Poor	Calm
8. N.W. England	Variable sky, mist or fog,	V. Bad	Smooth
9. N. Midlands	Dull, some fog,	V. Bad	-
10. N.E. England	Foggy.	V. Bad	Smooth
11. E. Scotland	Fair or fine, misty.	Poor	Smooth
12. S.W. Scotland	Fair to dull, foggy.	V. Bad	Smooth
13. Isle of Man	Fair or fine, misty.	Poor	Smooth
14. N. & N.W. Scotland	Fair or fine, local mist.	Indiff	Moderate
15. Hebrides	Dull, mist and squalls in (North)	Fair	R. Rough
16. Orkneys and Shetlands	Fair, slight mist.	Fair	Smooth
17. N.W. Ireland	Fair,	Good	Rough
18. N.E. Ireland	Fair, local mist,	Fair	Smooth
19. S.E. Ireland	Fair or fine	Fair	Smooth
20. S.W. Ireland	Cloudy.	Good	Moderate

Temperature reported from Coastal and Cross Channel Steamers.

Position Number.	Date	Time G.M.T.	Sea ° F	Air ° F
12	23 RD	01400	53	62
5	23 RD	0730	55	63
3	23 RD	0925	56	58
10	23 RD	0915	55	60
1	23 RD	1124	60	58
2	24 TH	0115	58	57
7	24 TH	0310	60	60
8	24 TH	0425	60	58

CHART OF POSITION NUMBERS and Upper Cloud



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

An anticyclonic band extending from the Baltic to beyond the South West of England will probably maintain generally fair weather over England and the South East of Ireland, but a large depression spreading over Iceland is likely to cause some rain in the North Western and Northern parts of the Kingdom.

EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of two millibars.
WIND.—Direction is shown by the arrow pointing in the direction the wind is blowing from. Force, on the Beaufort scale, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figure in small circles.
TEMPERATURE.—Temperature is given in degrees F.
WEATHER SYMBOLS.—
clear sky. ☐
sky & clouded. ☁
overcast sky. ☁
snow. ❄
fog. 🌫
T. thunder.
SEA DISTURBANCE.—
Rough. ~~~~~
High. ~~~~~
Further Outlook.

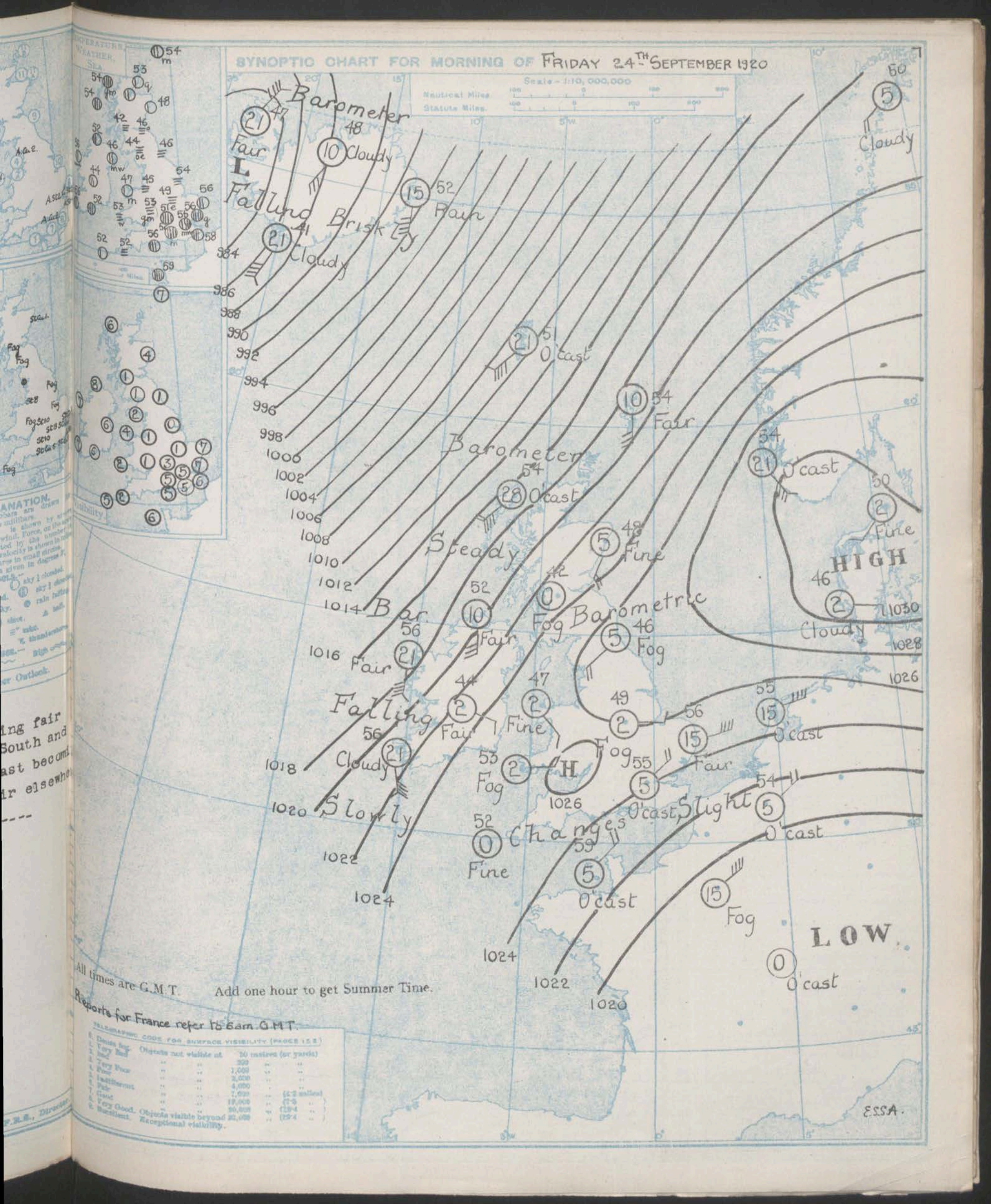
Districts.	Forecasts for the 24 hours commencing 15h.G.M.T. Friday, 24th September, 1920.
1. S.E. England	Wind between North East and East, light, moderate at times on coast. Mainly fair but much cloud occasionally.
2. E. England	Mist locally at night. Visibility generally fair.
3. E. Midlands	Moderate temperature.
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	Wind mainly South Westerly, light, then increasing.
8. N.W. England	Fair to cloudy or overcast. Visibility mainly fair.
9. N. Midlands	Moderate temperature.
10. N.E. England	
11. E. Scotland	Wind South or South West, increasing in force.
12. S.W. Scotland	Variable sky, some rain or showers - most on Western coasts. Mist at times. Visibility mainly fair.
13. Isle of Man	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	Same as 7 - 10.
20. S.W. Ireland	Same as 11 - 17.

Continuing fair in the South and South East becoming less fair elsewhere.

SYNOPTIC CHART FOR MORNING OF FRIDAY 24TH SEPTEMBER 1920

Scale - 1:10,000,000

Nautical Miles
Statute Miles



ANATION.
... are drawn
... shown by
... Force on the
... by the number
... shown in
... in small
... given in degrees
... sky 1 cloud
... sky 1 shower
... rain falling
... ...
... ...
... High ...
... Outlook.

ing fair
South and
ast becom
ir elsewher

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

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

SYNOPTIC CODES FOR SURFACE VISIBILITY (PAGE 152)			
0	None	Objects not visible at	50 metres (or yards)
1	Very Bad	"	300 "
2	Bad	"	1,000 "
3	Very Poor	"	2,000 "
4	Poor	"	4,000 "
5	Fair	"	7,000 "
6	Good	"	10,000 "
7	Very Good	"	20,000 "
8	Excellent	"	30,000 "
9	Exceptional	"	40,000 "

ESSA.

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max.	Min.	Night.	Day.	to 17h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max.	Min.	Night.	Day.	to 17h.	Sunrise to Sunset.
			F.	F.	24-25	23-24	23-24	23-24				F.	F.	23-24	23-24	23-24	23-24
Scotland.									England, N.W.								
Oban ...	o	o	57	45	-	-	0.0	3.8	Douglas (I.O.M.)	*	*	61	44	-	-	6.1	10.4
Banff ...	o	o	57	45	-	-	0.0	7.2	Blackpool ...	bc	bc	63	38	-	-	8.5	9.7
Montrose ...	bc	of	58	39	-	-	3.2	9.9	Southport ...	b	b. bc	62	40	-	-	9.2	10.0
St. Andrews ...	bc	bc	59	41	-	-	3.8	7.6	MORECAMBE	*	*	60	40	-	-	8.3	10.5
England, E.									Midlands.								
Harrogate ...	b	b. bc	62	44	-	-	7.3	5.8	Buxton ...	c. c. bc	c. bc. c. c	57	41	-	-	0.6	2
Scarborough ...	b	b	61	49	-	-	5.4	2.0	Leamington Spa...	c. b	c. bc	62	44	0.2	-	1.5	0.4
Shegness ...	b	b	60	55	0.1	-	4.8	2.8	Malvern ...	bc	bc	60	49	-	-	2.7	0.0
Lowestoft ...	bc. bc	bc	60	44	-	-	9.8	0.5	Bath ...	o	o. c. bc. b	63	51	-	-	2.6	0.7
Felixstowe ...	bc	o	62	48	-	-	8.9	2.7	Rhyl ...	bc. b	b	51	37	-	-	8.8	8.9
Southend-on-Sea...	m. bc	c. o	65	45	0.1	-	4.8	2.2	Colwyn Bay ...	*	*	65	49	-	-	4.3	9.0
England, S.E.									Llandudno ...	b. b	b. bc	62	45	-	-	7.0	4.0
Tunbridge Wells	om. bc	bc. c	64	39	0.2	-	3.4	2.0	Aberystwyth ...	c. bc	bc. o	60	45	-	-	1.2	10.4
Margate ...	b	b. bc. c	63	54	-	-	8.0	8.6	Tenby ...	bc. c	b	63	48	-	-	4.8	4.1
Ramsgate ...	*	*	63	52	-	-	8.2	5.7	Swansea ...	*	*	62	51	-	-	9.7	2.6
Folkestone ...	b	bc	64	52	-	-	7.3	4.6	Weymouth ...	bc	bc	69	50	-	-	7.0	0.1
Hastings ...	wf. bc	bc. o. c	64	50	0.2	-	3.6	6.4	Teignmouth ...	bc. b	b	62	52	-	-	7.4	0.3
Eastbourne ...	bc. c	bc. c. o	63	49	0.2	-	3.9	6.1	Torquay ...	bc. bc	b	63	53	-	-	6.5	0.1
Brighton ...	bc	c. o	66	48	-	-	6.6	4.9	Paignton ...	bc. bc	bc. b	62	53	-	-	8.0	8.4
Worthing ...	b. bc	bc. c	64	49	-	-	7.8	4.6	Penzance ...	b. bc	c. bc. b	63	53	-	-	9.0	6.5
Littlehampton ...	b	bc. o. c	64	53	-	-	6.5	4.5	Newquay ...	bc	b	60	47	-	-	8.8	6.2
Portsmouth (Sthsea)	bc	bc	64	48	-	-	5.2	5.4	Bude ...	w. bc. b	b	64	43	-	-	8.9	0.0
Bournemouth ...	*	*	65	47	-	-	9.0	1.0	Ilfracombe ...	b	b	60	55	-	-	2.7	0.4
Ventnor (I. of W.)	*	*	63	49	-	-	4.6	2.5	Weston-s-Mare ...	o. c. bc	bc	60	52	-	-	-	-

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	7h-13h	13h-18h	Max.	Min.	Day.	Night.	Hours.	Hours.
			F.	F.	7h-13h	13h-18h		
Renfrew ...	o. o	o. o	58	41	-	-	0.2	0.2
Eskdalemuir ...	c. o. bc	c. o. bc	57	39	-	-	3.8	3.8
Valencia (Cahire'n)	o. o. bc	o. o. bc	60	50	-	-	2.6	2.6
Baldonnel ...	o. o	o. o	60	39	-	-	5.8	5.8
Manchester (Alex. Pk.)	bc. c	bc. c	63	57	-	-	3.0	3.0
Ross on Wye ...	bc. c	bc. c	62	43	-	-	8.9	8.9
Falmouth ...	bc. c	bc. c	62	43	-	-	5.9	5.9
Calshot (Hants) ...	bc. c	bc. c	60	48	-	-	0.1	0.1
Lympne (Folkestone)	bc. c	bc. c	60	53	-	-	0.2	0.2
Aberdeen ...	bc. c	bc. c	58	47	-	-	1.9	1.9
Howden ...	bc. c	bc. c	63	44	-	-	0.1	0.1
Cranwell (Lincs) ...	bc. c	bc. c	65	48	-	-	4.5	4.5
Felixstowe ...	bc. c	bc. c	63	47	-	-	7.0	7.0
Shoeburyness ...	bc. c	bc. c	65	43	-	-	4.3	4.3
Benson ...	bc. c	bc. c	64	46	-	-	3.6	3.6
S. Farnborough ...	bc. c	bc. c	64	46	-	-	3.6	3.6
London (Kew Obs.)	bc. c	bc. c	64	43	-	-	3.6	3.6
Croydon ...	bc. c	bc. c	65	51	-	-	3.6	3.6

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.

Capital letters indicate intensity, and repetition of letters continuity, thus:-

R = heavy rain.

rr = continuous moderate rain.

r.r. = continuous light rain.

THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.

Limits of Velocity at about 30 feet above ground.

No.

Statute miles per hour.

Metres per second.

0

1

2

3

4

5

6

7

8

9

10

11

12

Aurora

Rime

Glazed frost

Glazed roads

Solar halo

Lunar halo

Solar corona

Lunar corona

SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.

Total

Average Rate.

Maximum Rate.

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

24th & 25th Sept. 1920.

Stations.

Sunrise.

Noon.

Sunset.

G.M.T.

G.M.T.

G.M.T.

G.M.T.

G.M.T.

G.M.T.

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G.M.T.

Photographic Record of

Pole Star (Polaris) and of 3 Ursae

Minoris at Greenwich Observatory.

Exposure from 2.5^h to 19^h 5^m.to 12^h 4^m 45^s.

Stars.	Duration of Exposure.	Duration of Record.	%
Polaris	9	30	N 14
3 Ursae	9	30	N 14
Minoris	9	30	N 14

NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose to 69° at Weymouth and to about 65° at some other English stations. The minima of the night were higher than of late. Bright sunshine records were generally good in England fair in Ireland, and low in Scotland. Rain fell in many parts of Scotland and at Blacksod Point; at Wick the measurement was 11 mm. Thunder was heard at Gt. Yarmouth.

DON:

0.

ENDED 7h. 25.

TEMPERATURE.

Max. Min.

°F. °F.

72. 68

81. 59

82. 64

78. 69

75. 66

79. 70

88. 61

82. 73

82. 64

Weather.

Sea

0-9.

0-9.

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AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 21,492

SATURDAY... 22ND... SEPTEMBER... 1920.

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

STATIONS	12h. G.M.T. 22 ND														18h. G.M.T. OF 22 ND													
	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND. Direc.	Force 0-12	Weather	TEMP. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND. Direc.	Force 0-12	Weather	TEMP. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.
Renfrew ...	1022.9	-2	SSW	3	C	61	65	5	4200	Cu	7	-	-	*	1021.3	0	-	0	b	56	75	5	4200	Cu	1	-	-	*
Eskdalemuir ...	1023.4	-2	SSW	4	bczf	59	65	5	2000	Cu	5	-	-	*	1022.1	-2	S	2	bzf	53	85	5	-	Stn	3	-	-	*
Valencia (Cahire'n)	1020.3	-3	SSE	5	of	58	97	5	4500	St	10	-	-	4	1019.0	-1	SSE	5	od.	59	97	4	4500	St	10	-	-	3
Baldonnel ...	1022.4	-2	SSW	3	bczf	62	85	5	4200	Cu	5	-	-	*	1020.7	-1	SW	3	02	57	92	5	4200	Stn	9	-	-	*
MANCHESTER (ALEX. TR.)	1024.5	-3	SE	2	bczf	64	65	6	3000	Cu	3	Cu	2	*	1022.8	-1	SE	3	bczf	54	85	3	-	-	-	Ci	7	*
Ross on Wye ...	1024.1	-4	BNE	2	bcm	57	85	6	2000	St	5	Ci	1	*	1022.4	-3	-	0	bm	55	92	5	-	-	-	Ci	3	*
Falmouth ...	1023.6	-2	NNW	2	bzf	64	65	6	-	-	-	-	-	*	1022.4	-2	NNW	2	bzf	57	85	4	-	Stn	1	-	-	*
Calshot (Hants) ...	1022.1	-4	BNE	3	of	62	65	6	2000	St	7	ACu	2	2	1020.7	-1	NNE	2	C	60	75	7	2000	Stn	6	ACu	2	1
Lympe (Folkestone)	1020.3	-4	NNE	5	09	60	85	7	2000	St	4	ASr	6	*	1019.3	-1	NNE	5	ogmo	56	85	6	750	St	10	-	-	*
Aberdeen ...	1022.6	-2	SSW	3	bzf	60	65	5	-	-	-	-	-	3	1021.1	-1	S	3	Czf	53	97	4	1250	St	8	-	-	3
Howden ...	1025.4	-3	-	0	02f	58	85	5	3000	Cu	9	ACu	1	*	1023.7	-1	ESE	1	cm	55	85	6	3000	St	5	CiSt	3	*
Cranwell (Lincs) ...	1024.6	-4	NE	3	0	58	85	9	3000	Stn	10	-	-	*	1023.1	-1	NE	2	0	57	92	7	2000	Stn	7	CiSt	2	*
Felixstowe ...	1022.4	-3	NNE	4	0	61	85	7	2000	Stn	7	ASr	3	*	1021.1	-1	NNE	3	0	58	92	7	2000	Stn	10	-	-	*
Shoeburyness ...	1022.0	-2	NE	3	C	61	85	7	2000	Stn	4	Cu	3	*	1020.8	-2	NE	3	0	58	85	7	2000	Stn	9	ASr	2	*
Benson ...	1022.1	-3	NE	3	bc	62	75	5	-	Cu	5	-	-	*	1021.3	-2	NNE	1	0	57	85	4	-	St	6	CiCu	2	*
S. Farnborough ...	1022.4	-2	ENE	3	of	63	75	6	4200	Stn	4	ASr	5	*	1020.9	-2	N	1	0	59	85	6	4200	Cu	10	-	-	*
London (Kew Obs.)	1022.4	-4	NE	3	02	61	65	5	4200	Cu	5	CiSt	4	*	1020.8	-1	N	2	02	60	75	4	3000	Stn	8	ASr	2	*
Croydon ...	1022.3	-3	ENE	3	of	60	75	6	2000	Stn	8	ASr	2	*	1021.1	-1	BNE	3	02f	59	85	5	2000	St	10	-	-	*

1h. G.M.T. OF 22ND7h. G.M.T. OF 22ND

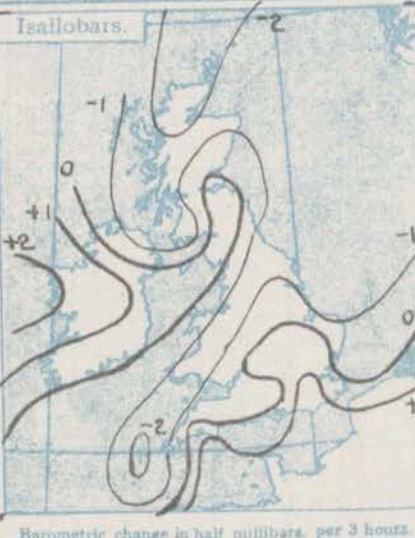
STATIONS	1h. G.M.T. OF 22 ND														7h. G.M.T. OF 22 ND													
	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND. Direc.	Force 0-12	Weather	TEMP. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND. Direc.	Force 0-12	Weather	TEMP. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.
Renfrew ...	1022.0	-1	-	0	04f	44	97	2	750	St	10	-	-	*	1017.8	-1	-	0	02f	52	92	4	2000	St	10	-	-	4
Eskdalemuir ...	1021.0	-1	-	0	04f	44	97	2	750	St	10	-	-	*	1020.0	-1	-	0	03f	47	97	3	750	St	10	-	-	*
Valencia (Cahire'n)	1018.6	0	S	2	cm	60	*	*	*	*	*	*	*	*	1018.6	0	S	4	C	58	97	7	750	St	8	-	-	3
Baldonnel ...	1019.3	-1	WSW	2	C	55	92	5	4200	Stn	8	-	-	*	1018.4	-1	SSW	3	bc	56	92	8	750	Stn	2	ASr	3	*
MANCHESTER (ALEX. TR.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.8	-1	-	0	Czf	44	97	2	4500	St	4	Ci	4	*
Ross on Wye ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1021.1	0	W	1	03f	43	97	1	4500	St	10	-	-	*
Falmouth ...	1021.5	-1	NW	1	03f	50	97	5	-	-	-	-	-	*	1021.2	0	NW	1	03f	49	97	5	-	-	-	ASr	1	*
Calshot (Hants) ...	1020.1	-1	NNE	2	C	55	97	7	2000	Stn	8	-	-	1	1019.7	0	N	2	03f	52	92	5	4200	St	10	-	-	1
Lympe (Folkestone)	1018.2	-1	NNE	3	odm	54	97	5	750	St	10	-	-	*	1017.8	0	N	2	03f	52	97	1	4500	St	10	-	-	*
Aberdeen ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.2	-1	SSW	2	bczf	57	92	3	1250	Cu	3	ACu	2	3
Howden ...	1022.5	0	-	0	04f	57	97	2	750	St	10	-	-	*	1019.6	-5	-	0	04f	44	97	2	750	St	10	-	-	*
Cranwell (Lincs) ...	1021.1	-2	NNW	2	02f	51	97	5	3000	Stn	10	-	-	*	1020.4	0	WNW	3	04f	46	97	2	2000	St	10	-	-	*
Felixstowe ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.4	0	N	2	0623f	56	97	4	750	St	10	-	-	1
Shoeburyness ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.2	0	NW	1	02f	55	92	4	2000	St	10	-	-	*
Benson ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.1	0	NNW	1	0	50	92	5	-	-	-	-	-	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.6	0	NNW	1	02f	52	97	5	1250	St	10	-	-	*
London (Kew Obs.)	1019.7	-1	*	*	*	*	*	*	*	*	*	*	*	*	1019.3	0	NNW	1	02f	54	85	5	2000	St	8	ASr	2	*
Croydon ...	1020.5	-1	N	2	02f	58	92	5	3000	Stn	10	-	-	*	1019.9	0	NNW	2	02f	53	97	5	750	St	10	-	-	*

STATIONS CONTRIBUTING REPORTS AT 7h. AND 12h.

STATIONS.	BAROM. at M.S.L.		TEMP.		WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.
	mb.	°F.	Dir.	Force 0-12.	at M.S.L. mb.	Change in 3 hours.		Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.	Max. °F.	Min. °F.					Morning.	Afternoon.	Night.			
	12h. G.M.T. of 22 TH							7h. G.M.T. of 22 TH							24 HOURS ENDED 7h. 25 TH							24 TH	
Lerwick	1018.9	54	S	3	bcm	1018.1	-2	53	-1	S	6	-	0	3	-	57	47	bcm	bcm	2	6	5	
Stornoway	1015.4	54	SW	6	odq	1012.1	-1	53	-1	SSW	3	-	0	2	5	57	52	odq	odq	ad. 0	0.7	5	
Castlebay (Barra)	1016.7	54	SSE	5	rm	1012.7	-1	55	4	S	2	-	0	4	9	58	53	op	orm	rm. f. b.	0.0	5	
Malin Head	1016.1	59	S	3	0	1013.0	0	57	0	SSW	3	-	0	3	-	60	53	bc	bep	0.0	0.0	5	
Blacksod Point	1016.8	57	SW	2	0	1014.1	+2	56	0	SW	5	SW	bc	2	7	60	53	omr	od	0.0	0.0	5	
Roche's Point	1022.2	57	SSW	3	0	1020.3	0	57	15	SW	3	-	0	2	1	61	52	cbc	copdo	0.0	0.0	5	
Birr Castle	1020.1	59	S	2	0	1017.8	0	57	15	S	1	-	c	2	1	61	44	c	c.o	0.0	0.0	5	
Donaghadee	1020.0	56	SW	1	bm	1017.4	-1	55	+9	SW	2	-	omg	2	-	61	46	bcm	bcm	0.0	0.0	5	
Liverpool (Bidston)	1022.0	57	SSE	1	b	1019.8	-1	46	11	SSW	1	-	f	1	-	62	45	f.bm	bm	0.0	0.0	5	
Holyhead	1022.0	57	S	2	bm	1019.2	0	55	18	SSW	4	-	mc	3	0.2	62	47	bm	bm	0.0	0.0	5	
Pembroke (St. Ann's Head)	1022.9	57	-	0	bm	1021.0	-1	54	4	S	1	-	cm	2	0.2	62	46	f.wbm	bm	0.0	0.0	5	
Scilly (St. Mary's)	1023.5	59	-	0	b	1021.5	-2	56	4	WSW	1	W	c	2	-	62	53	b	b	0.0	0.0	5	
Jersey (St. Aubin)	1019.6	59	NNE	3	0	1019.0	0	58	4	NW	2	-	oc	2	1	62	57	og	ogde.	0.0	0.0	5	
Portland Bill	1022.2	59	NE	2	bc	1020.0	0	57	11	NE	3	NE	c	3	-	64	50	cbc	bc	0.0	0.0	5	
Dungeness	1019.2	59	NE	4	c	1017.4	-1	55	23	NNR	5	-	0	3	1	62	54	c	c	0.0	0.0	5	
Wick	1017.6	57	SSW	3	bcm	1013.7	-2	53	0	SSW	2	-	cm	2	1	59	57	bq, bc	bcm	0.0	0.0	5	
Nairn	1017.9	57	-	0	bc	1014.2	0	54	11	SSW	2	-	opu	2	-	60	45	bc	bc	0.0	0.0	5	
Leith	1020.6	58	SSW	1	b	1017.9	0	47	4	S	1	W	bcu	1	Trace	66	46	swm. bc	b	0.0	0.0	5	
Tynemouth	1023.4	54	S	2	bcm	1020.5	0	45	-1	-	0	-	f	2	Trace	67	45	bef	bef	0.0	0.0	5	
Spurn Head	1023.9	56	ENE	2	c	1019.2	-1	58	-1	N	0	-	0	2	0.1	61	50	f	c	0.0	0.0	5	
Yarmouth	1020.8	57	NE	4	c	1017.9	-1	56	0	NNE	3	-	m	1	0.4	61	56	bc	oc	0.0	0.0	5	
Clacton-on-Sea	1020.5	58	NE	3	0	1018.1	0	56	0	NNW	3	-	ogm	2	1	61	54	ogo	og	0.0	0.0	5	
Nottingham	1022.8	57	N	1	c	1020.2	0	49	0	WNW	1	SE	cm	2	-	60	45	fco	oc	0.0	0.0	5	

SUMMARY OF CONDITIONS AT 7 h.G.M.T. 25.9.1920.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.	Temperature reported from Coastal and Cross Channel Steamers				
				Position Number	Date	Time G.M.T.	Sea ° F	Air ° F
1. S.E. England	Dull, misty	Indiff	Smooth	17	24 th	0400	53	54
2. E. England	Dull, mist or fog	V. Poor	V. Smooth	5	24 th	0800	55	54
3. E. Midlands	Cloudy or dull, local mist	Poor	-	3	24 th	0925	54	57
4. W. Midlands	Dull, wet mist or fog	Bad	-	1	24 th	1142	59	58
5. S.W. England	Fine to cloudy, local mist	Indiff	Smooth	6	24 th	1415	60	60
6. South Wales	Cloudy, some mist	fair	Smooth	2	25 th	0110	57	56
7. North Wales	Cloudy, mist or fog	V. Poor	Slight	7	25 th	0230	60	59
8. N.W. England	Dull, mist or fog	Bad	Smooth	12	25 th	0345	53	55
9. N. Midlands	Cloudy, mist or fog	Bad	-					
10. N.E. England	Dull, foggy	V. Bad	Smooth					
11. E. Scotland	fair, misty	V. Poor	Smooth					
12. S.W. Scotland	Dull, misty	Poor	Smooth					
13. Isle of Man	Dull, misty	Poor	Smooth					
14. N. & N.W. Scotland	Cloudy or dull, misty	Poor	Smooth					
15. Hebrides	Dull	Good	Slight					
16. Orkneys and Shetlands	Dull	Poor	Slight					
17. N.W. Ireland	fair	Good	Slight					
18. N.E. Ireland	Fair to dull, local mist	fair	Smooth					
19. S.E. Ireland	Fair to cloudy	fair	Smooth					
20. S.W. Ireland	Cloudy or dull	Fair	Slight					



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

a shallow low over the Netherlands will probably cause local rain or drizzle in the Southeast and the Icelandic depression will maintain unsettled conditions in the west and Northwest. In other districts weather is likely to continue mainly fair.

EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of two 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.—Temperature is given in degrees F.
WEATHER SYMBOLS.—
 ☉ sky clear
 ☁ sky cloudy
 ☂ sky + clouded
 ☄ overcast sky
 * snow
 ☂ fog
 T thunder
 SEA ORGYRANG.—
 Rough High
 Further Outlook.

Forecast for the 24 hours commencing 15h G.M.T. Saturday, 25th September, 1920.

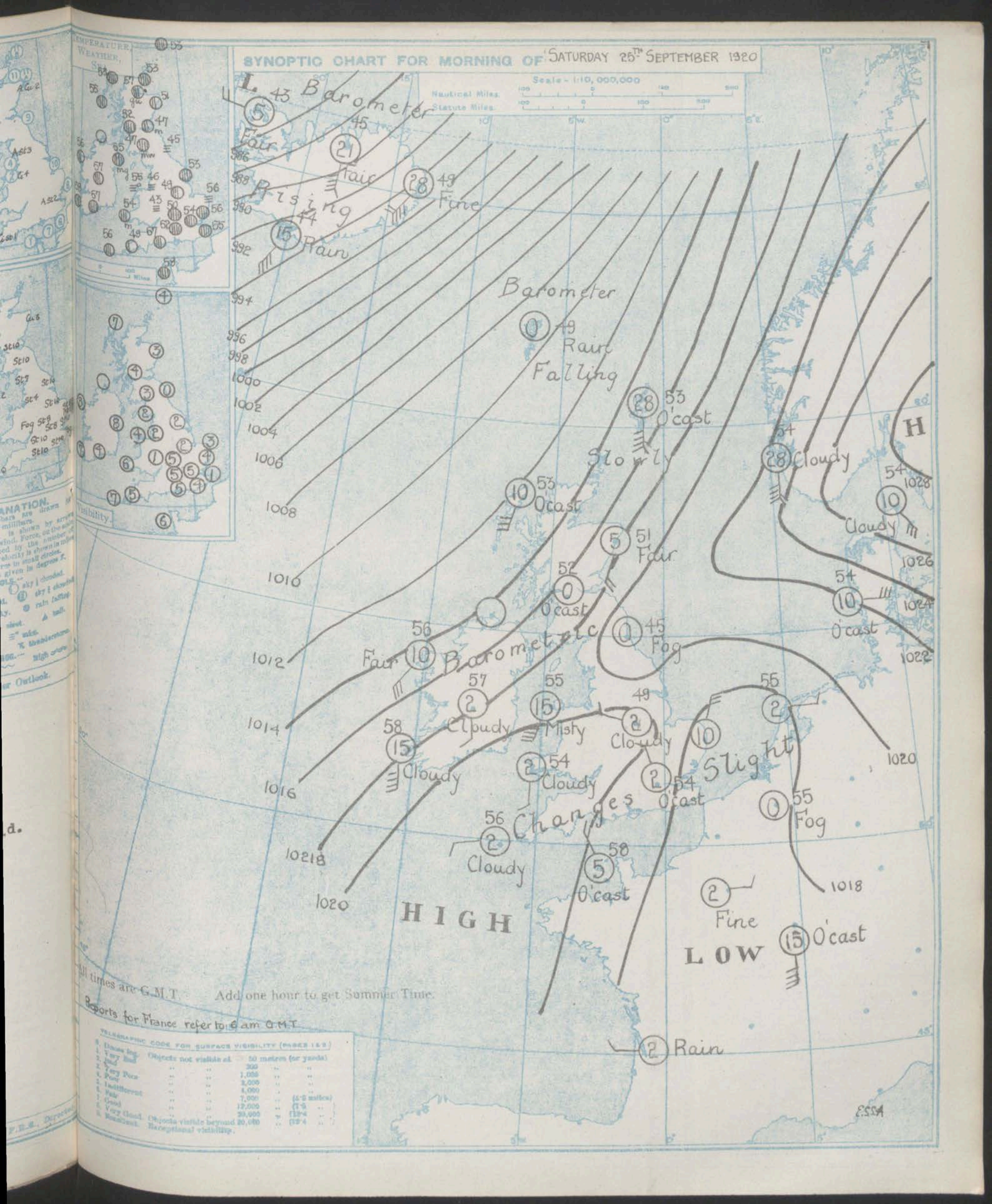
1. S.E. England	wind Northerly light; cloudy or overcast, some rain or drizzle; visibility indifferent, some mist or fog; rather cold.
2. E. England	
3. E. Midlands	
4. W. Midlands	wind South or Southwest, light or moderate; cloudy, visibility indifferent to fair, local mist or fog; moderate temperature.
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	wind South to Southwest, moderate, fresh locally; cloudy or dull, some rain or showers; visibility fair; temperature moderate.
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	AS for 4 - 13.
19. S.E. Ireland	
20. S.W. Ireland	

withheld.

SYNOPTIC CHART FOR MORNING OF SATURDAY 25TH SEPTEMBER 1920

Scale - 1:10,000,000

Nautical Miles
Statute Miles



ANATION.
bars are drawn
is shown by arrow
wind force, on the
ed by the number
velocity is shown in
re in small circles
given in degrees F.
sky is clouded.
sky is clouded.
rain falling
mist.
A. mist.
K. moderate
100. High
er Outlook.

d.

All times are G.M.T. Add one hour to get Summer Time.
Reports for France refer to 6 am G.M.T.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 123)

	(Objects not visible at	50 metres (for yards)	
1. Dense fog	300		
2. Fog	1,000		
3. Very Poor	2,000		
4. Poor	4,000		
5. Uncertain	7,000		(12 miles)
6. Good	12,000		(19 miles)
7. Very Good	20,000		(32 miles)
8. Excellent	30,000		(48 miles)

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 269.

SATURDAY
25th SEPTEMBER 1920

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

STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-24h.	Day. 9h-17h.	to 17h.	Sunrise to Sun- set.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-24h.	Day. 9h-17h.	to 17h.	Sunrise to Sun- set.
Scotland.	Oban	cb	cb	63	48	-	-	6.9	0.0	England, N.W.	Douglas (I.O.M.)	-	-	61	44	-	-	7.6	6.1
	Banff	b	b.b.c	64	47	-	-	9.6	0.0		Blackpool	bm	bm	66	45	-	-	8.6	8.8
	Montrose	m.b.c	b.c.f	59	41	-	-	8.5	3.2		Southport	f.c.b.c	b	66	42	-	-	7.7	9.2
	St. Andrews	b	b	64	40	-	-	8.8	3.8		MORCAMBE	-	-	61	44	-	-	7.1	8.3
England, N.E.	Harrogate	fo	o.c.b.c	57	44	0.2	0.1	0.5	7.3	Midlands.	Buxton	m.c.b	b.c.b.c.b	57	38	-	-	2.5	0.6
	Scarborough	o	om	60	47	-	-	0.5	5.4		Leamington Spa...	cb	cb	61	45	-	-	1.8	1.8
	Skegness	o	o	61	50	-	-	3.4	8.1		Malvern	m.b.c	b.c.b	61	46	-	-	3.2	2.7
England, E.	Lowestoft	oc	co	59	53	-	-	0.6	9.8		Bath	mo	o.c.b.c.b	63	45	-	-	4.8	2.9
	Felixstowe	og	og	61	54	-	-	0.3	8.9	Wales.	Rhyl	b	b	66	42	-	-	9.5	8.8
	Southend-on-Sea...	o	o	62	52	-	-	0.1	4.8		Colwyn Bay	-	-	63	44	-	-	9.5	7.8
England, S.E.	Tunbridge Wells	o	o	62	53	-	-	0.1	3.4		Llandudno	-	-	63	45	-	-	10.2	7.3
	Margate	o	o	60	57	-	-	0.0	8.0		Aberystwyth	cb.b	b.b.c	60	45	-	-	10.0	9.0
	Ramsgate	*	*	60	55	-	-	0.0	8.2		Tenby	b	b	65	40	-	-	9.0	7.3
	Folkestone	og	go	62	56	-	-	0.0	7.3		Swansea	-	-	66	45	-	-	8.4	7.8
	Hastings	co	o	62	55	-	-	0.3	3.6	England, S.W.	Weymouth	bc	b.c.c	69	51	-	-	3.7	9.8
	Eastbourne	o	o	62	54	-	-	0.3	3.9		Teignmouth	b.c.b	bc	67	46	-	-	7.0	7.3
	Brighton	c	co	62	53	-	-	0.3	6.6		Torquay	w.z.b.c.b	z.b.c.b	66	48	-	-	7.4	7.4
	Worthing	c	o	62	54	-	-	0.6	7.3		Paignton	w.b.m. b	b.z	68	45	-	-	7.5	6.6
	Littlehampton	bc	oc	64	50	-	-	2.0	6.5		Penzance	b	b	64	46	-	-	9.6	8.0
	Portsmouth (S' thea)	bc	o	63	53	-	-	1.8	5.2		Newquay	w.b.m	b.z	59	44	0.1	-	9.0	7.4
	Bournemouth	*	*	64	49	-	-	2.7	9.0		Bude	w. b	b	63	42	-	-	9.0	9.5
	Ventnor (I. of W.)	*	*	63	52	-	-	0.8	7.6		Ilfracombe	b	b	62	46	-	-	9.3	9.5
											Weston-s-Mare	cb	b	63	45	-	-	6.7	2.1

SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Mjn. on Grass ° F.	RAINFALL.		Sun. Hours.
	7h-18h ^{7h}	18h-18h ^{7h}	18h ^{7h} 24h ^{7h}	1h-7h ^{7h}				Day. 7h-18h	Night. 18h-7h	
Renfrew ...	c.c.o	b.b.c.z	o.s.f. o.4-3f	o.s.f. o.3f	64	42	36	mm.	mm.	8.1
Eskdalemuir ...	o.s.f.b.b.c.z	b.b.c.z	b.4-3f	4-3f.o.s.f.w	60	38	30	-	Trace	6.9
Valencia (Cabre'n)	o.s.f.c.	r.p.d	b.d. o.s.f	o.s.f. c.o	60	36	56	3	1	0.0
Baldonnel ...	o.s.f.bbc	z.c.o	c. o.s.f	b.c.c	60	49	44	-	-	10.0
MANCHESTER ... (Alex. Pk.)	b.b.c.z	b.b.c.z	b. 3o.3f	b. 3o.4-3f	60	38	32	-	-	8.1
Ross on Wye...	o.s.f.c.o.s.f	b.c.z	b.w.s.f. 3f	3-3f.o.s.f	60	42	38	-	-	2.9
Falmouth ...	4-3f.b.f.s.f	z.f.zf	b. 3o.w	b. 3o.w	66	44	4	-	-	9.5
Calshot (Hants)...	o.s.f.o	c.o.b.o	c. o.s.f	c. o.s.f	60	52	4	-	-	1.3
Lympne (Folkestone)	q.o.s.f.p.d	o.s.f.q.o.s.f.p.d	o.s.f.p.d. b.f.s.f	c. o.s.f	60	53	53	Trace	2	0.1
Aberdeen ...	z.f.c.z	z.f.zf	z.f.	z.f. 3f	60	48	48	-	-	8.4
Howden ...	o.s.f.zf	c.o.o	o.4-3f	4-5f	62	36	35	-	-	1.9
Cranwell (Lines) ...	o.s.f.o.s.f	z.f.o.s.f	c.o.o	b.c.o.o.s.f	61	46	36	-	-	0.4
Felixstowe ...	o.f.o	o	o.o	z.f. 3f	62	54	4	4	4	8.1
Shoeburyness ...	b.c.c	c.o.o	o.zf	o.s.f.p.d	62	53	53	-	0.1	0.2
Benson ...	?	b	c.o	c.o.o	63	50	45	-	-	8.1
S. Farnborough ...	c.o.f	c.o.f	b.c.c.o	c.o.c.o	60	49	42	-	-	2.3
London (Kew Obsy.)	w.c.o.z	o.s.f	o.s.f.c.o	c.o	62	53	46	-	-	1.0
Croydon ...	o.s.f.o.s.f	o.s.f.o.s.f	3f	o.zf	59	53	4	-	-	8.1

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog.
g gloom.
h hail.
i lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, i.e., rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

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

THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.

No.	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	1.5-3.3
3	8-12	3.3-5.4
4	13-18	5.4-7.9
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	64-76	28.5-33.5
12	Above 76	33.6 or above

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

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %	
	Morning.	Afternoon.	Night.						15 h.	9 h.
									G. M. T.	M. T.
	24 HOURS ENDED 9h G. M. T. 25 TH							YESTERDAY.	TO-DAY.	
Greenwich (Royal Observatory)	0	0.0m	0m	64	53	52	-	0.9	74	91
City (Bunhill Row) ...	"	"	"	"	"	"	"	0.5	"	"
Westminster (St. James's Park)	"	"	cm	64	55	50	-	0.4	69	87
Camden Sq. (British Rainfall)	0	0	"	66	53	50	-	"	70	84
Kensington Palace ...	0	0.00	"	63	53	52	-	"	80 (18h)	92
Hampstead Observatory ...	"	"	"	60	51	"	-	1.2	"	96

SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday	HUMIDITY %	
	15 h. G.M.T.	9 h. G.M.T.
	Total 50.6	Joules.
Average Rate.	11.6	Milliwatts.
Maximum Rate.	43	

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

25th & 26th SEPTEMBER 1920.			
Stations.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth...	5.45	1.45	5.45
Greenwich	5.52	11.52	5.52
Wick	6.4	12.4	6.4
Valencia ...	6.53	12.53	6.53

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

Exposure from 24th 19h to 25th 4h.

Stars.	Duration of Exposure.	Duration of Record.	%
Polaris	9 30	N 1 2	-
8 Ursae	9 30	N 1 2	-

NOTES ON THE WEATHER OF YESTERDAY.

Some rain fell in most localities but except on the Northwestern seaboard the amounts were slight. Sunshine was most abundant in the west of England and Wales, Scilly reporting 10.6 hours and Llandudno 10.2 hours (up to 17h). Air temperature reached 69° at Weymouth and 67° at Teignmouth.

* Information for these columns not usually received.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 21493

Sunday 26th September.....1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 12H.																																										
STATIONS	BAROM. at M.S.L. mb.	Change in 3 hours	WIND.		Weather	TEMP. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea	BAROM. at M.S.L. mb.	Change in 3 hours	WIND.		Weather	TEMP. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea														
			Force	Dir.						Form.	Amt.	Form.	Amt.				Form.	Amt.																								
			0-12.	0-12.						0-10.	0-10.	0-10.	0-10.				0-10.	0-10.																								
12H. G.M.T. OF 25																																										
Renfrew ...	1017.6	0	S	1	od.	58	97	5	1250	ScCu	10	-	-	4	1017.0	0	SSE	1	02f	59	92	5	2000	ScCu	10	-	-	4														
Eskdalemuir ...	1019.2	-1	SSW	3	03f	53	97	3	750	Sc	10	-	-	4	1020.1	0	S	3	02f	54	97	2	150	Sc	10	-	-	4														
Valencia (Cahire'n)	1017.5	-1	S	5	C	62	85	8	750	Sc	8	-	-	4	1016.6	0	S	6	0	60	92	8	750	Sc	9	ASr	1	4														
Baldonnel ...	1018.1	-1	SW	3	Cv	69	85	9	4200	Cu	4	Ci	3	4	1018.0	+2	SSW	4	C	60	92	8	4200	Cu	1	Ci	3	4														
Manchester (Alex. Fk)	1019.8	-1	WSW	2	b1f	66	85	6	-	-	-	Ci	3	4	1020.0	+1	-	0	b3f	57	85	3	1250	Sc	2	Ci	1	4														
Ross on Wye ...	1020.3	-1	-	0	02	60	75	5	3000	ScCu	10	-	-	4	1020.3	+1	WSW	1	bc	60	85	8	2000	Sc	5	Ci	1	4														
Falmouth ...	1021.8	0	WNW	1	02f	61	85	5	-	ScCu	10	-	-	4	1022.4	+1	WNW	1	02f	59	85	5	-	ScCu	9	-	-	4														
Calshot (Hants) ...	1019.8	0	N	2	C	61	75	7	4200	Cu	3	ASr	5	1	1020.6	+2	-	0	0	59	95	7	1250	Sc	2	ASr	8	0														
Lymington (Folkestone)	1019.1	+1	N	3	02fe	56	97	4	4500	Sc	10	-	-	4	1019.8	+1	-	0	orm	56	92	5	750	Nb	10	-	-	4														
Aberdeen ...	1016.3	-1	S	2	02f	61	65	4	-	-	-	ACu	5	3	1016.6	+1	SSW	2	b2fe	56	85	5	-	-	-	ACu	1	3														
Howden ...	1018.7	-2	-	0	Z	61	75	6	-	-	-	-	-	4	1019.2	+1	-	0	01f	58	92	4	3000	Sc	5	ASr	5	4														
Cranwell (Lincs) ...	1019.9	-1	-	0	bc	61	75	8	4200	Cu	3	Ci	1	4	1019.8	+1	-	0	C	57	85	5	2000	Sc	6	Ci	2	4														
Felixstowe ...	1019.2	+1	WNW	2	01f	59	92	5	3000	Sc	10	-	-	4	1020.1	+1	NW	3	02fe	58	97	4	1250	Sc	10	-	-	4														
Shoeburyness ...	1018.7	+1	WNW	1	0	58	85	6	2000	ScCu	10	-	-	4	1020.1	0	WNW	1	02f	56	85	6	3000	Sc	10	-	-	4														
Benson ...	1020.0	0	NW	1	0	55	75	6	-	Cu	5	Ci	2	4	1020.3	0	-	0	C	57	85	5	-	Sc	8	-	-	4														
S. Farnborough ...	1019.7	0	WNW	2	02	62	75	6	4200	ScCu	10	-	-	4	1020.4	+1	WNW	1	om	58	92	6	4200	Cu	10	-	-	4														
London (Kew Obs.)	1019.6	-1	N	2	02f	59	75	5	4200	ScCu	5	ASr	4	4	1020.4	+2	-	0	02f	59	85	4	2000	Sc	10	-	-	4														
Croydon ...	1019.8	0	WNW	1	02f	57	85	5	1250	Sc	10	-	-	4	1020.7	+2	-	0	03f	57	92	3	1250	Sc	10	-	-	4														
1H. G.M.T. OF 26																																										
Renfrew ...	1018.2	-1	S	4	03fe	54	97	3	750	Sc	10	-	-	4	1017.3	+2	SW	1	02f	56	92	5	1250	ScCu	10	-	-	4														
Eskdalemuir ...	1018.2	-1	S	4	03fe	54	97	3	750	Sc	10	-	-	4	1018.8	+1	S	4	03fe	54	97	2	750	Sc	10	-	-	4														
Valencia (Cahire'n)	1017.4	0	S	1	om	57	-	-	-	-	-	-	-	4	1017.6	0	S	4	0	59	97	6	750	Sc	8	ACu	1	4														
Baldonnel ...	1018.0	0	SSW	5	09	58	92	7	4200	Cu	5	ACu	3	4	1018.7	0	SSW	4	0	59	97	6	4500	Sc	9	-	-	4														
Manchester (Alex. Fk)	1021.8	0	SSW	2	02f	56	97	5	-	Sc	10	-	-	4	1021.8	+2	-	0	b4fe	41	97	2	-	-	-	ACu	3	4														
Ross on Wye ...	1023.2	0	SW	2	02f	56	97	5	-	Sc	10	-	-	4	1022.8	+2	WNW	1	02f	47	97	1	4500	Sc	10	-	-	4														
Falmouth ...	1022.1	+1	-	0	02f	55	97	4	2000	Sc	10	-	-	4	1022.1	+1	-	0	02	56	97	7	-	Sc	10	-	-	4														
Calshot (Hants) ...	1022.1	+1	-	0	02f	55	97	4	2000	Sc	10	-	-	4	1023.6	+3	NW	1	02f	54	97	4	4500	Sc	10	-	-	4														
Lymington (Folkestone)	1021.1	+1	-	0	02f	54	97	5	1250	Sc	10	-	-	4	1021.7	+1	-	0	03f	54	97	3	4200	ScCu	10	-	-	4														
Aberdeen ...	1020.3	0	-	0	02fe	42	97	0	4500	Sc	10	-	-	4	1018.4	+3	SSW	2	b2fe	57	92	5	1250	Sc	4	-	-	3														
Howden ...	1021.1	+1	N	1	b2fe	50	97	4	3000	Sc	4	-	-	4	1021.3	+1	N	3	0	50	97	5	4200	ScCu	2	-	-	4														
Cranwell (Lincs) ...	1021.1	+1	N	1	b2fe	50	97	4	3000	Sc	4	-	-	4	1021.9	+1	N	3	0	50	97	5	4200	ScCu	2	-	-	4														
Felixstowe ...	1021.1	+1	N	1	b2fe	50	97	4	3000	Sc	4	-	-	4	1021.9	+1	N	3	0	50	97	5	4200	ScCu	2	-	-	4														
Shoeburyness ...	1021.1	+1	N	1	b2fe	50	97	4	3000	Sc	4	-	-	4	1021.9	+1	N	3	0	50	97	5	4200	ScCu	2	-	-	4														
Benson ...	1021.1	+1	N	1	b2fe	50	97	4	3000	Sc	4	-	-	4	1021.9	+1	N	3	0	50	97	5	4200	ScCu	2	-	-	4														
S. Farnborough ...	1021.1	+1	N	1	b2fe	50	97	4	3000	Sc	4	-	-	4	1021.9	+1	N	3	0	50	97	5	4200	ScCu	2	-	-	4														
London (Kew Obs.)	1021.5	0	N	1	02f	54	97	4	2000	ScCu	10	-	-	4	1022.1	+2	WNW	1	om	52	97	4	4200	Sc	10	-	-	4														
Croydon ...	1022.1	0	N	1	02f	52	97	4	2000	ScCu	10	-	-	4	1022.8	+2	N	1	02f	54	97	4	1250	Sc	10	-	-	4														
STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.																																										
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather	BAROMETER.		TEMPERATURE.		WIND.		Dir. of Upper Cloud.	Weather.	Sea	Rainfall mm.	TEMP.			WEATHER.			Sunshine Hours.																				
			Force	Dir.		at M.S.L. mb.	Change in 24 hours.	Temp.	Change in 24 hours.	Dir.	Force					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.																						
			0-12.	0-12.		0-12.	0-12.	0-12.	0-12.	0-12.	0-12.					0-12.	0-12.	0-12.	0-12.																							
12H. G.M.T. OF 25																							7H. G.M.T. OF 26										24 HOURS ENDED 7H. 26									
Lerwick ...	1014.3	53	S	4	om	1013.0	41	54	+1	S	3	S	omr	2	1	57	48	0	0	om	-																					
Stornoway ...	1012.6	56	S	4	0	1015.1	43	47	-6	S	1	-	bc	0	8	59	46	0	0	or. bc	1.7																					
Castell Bay (Barra)	1012.3	58	SE	4	r	1015.3	42	52	-3	SSE	2	-	bc	2	6	57	50	0	0	r.o. bc	0.5																					
Malin Head ...	1012.8	61	SSW	2	C	1015.3	41	51	?	S	2	S	C	2	1	63	50	C	C	omd	5.7																					
Blackod Point	1010.6	58	SW	6	omr	1015.7	-2	56	0	S	3	-	C	3	9	61	53	omd	ompa	ompa	-																					
Roche's Point ...	1020.0	59	SW	3	0	1020.8	0	58	+1	SW	4	-	0	4	2	62	57	ofec	C	epd. 0	-																					
Birr Castle ...	1017.4	62	S	2	C	1016.0	-	58	+1	S	2	-	C	-	-	69	54	C	C	C	5.9																					
Donaghadee ...	1016.7	59	SW	1	C	1017.6	+4	56	+1	WSW	1	SW	bcm	1	-	63	58	Cmg	Cm	bcm	-																					
Liverpool (Bidston)	1019.7	58	SSE	1	bc	1021.0	+1	55	+9	SSW	2	N	bc	2	-	61	46	f. bcm	obcm	b. bc	3.4																					
Holyhead ...	1019.1	57	SSW	4	bf	1020.1	+1	57	+2	SW	5	-	fe	4	0.2	59	54	fe	fecf	bf. omc	0.0																					
Pembroke (St. Ann's Head)	1021.4	57	N	2	omc	1022.5	0	57	+3	SSW	2	-	0	3	0.1	57	53	om	omc	om. 0	0.0																					
Scilly (St. Mary's)	1021.8	59	WNW	1	-	1022.6	0	58	+2	SSW	1	-	0	3	-	64	57	cf	cof	0	1.8																					
Jersey (St. Aubin)	1021.3	57	NW	2	C	1023.6	+1	58	0	NW	2	-	0	1	0.1	63	55	oecbc	bc. b. o	od. 0	-																					
Portland Bill ...	1021.2	60	N	2	bc	1023.2	+4	58	+1	NW	2	-	om	2	-	61	54	cbc	bc	bc. om	-																					
Dungeness ...	1019.3	59	NE	2	0	1021.5	+1	55	0	WSW	1	-	0	1	0.3	60	56	oc	op	acc. do	-																					
Wick ...	1013.4	56	SSW	2	bc	1013.8	+5	56	+2	N	1	-	C	1	2	63	52	ombcm	bcm	bc. ep. c	-																					
Nairn ...	1014.3	60	-	0	bc	1014.6	-	55	-2	-	0	-	C	1	0.2	65	54	bccg	bcc	cgpc	2.6																					
Leith ...	1016.3	58	S	1																																						

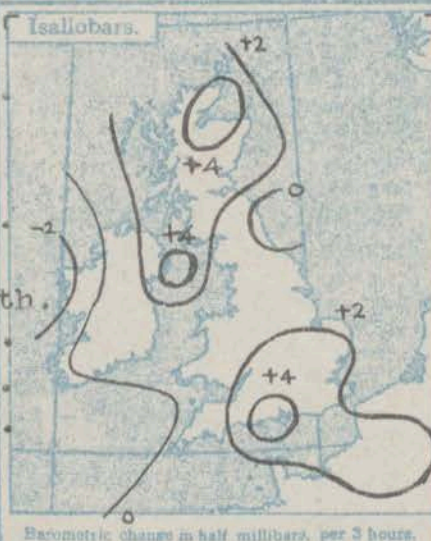
Temperature reported from Coastal and Cross Channel Steamers

CHART OF
POSITION
NUMBERS
and
Upper Cloud

Ac. 1

Ac. 2
G1

Ac. 3



Lower Cloud.

St. 3 }
St. Cu }

St. Cu 10

St. 10

M. N. St. 10

St. Cu 2
W.S. 1

Fog St. Cu 2

St. 10 Fog St. Cu 7

St. 10 St. 10

St. 10 St. 10

St. 10

EXPLANATION.

BAROMETER.—Isobars are drawn for intervals of two millibars.

is shown by arrows

A secondary depression approaching Ireland will cause some rain or showers in the N.W. of the Kingdom, but the anticyclone, which is extending over the British Isles from the Southwestward, is likely to cause dry weather generally, although much cloud and some mist or fog may be experienced.

WIND.—direction is by the number of the wind blowing with the wind. Force, in knots, is indicated by the number 0-12. Is indicated by the number of feet per hour by figures in small circles. TEMPERATURE is given in degrees F. WEATHER SYMBOLS.—

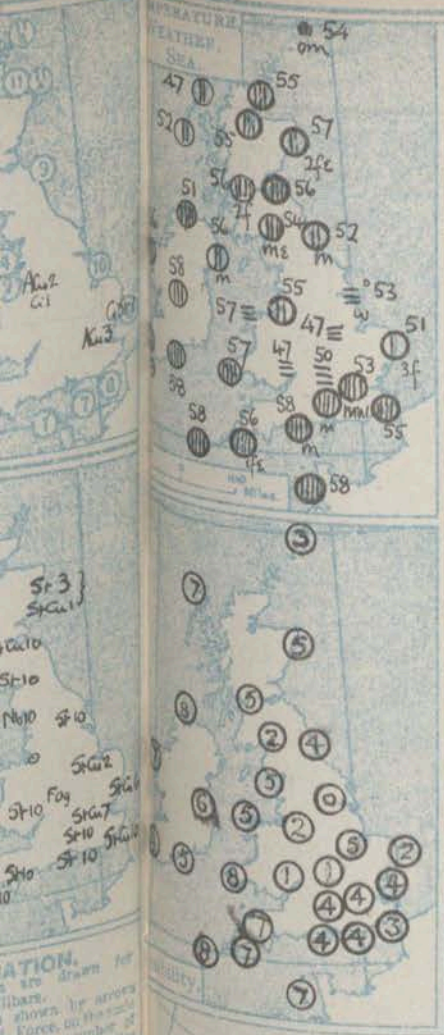
clear sky. ☉ sky & cloud. ☁ sky & cloud. ☁ overcast sky. ☁ rain falling. ☁ & hail. * snow. ☁ snow. ☁ mist. ☁ fog. ☁ = mist. ☁ thunderstorm. SEA DISTURBANCE.—

rough. ☁

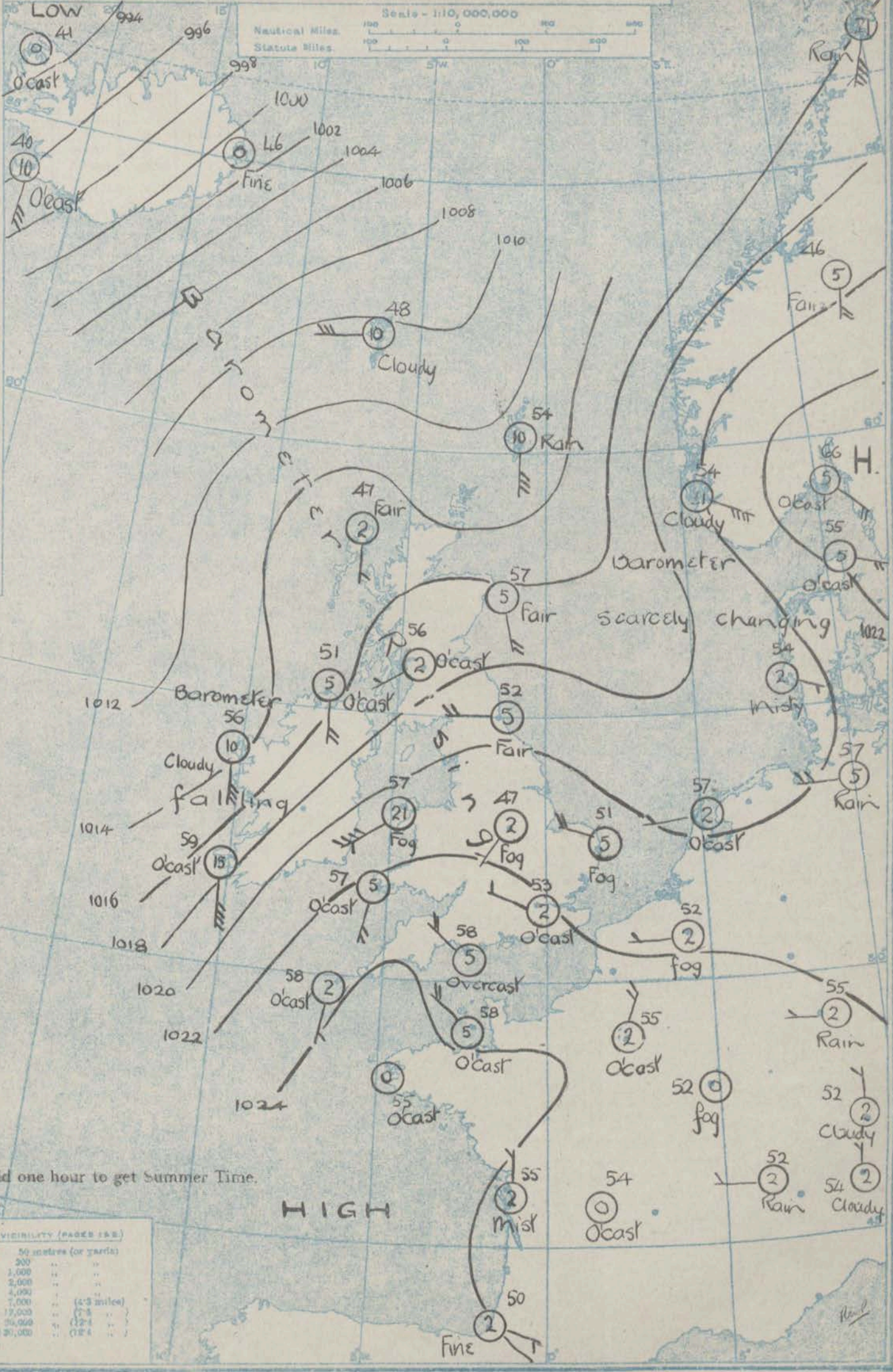
None issued.

SYNOPTIC CHART FOR MORNING OF Sunday, 20th SEPTEMBER, 1920.

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



...ssued.



TELEGRAPHIC CODE FOR SURFACE VICINITY (PAGE 125)

Code	Meaning	Objects not visible at	Distance (meters or yards)
1	Dense fog	50	metres (or yards)
2	Very dense fog	200	"
3	Fog	1,000	"
4	Very poor fog	2,000	"
5	Indifferent fog	4,000	"
6	Fog	7,000	" (4.3 miles)
7	Good fog	17,000	" (7.5 miles)
8	Very good fog	30,000	" (12.4 miles)
9	Excellent fog	50,000	" (24.4 miles)

Sunday
26th SeptemberWEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 25th

STATIONS.	WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.			
	Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 24-25	Day. 9h-17h. 25	to 17h. 25	Sunrise to Sun- set. 24		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 24-25	Day. 9h-17h. 25	to 17h. 25	Sunrise to Sun- set. 24		
Scotland.	Oban	o r o	c o	62	53	5	-	2.5	7.4	England, N.W.	Douglas (I.O.M.)	*	*	59	53	-	-	0.0	7.6
	Banff										Blackpool	o	cm	59	46	-	-	0.2	7.6
	Montrose	b c f	c f	61	36	-	-	4.4	9.5		Southport	b c c o	o b e c	61	43	-	-	1.5	7.7
	St. Andrews																		
England, N.E.	Harrogate	b c	b c	65	41	-	-	7.5	1.0	Midlands.	Buxton	m z c b c	b b c b	64	42	-	-	8.3	2.8
	Scarborough	b	b	65	44	-	-	6.9	0.5		Leamington Spa	w c b	b c	62	45	-	-	5.0	2.8
	Skegness										Malvern	m b	b c c o	64	45	-	-	2.0	4.8
England, E.	Lowestoft										Bath	m b c c	o c b c b	64	45	-	-		
	Felixstowe	o m	o g	59	55	2	-	0.0	0.3	Wales.	Rhyl								
	Southend-on-Sea	o m r o	o	59	52	0.3	0.1	0.0	0.1		Colwyn Bay							4.6	10.4
England, S.E.	Tunbridge Wells	o d	o	57	52	1	0.3	0.0	0.1		Llandudno	o	c b b	64	46	-	-	1.0	10.0
	Margate	o	o	59	56	2	0.1	0.0	0.0		Aberystwyth	o c b	g o	59	44	-	-	0.7	9.4
	Ramsgate	*	*	58	54	2	1	0.0	0.0		Tenby	c	b c c	61	39	-	-		
	Folkestone	o	o	63	55	2	-	0.0	0.3		Swansea							2.0	3.7
	Hastings	o	o	61	53	2	-	0.0	0.3	England, S.W.	Weymouth	b c z	b c c z	60	49	-	-		
	Eastbourne	o	o	61	54	0.3	-	0.0	0.3		Teignmouth								
	Brighton										Torquay							7.1	?
	Worthing	o	o	60	53	-	-	0.0	0.6		Paignton	w b	b c b	68	49	-	-	0.8	10.1
	Littlehampton	o c	o c m	63	59	-	-	0.0	2.0		Penzance	f c o	c o	63	47	-	-		
	Portsmouth (S. base)	*	*	64	52	-	-	1.7	1.8		Newquay							2.4	9.4
	Bournemouth	*	*	64	49	-	-	3.0	2.7		Bude	w f e c	b c o	61	40	0.1	-	3.6	9.3
	Ventnor (I. of W.)	*	*								Ilfracombe	b c c	c o	61	49	-	-		
											Weston-s-Mare								

SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	7h-15h.	15h-18h.	Max. °F.	Min. °F.	Night. 17h-7h.	Day. 7h-15h.	Night. 15h-7h.	Sun. Hours.
Renfrew ...	p d, o f	o f	62	52	47	52	0.0	0.0
Esksdalemuir ...	o f	3 f e d d	54	47	52	0.3	1	3.1
Valencia (Cahire'n) ...	c o c o	c o f	62	56	54	-	1	8.4
Baldonnell ...	b c c v	b c c b c c	70	55	54	-	-	8.4
Didsbury ...	b c c f	b o f	66	39	31	-	trace	5
Ross on Wye ...	4 f 3 f b c c	o f	63	42	41	-	trace	1.3
Falmouth ...	o f	1 f e f e	63	48	54	-	-	3.5
Calshot (Hants) ...	b c c o	o f	63	57	54	-	-	2.6
Lympne (Folkstone) ...	4 f e f e f e	o f	58	53	53	0.1	0.3	0.0
Aberdeen ...	3 f e f e	2 f e	62	51	46	-	-	6.5
Howden ...	z c o	b c c z	65	39	37	-	-	4.9
Cranwell (Lines) ...	o f b c c	b c c b c c	65	47	39	-	trace	5.0
Felixstowe ...	p d, o f	p d, o f	60	56	*	*	*	*
Shoeburyness ...	3 f e p d	o f g	59	53	46	-	0.3	0.0
Benson ...	b c c	b c c	62	48	47	-	-	*
S. Farnborough ...	o f	o f	63	52	48	-	-	0.9
London (Kew Obs.) ...	o	g, o f	60	52	48	-	-	0.0
Croydon ...	o f, 2 f d d	o f	58	57	-	1	trace	*

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog.
g gloom.
h hail.
i lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
s sleet, i.e., rain and snow together.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

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

THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.

Limits of Velocity at about 30 feet above ground.

No. Statute miles per hour. Metres per second.

0 Less than 1 Less than 0.9

1 1-3 1.6-2.3

2 4-7 2.4-3.1

3 8-13 3.4-3.7

4 13-18 4.0-4.7

5 18-24 4.7-5.4

6 24-30 5.4-6.1

7 30-36 6.1-6.7

8 36-46 6.7-8.0

9 46-64 8.0-10.1

10 64-83 10.1-12.0

11 83-100 12.0-14.3

12 Above 100 14.3 or above

SYMBOLS.

Aurora ☄ Solar halo ☀

Rime ☃ Lunar halo ☾

Glazed frost ☑ Solar corona ☉

Glazed roads ☙ Lunar ... ☌

LONDON OBSERVATIONS.

	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Morning.	Afternoon.	Night.	Max. °F.	Min. °F.	Min. on Grass. °F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.
Greenwich (Royal Observatory)	o, am	o	o, ed.	60	52	46	-	0.0
City (Bunhill Row)	*	*	*	*	*	*	*	*
Westminster (St. James's Park)	*	*	o, r, b c	61	52	47	1	77
Camden Sq. (British Rainfall)	*	*	*	62	52	49	1	83
Kensington Palace	o	o	*	60	48	48	1	92 (18h)
Hampstead Observatory	*	*	*	58	52	*	1	0.0

SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.

Total ... Joules.

Average Rate.

Maximum Rate.

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

26th & 27th Sept. 1920.

Stations. Sunrise. Noon. Sunset.

G.M.T. G.M.T. G.M.T.

Yarmouth ... 5.46 11.44 5.40

Greenwich ... 5.53 11.51 5.47

Wick ... 6.6 12.3 6.0

Valencia ... 6.34 12.32 6.21

Photographic Record of

Pole Star (Polaris) and of δ Ursae

Minoris at Greenwich Observatory.

Exposure from ... h ... m.

to ... h ... m.

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

NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose to about 70° in some parts of Ireland and to 68° at Paignton. The minima of the night were mostly high for the time of year. Rather considerable falls of rain occurred in the extreme N.W. of the Kingdom and slight amounts in many other districts. Bright sunshine varied greatly; in a few places in the W. and N. the records were good, but over the Kingdom generally the day was very cloudy or overcast, and at several stations there was no sunshine, especially in the S.E.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 21494

Monday, 27th September 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 12H.																										
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND. Direc. Force 0-12.	WEATHER.	TEMP. °F.	Humidity. %	Visibility. 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Form.	Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND. Direc. Force 0-12.	WEATHER.	TEMP. °F.	Humidity. %	Visibility. 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Form.	Sea 0-9.				
12H. G.M.T. OF 26																										
Renfrew ...	1017.6	0	SW	4	bc	64	75	7	3000	Nb	3	1017.1	+1	SSW	1	bc	66	85	6	3000	Cu	3	C	2	4	
Eskdalemuir ...	1019.1	0	SSW	4	of 2/3	58	92	3	750	Nb	10	1018.9	0	S	4	odm	55	97	2	750	Sr	10	-	-	4	
Valencia (Cahire'n)	1017.4	0	S	5	0	62	85	8	750	Sr	10	1016.1	-1	S	5	0	53	92	4	750	Sr	10	-	-	4	
Baldonnel ...	1020.1	0	SW	4	c	66	92	9	750	Cu	7	1018.7	0	SW	4	bcq	61	92	7	750	Sr	3	ASr	3	4	
Manchester (Alex. R.)	1021.4	-1	SSW	3	c	65	75	8	2000	Cu	7	1021.0	0	S	1	bzf	59	85	3	3000	Sr	3	-	-	4	
Ross on Wye ...	1022.4	-1	SW	3	bcz	63	85	7	3000	Sr	5	1022.2	0	WSW	2	02	58	85	7	3000	Sr	8	ACu	1	4	
Falmouth ...	1024.1	+1	SW	3	og	60	85	8	-	Sr	10	1023.0	0	SW	2	02	57	92	8	-	Nb	10	-	-	4	
Calshot (Hants) ...	1022.3	-1	NNE	1	bc	63	75	6	-	ACu	6	1022.7	0	WSW	2	b	58	92	6	5700	Cu	1	ACu	1	4	
Lympne (Folkestone)	1021.7	0	NNW	2	01f	66	65	6	4200	Cu	4	1021.4	-1	N	1	bcif	62	85	7	5700	Sr	5	ACu	1	4	
Aberdeen ...	1016.4	0	S	4	b, if	64	75	6	-	ACu	2	1016.3	0	SSW	2	bif	59	75	6	-	-	-	ACu	1	3	
Howden ...	1021.4	0	-	0	c2	64	75	4	4200	Sr	4	1020.7	0	-	0	02f	61	85	4	3000	Sr	4	ACu	5	4	
Cranwell (Lines)	1021.7	0	WSW	2	b	67	75	6	4200	Cu	1	1021.8	0	WSW	1	b	59	92	6	5700	Sr	1	-	-	4	
Felixstowe ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Shoeburyness ...	1021.9	0	WNW	1	bc	69	65	9	4200	Sr	4	1021.7	0	NW	1	bc	61	75	4	2000	Sr	4	ASr	1	4	
Benson ...	1022.9	0	NW	1	bc	62	85	4	-	Sr	6	1022.3	0	-	0	b	58	85	5	-	-	-	-	-	4	
S. Farnborough	1023.0	-1	NW	2	02	64	75	6	4200	Cu	9	1022.4	0	-	0	bcz	61	92	5	4200	Sr	3	ACu	1	4	
London (Kew Obs.)	1023.0	-1	W	1	02f	60	85	5	3000	Sr	5	1022.2	-1	NNW	1	bczfe	61	85	5	4200	Sr	1	ACu	3	4	
Croydon ...	1022.9	0	WNW	3	c2f	64	75	4	3000	Sr	2	1022.6	0	SW	3	bczfe	58	92	3	-	-	-	ACu	4	4	
1H. G.M.T. OF 27																										
Renfrew ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Eskdalemuir ...	1018.5	-1	S	4	02fe	56	97	2	750	Sr	10	1017.9	-1	SSW	4	01f	56	85	6	750	Sr	8	ACu	1	4	
Valencia (Cahire'n)	1014.1	-2	S	4	02	60	-	-	-	-	-	1013.4	0	S	6	0	59	92	6	1250	Nb	10	-	-	4	
Baldonnel ...	1018.2	0	WSW	4	c	58	92	7	4200	2Nb	3	1016.8	-1	S	5	02fe	57	97	4	750	Sr	4	45f	6	4	
Manchester (Alex. R.)	-	-	-	-	-	-	-	-	-	-	-	1021.4	0	S	3	bcnw	55	85	3	-	-	-	C	6	4	
Ross on Wye ...	-	-	-	-	-	-	-	-	-	-	-	1022.2	0	S	1	om	51	97	6	2000	Sr	10	-	-	4	
Falmouth ...	1022.8	0	SW	1	0	55	92	7	750	Sr	10	1022.3	0	SW	2	02	52	97	6	-	Sr	10	-	-	4	
Calshot (Hants) ...	1022.9	0	-	0	05fe	53	97	1	4500	Sr	10	1022.8	0	N	1	02f	54	97	4	750	Sr	10	-	-	4	
Lympne (Folkestone)	1021.9	0	-	0	bczfe	53	97	3	-	-	-	1022.1	0	NNW	2	02f	50	97	0	4500	Sr	10	-	-	4	
Aberdeen ...	-	-	-	-	-	-	-	-	-	-	-	1015.5	0	S	2	bcfe	57	92	7	1250	Sr	2	ACu	2	3	
Howden ...	1021.1	0	-	0	06fe	48	97	0	4500	Sr	10	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cranwell (Lines)	1021.9	0	WSW	2	b2fe	53	97	4	-	-	-	1022.5	0	WSW	2	bc	51	97	4	4200	Sr	4	-	-	4	
Felixstowe ...	-	-	-	-	-	-	-	-	-	-	-	1022.2	+1	N	1	02f	54	97	3	2000	Sr	10	-	-	4	
Shoeburyness ...	-	-	-	-	-	-	-	-	-	-	-	1022.1	0	W	1	b4fe	53	92	3	-	-	-	-	-	4	
Benson ...	-	-	-	-	-	-	-	-	-	-	-	1021.9	0	H	-	0	53	97	5	-	Cu	9	-	-	4	
S. Farnborough	-	-	-	-	-	-	-	-	-	-	-	1022.8	0	H	-	0	02f	48	97	4	2000	Sr	8	-	-	4
London (M.O. at 1h.)	1022.5	0	-	-	-	-	-	-	-	-	-	1022.8	0	H	-	0	b7fe	49	97	0	4200	Sr	3	-	-	4
Croydon ...	1023.0	-1	S	1	bczfe	51	97	5	-	-	-	1023.0	0	SSW	1	c2f	51	97	5	3000	Sr	8	-	-	4	
STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.																										
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND. Direc. Force 0-12.	WEATHER.	BAROMETEK. at M.S.L. mb.	TEMP. °F.	WIND. Direc. Force 0-12.	TEMP. °F.	WIND. Direc. Force 0-12.	TEMP. °F.	WIND. Direc. Force 0-12.	BAROMETEK. at M.S.L. mb.	TEMP. °F.	WIND. Direc. Force 0-12.	WEATHER.	TEMP. °F.	WIND. Direc. Force 0-12.	WEATHER.	TEMP. °F.	WIND. Direc. Force 0-12.	WEATHER.	TEMP. °F.	WIND. Direc. Force 0-12.	WEATHER.	Sunshine Hours.	
12H. G.M.T. OF 26																										
Lerwick ...	1014.5	51	S	3	om	1012.4	-2	54	0	S	3	-	om	2	0.3	57	46	bc	bc	om	-	-	-	-	-	
Stornoway ...	1010.0	58	S	6	0	1007.3	0	56	+9	S	7	-	ormq	6	1	61	46	bc	bc	ormq	5.5	-	-	-	-	
Castlebay (Barra's)	1011.6	58	SSE	4	0	1008.3	-2	55	13	SSE	5	-	T	6	1	58	52	bc	0	op.c.or	5.3	-	-	-	-	
Malin Head ...	1012.5	62	S	3	bc	1008.9	-1	58	+7	S	5	-	02	4	-	56	50	bc	bc	02	5.4	-	-	-	-	
Blacksod Point	1010.9	60	SSW	6	c	1007.4	-4	60	14	SSW	6	-	ormq	5	11	62	57	c	c	ormq	-	-	-	-	-	
Roche's Point ...	1019.8	58	SW	4	bc	1016.2	0	58	0	SW	4	-	0	4	1	60	57	ofdom	oebc	c.o	-	-	-	-	-	
Birr Castle ...	1016.6	63	S	1	c	1014.5	0	59	11	SE	3	-	0	-	-	58	55	c	c	c.o	4.6	-	-	-	-	
Donaghadee ...	1016.4	66	S	3	cm	1015.6	0	56	0	SSW	3	-	bcm	2	0.1	65	55	bcm	bcm	bcm.w	-	-	-	-	-	
Liverpool (Bldston)	1020.3	61	WSW	2	bc	1020.5	0	55	0	S	1	-	bc	2	-	67	53	bbc	bbc	c.b	8.2	-	-	-	-	
Holyhead ...	1019.6	59	SSW	4	0f	1019.2	0	56	-1	SSW	5	-	cpdq	4	0.3	59	55	fc	ofed	cfe.pd	0.0	-	-	-	-	
Pembroke (St. Mary's)	1022.1	58	SSW	3	0v	1021.3	-1	56	-1	SSW	4	-	0	4	1	61	55	oc	co	ov.opd	4.0	-	-	-	-	
Scilly (St. Mary's)	1023.0	58	SSW	1	0	1021.8	-1	54	-4	SSW	2	-	0	3	1	64	54	0	0	opd.c	1.1	-	-	-	-	
Jersey (St. Aubin)	1023.7	60	N	2	0	1022.5	0	57	-1	E	2	-	0	1	-	63	50	0	0	opd.c	0.2	-	-	-	-	
Portland Bill ...	1023.1	58	NW	2	c	1023.1	0	57	-1	H	1	-	0	2	-	60	53	om	omc	0	-	-	-	-	-	
Dunegness ...	1021.3	61	NNW	2	bc	1021.9	0	52	-3	NNW	2	-	bc	2	-	67	49	oebc	b	bc.c.f.c	-	-	-	-	-	
Wick ...	1014.1	54	S	1	bc	1010.4	-2	56	11	SSE	4	-	bcq	3	-	59	52	c.b	b.b	bcq	-	-	-	-	-	
Nairn ...	1013.8	59	SW	1	bc	1011.4	-	59	14	SSW	2	-	bc	1	-	60	53	c.b	b.b	bc	4.8	-	-	-	-	
Leith ...	1016.3	64	SW	1	c	1013.4	0	56	0	SW	2	-	bc	2	-	69	55	c.b	b	c	-	-	-	-	-	
Tynemouth ...	1021.0	61	WSW	2	bc	1019.0	0	55	+3	SW	2	-	cm	2	-	64										

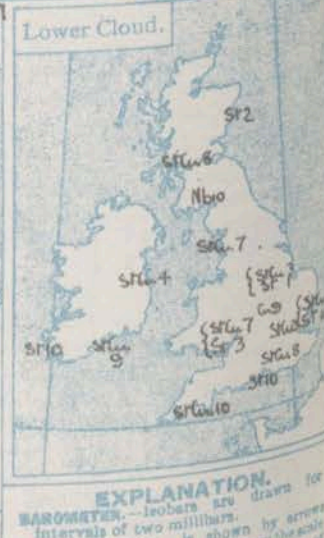
SUMMARY OF CONDITIONS AT 7 h.G.M.T.27.9.20.

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

Temperature reported from Coastal and Cross Channel Steamers

Position Number	Date	Time G.M.T.	Sea °F	Air °F
6	26 th	14.23	61	62

CHART OF POSITION NUMBERS and Upper Cloud



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

The anticyclone lying over Southern England will maintain mainly fair weather in the East and South of England, though a good deal of mist or fog may be anticipated. The remainder of the Kingdom will experience local rain or drizzle with Southerly winds due to the influence of the Icelandic depression.

EXPLANATION.
BAROMETER.—Isobars are drawn for intervals of two millibars.
WIND.—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS.—
clear sky. sky 1 clouded.
sky 2 clouded. sky 3 clouded.
overcast sky. rain falling.
snow. hail.
fog. mist.
T is under. thunderstorm.
SEA DISTURBANCE.—
rough. high.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 27th September, 1920.
1. S.E. England	Wind light variable; fair or cloudy; visibility varying from bad to fair, some mist or fog; cool.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Wind S. or S.W., light to moderate; cloudy or overcast, rain or drizzle locally; visibility fair; temperature moderate.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Wind S. or S.W., moderate or fresh, strong locally; cloudy or dull, some rain; visibility indifferent to fair; moderate temperature.
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

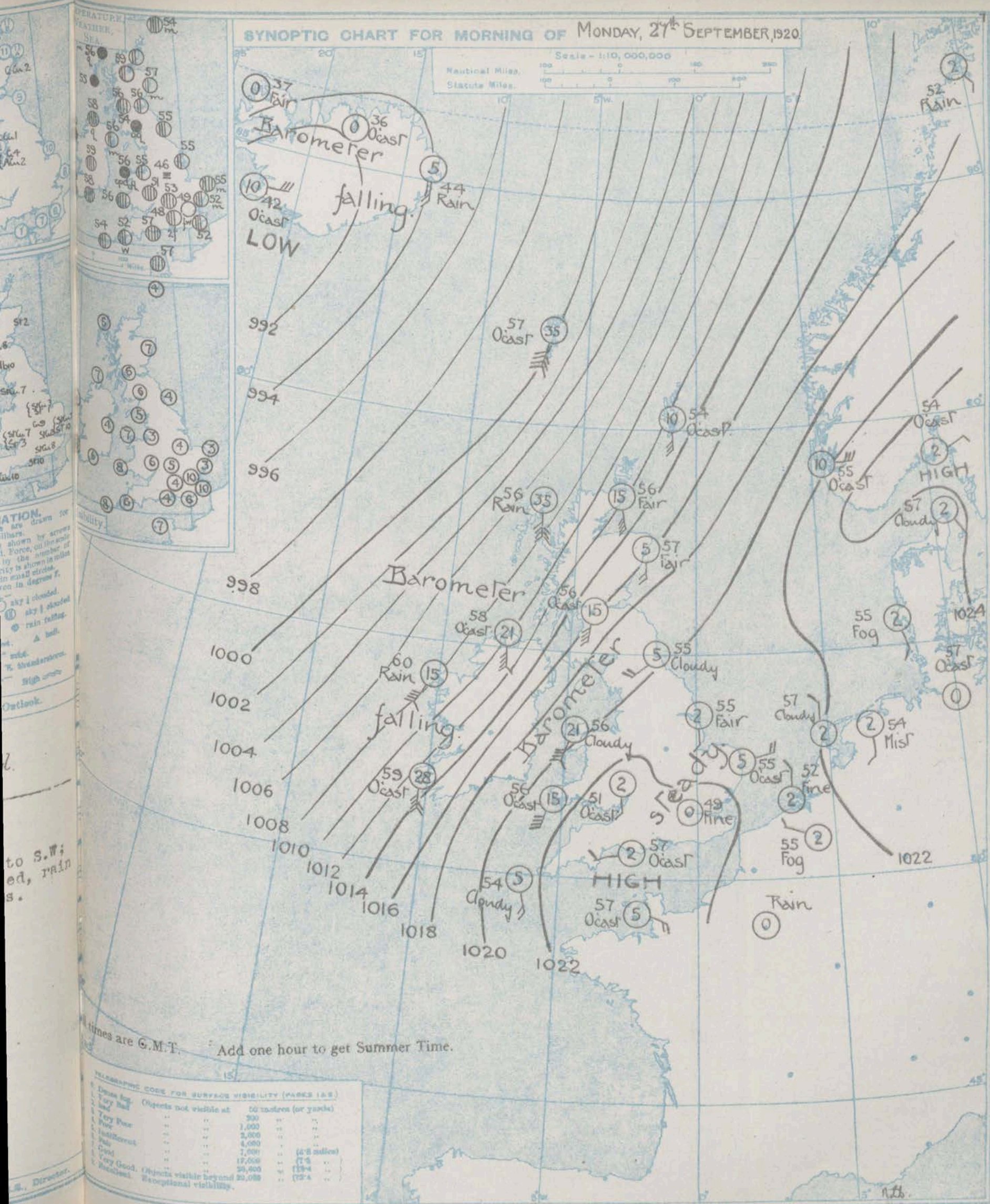
Further Outlook.

Doubtful.

Wind S. to S.W.; unsettled, rain at times.

SYNOPTIC CHART FOR MORNING OF MONDAY, 27th SEPTEMBER, 1920.

Nautical Miles
Statute Miles



times are G.M.T.

Add one hour to get Summer Time.

15			
ALPHABETIC CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)			
1	2	3	4
1. Very Bad	(Objects not visible at 50 meters (or yards))		
2. Bad		900	
3. Very Poor		1,000	
4. Poor		2,000	
5. Indifferent		4,000	
6. Fair		7,000	(2.8 miles)
7. Good		17,000	(7.5 " "
8. Very Good		20,000	(13.4 " "
9. Excellent		20,000	(13.4 " "

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 271

Monday
27th September

WEATHER, TEMPERATURE RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 26 th																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night, 17h-9h.	Day, 9h-17h.	to 17h.	Sunrise to Sun- set.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night, 17h-9h.	Day, 9h-17h.	to 17h.	Sunrise to Sun- set.
						25-26	26	26	25							25-26	26	26	25
Scotland.	Oban									England, N.W.	Douglas (I.O.M.)								
	Banff										Blackpool	o	co	66	46	02	-	2.1	0.2
	Montrose										Southport	c bcc	co	67	46	-	-	4.2	1.9
	St. Andrews																		
England, M.E.	Harrogate	b bcc	co	65	49	-	-	3.1	8.6	Midlands.	Buxton								
	Scarborough	b.	b	74	44	-	-	8.8	6.9		Leamington Spa	o	bc	64	45	-	-	2.0	5.0
	Skegness										Malvern								
	Lowestoft										Bath	o	oc bc	63	53	-	-	1.1	2.0
England, E.	Felixstowe	b2	bcm	69	54	-	-	8.6	0.0	Wales.	Rhyl	b c b	b b c	65	53	-	-	8.5	5.8
	Southend-on-Sea	m b c b	b b c	71	52	-	-	7.7	0.0		Colwyn Bay								
											Llandudno			67	52	-	-	7.1	5.0
											Aberystwyth								
England, S.E.	Tunbridge Wells	bc	b b c b	71	51	-	-	5.6	0.0	England, S.W.	Tenby								
	Margate	bc	b	69	55	0.2	-	6.3	0.0		Swansea								
	Ramsgate	*	*	67	54	-	-	6.8	0.0		Weymouth	om	cm	64	52	-	-	1.4	2.0
	Folkestone	c	bc	70	55	-	-	4.0	0.0		Teignmouth								
	Hastings	o b c	b c c	68	55	1	-	3.8	0.0		Torquay	b c z b c	b b c	69	52	-	-	4.8	8.1
	Eastbourne	oc bcc	bc	68	55	-	-	3.2	0.0		Paignton	c	b c	68	49	-	-	4.7	-
	Brighton	c	c b c	68	55	-	-	3.3	?		Penzance	oc	om co	62	56	-	-	0.4	0.8
	Worthing	c	c	65	54	-	-	0.6	0.0		Newquay	og	og	61	55	-	-	0.0	2.3
	Littlehampton										Bude	omo	o	62	54	-	-	0.3	2.4
	Portsmouth (S. coast)	om c	b	68	53	-	-	5.6	1.7		Ilfracombe	o	o c o	62	55	-	-	0.0	3.6
	Bournemouth	*	*	67	51	-	-	7.0	3.0		Weston-s-Mare	o b c	co	63	56	-	-	0.1	?
	Ventnor (I. of W.)	*	*	65	53	-	-	7.4	?										

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.			THE BEAUFORT SCALE WIND FORCE.		
STATIONS.		WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	RAINFALL.		Sun. Hours.	Used only for surface observations.			
		7h-13h 26	13h-18h 26	18h-24h 27	1h-7h 27				Day. 7h-13h	Night. 18h-7h		No.	Limits of Velocity at about 30 feet above ground.	Statute miles per hour.	Metros per second.
Renfrew ...	...	c o b c c	b c c b c c	b c c.	o i f. q.	66	55	50			7.6	b blue sky (not more than a quarter covered).		
Eskdalemuir ...	...	s f e r o r.	4 s f e p d.	p d o.	4 s f e p d.	59	52	52	1	1	0.1	b c sky partly cloudy (one half covered).		
Valencia (Cahire'n) ...	...	o	p d o	o	p o.	63	69	58	-	1	1.0	c generally cloudy (three quarters covered).		
Baldonnel ...	...	b c c v	c o q	u q.	c o d o d o	67	54	51	-	-	3.5	d drizzle, or fine rain.		
Didsbury ...	...	b b c i f	b c c z f	b b c z f	b c c w.	66	41	35	-	-	*	e wet air without rain falling.		
Ross on Wye...	...	3 f z f b c c	b c c z o z	b c c w.	c o b c c w.	65	47	42	-	trace	4.3	f fog. g gloom.			
Falmouth ...	...	i f e g	g z f e	o	c o w.	62	52	48	-	-	0.2	h hail. i lightning.		
Calshot (Hants)...	...	c o b b c	b c c i f	b c c i f	4 s f e o z f	66	51	*	-	-	5.9	m mist. o overcast sky.			
Lympne (Folkestone)	...	o z f z c o i f	b c c i f	b c c w.	b c c z f	67	48	44	-	-	6.6	p passing showers.			
Aberdeen ...	...	z f e i f	i f	i f i f e	i f c w.	66	53	47	-	-	8.8	q squalls. r rain.		
Howden ...	...	z f z f e	z f	u s z f e	u s z f e	68	50	48	-	trace	10.0	rs sleet, i.e., rain and snow together.		
Cranwell (Lincs) ...	...	z f b b c	b b c i f	b b c w.	b c c z f e	68	50	48	-	trace	10.0	s snow. t thunder.		
Felixstowe ...	...			o i f. o z f	o z f	71	53	*	*	*	*	u ugly, threatening sky.		
Shoeburyness ...	...	b b c b b c	b b c b b c	b c c w.	4 s f e b	71	48	38	-	trace	7.8	v unusual visibility.		
Benson ...	...	b c c	b b c	b c c o.	c o	65	45	40	-	*	*	w dew. x hoar frost.		
S. Farnborough ...	...	c o z f e	c o b c c	b c c b c c	b b c o z f	70	42	39	-	-	3.3	y dry air; humidity less than 60 per cent.		
London (Kew Obsy.)	...	o z f w	o z f b c c z f	b c w.	6 s f w.	64	46	41	-	trace	0.9	z dust haze; the turbid atmosphere of dry weather.			
Croydon ...	...	o z f c o b c c	b c c b b c z f	b b c b z f w.	w b c z f	65	48	*	0.1	trace	*	Capital letters indicate intensity, and repetition of letters continuity, thus:- R = heavy rain. rr = continuous moderate rain. i.e. = continuous light rain.		
												SYMBOLS—			
												Aurora ☄ Solar halo ☉			
												Rime ☃ Lunar halo ☾			
												Glazed frost ☁ Solar corona ☉			
												Glazed roads ☞ Lunar corona ☾			

LONDON. OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).			TABLE SHOWING THE GREENWICH SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.												
Morning.		Weather.		Night.		Max. Temp.		Min. Temp.		Min. on Grass.		Rain-fall.		Sun- shine to Sunset.		Humidity %									
		Afternoon.				° F.		° F.		° F.		mm.		Hours.		15 h. 9 h.									
																G. M. T. G. M. T.									
24 HOURS ENDED 9H G. M. T. 27.....										YESTERDAY.		TO-DAY.													
Greenwich (Royal Observatory)										6	b	3.0 am	69	18	40	-	7.5	66	84	Vertical Component of Solar Radiation per Square Centimetre during yesterday.					
City (Bunhill Row)										"	"	"	"	"	"	"	4.4	"	"	Stations. Sunrise. Noon. Sunset.					
Westminster (St. James's Park)										"	"	bcm	66	54	42	-	3.4	74	86	G. M. T. G. M. T. G. M. T.					
Camden Sq. (British Rainfall)										-	-	"	67	49	47	-	"	-	84	Yarmouth... { 548 11.44 5.40					
Kensington Palace										0.6c	bc	"	65	45	43	-	"	90 (18h)	96	Greenwich { 549 11.44 5.38					
Hampstead Observatory ...										"	"	"	64	50	*	trace	3.2	"	93	Wick { 545 11.51 5.43					
																				Valencia ... { 556 12.3 5.57					
																				Wick ... { 6.9 12.3 6.28					
																				Valencia ... { 6.11 12.33 6.28					
																				Wick ... { 6.36 12.33 6.28					
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																				Vertical Component of Solar Radiation per Square Centimetre during yesterday.					
																				Total 789 Joules.					
																				Milliwatts.					
																				Average Rate. 18.4					
										</															

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

Exposure from 26th 18 h. 45 m.
to 27th 04 h. 45 m.

Stars.	Duration of Exposure.	Duration of Record.	%
Polaris	h. m.	h. m.	%
Ursae	10. 0	7. 20	73
Minoris	10. 0	3. 48	38

NOTES ON THE WEATHER OF YESTERDAY.

In the East and South the day was mainly fair and the maximum temperature reached 70° at many stations. At Scarborough it was as high as 74°. Some rain fell in the West and North but except for 11 mm at Blacksod Point falls were slight. From 7 to 10 hours of sunshine were enjoyed at some stations in the East and South and 8.2 hours were recorded at Liverpool.



7H. 28.
TEMPERATURE.

	Min. F.
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No. B. 1,495 TUESDAY, 28th September 1920.

63

‡ The barometric change is expressed in half millibars.

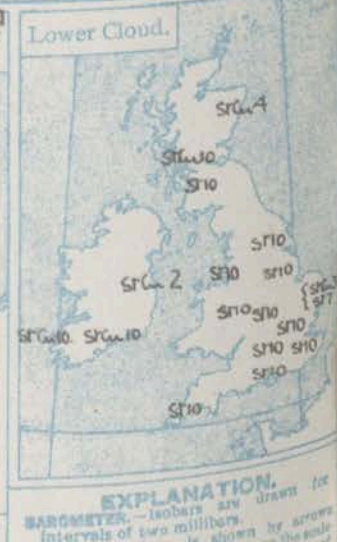
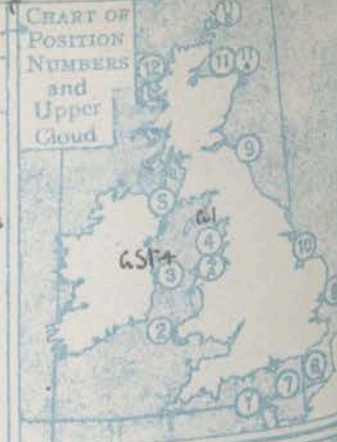
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SUMMARY OF CONDITIONS AT 7 h.G.M.T. 28.9.20.

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

Temperature reported from Coastal and Cross Channel Steamers

Position Number	Date	Time G.M.T.	Sez ° F	Air ° F
12.	27 th	03.25	53	58
5.	27 th	07.26	55	58
3.	27 th	09.26	57	58
1.	27 th	11.29	59.00	56.25
12.	28 th	02.53	53	53
44.	28 th	03.30	57	56



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

The anticyclone extending from the Baltic to Eastern England will probably maintain fair weather over the Eastern districts for at least another 24 hours, though much mist or fog may still be anticipated. Secondaries moving Northeastward will probably cause local rain in other districts.

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

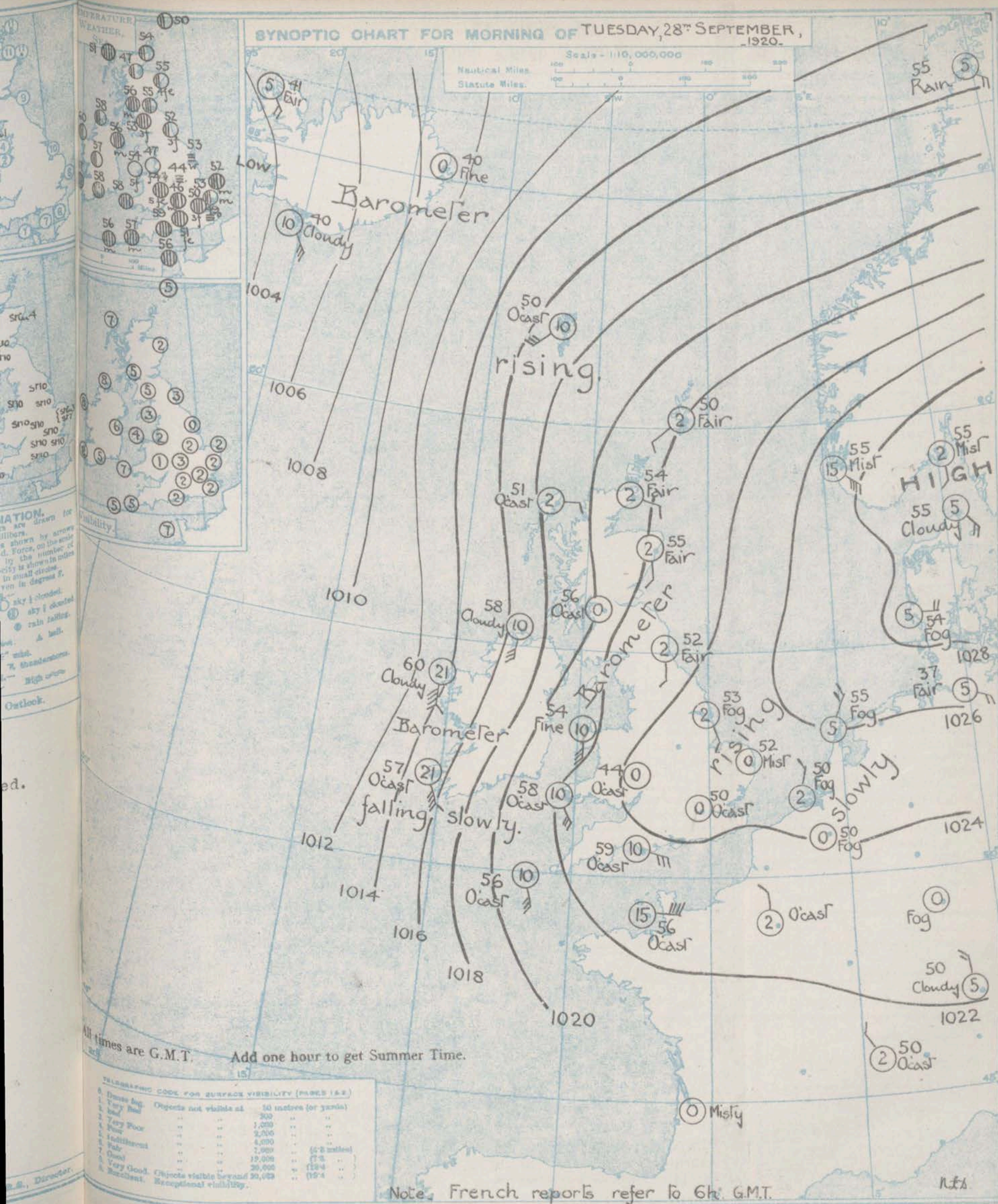
Districts.	Forecasts for the 24 hours commencing 15h G.M.T. Tuesday, 28th September 1920.
1. S.E. England	Winds light variable; fair or cloudy: visibility varying from bad to fair, much mist or fog; temperature moderate.
2. E. England	
3. E. Midlands	
4. W. Midlands	Wind Southerly, moderate or fresh; cloudy or overcast, probably some rain; visibility varying from indifferent to good; temperature moderate.
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	Wind Southerly, light or moderate; cloudy; visibility indifferent; some mist or fog; temperature moderate.
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Wind Southerly, moderate; dull, some rain; visibility indifferent to fair; some mist; temperature moderate.
12. S.W. Scotland	
13. Isle of Man	
14. N.&N.W. Scotland	Wind S.E. or S., light or moderate; cloudy to dull, some rain; visibility fair; temperature moderate.
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Wind Southerly, fresh, strong locally; dull, some rain; visibility fair; temperature moderate.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Further Outlook.

None issued.

SYNOPTIC CHART FOR MORNING OF TUESDAY, 28th SEPTEMBER, 1920.

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



PRECIPITATION.
is shown by arrows
as shown by arrows
d. Force, on the scale
by the number of
city is shown in miles
in small circles
run in degrees F.
sky & clouded.
sky & clouded.
rain falling.
& hail.
mist.
thunderstorm.
High waves.
Outlook.

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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 1 & 2)		
0	Distance less than 1/16 mile	Objects not visible at 50 metres (or yards)
1	Very Poor	300
2	Poor	1,000
3	Very Poor	2,000
4	Poor	4,000
5	Very Poor	7,000
6	Poor	12,000
7	Very Poor	20,000
8	Poor	30,000
9	Very Good	40,000
10	Excellent	50,000
Objects visible beyond 50,000 metres (or yards)		
Exceptional visibility		

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 272

Tuesday
28th September

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

STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.			SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.			SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-19h. 26-27	Day. 9h-17h. 27	to 17h. 27	Sunrise to Sun- set. 26	Forenoon.			Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-19h. 26-27	Day. 9h-17h. 27	to 17h. 27	Sunrise to Sun- set. 26		
Scotland.	Oban	op	o	60	55	-	9	0.0	-	England, N.W.	Douglas (I.O.M.)	x	x	60	55	-	-	1.8	-	2.1	
	Banff	c.bc	q.bc.c	66	51	-	-	3.3	-		Blackpool	bc.	c.	65	54	0.4	-	8.0	4.2		
	Montrose	c.bc.	c	64	52	-	-	3.5	-		Southport	b.bc.b	bc.b	66	53	-	-	8.2	-		
	St. Andrews	b.	c.	65	47	-	-	6.1	-		Morescambe	x	x	62	56	1	-	6.4	-		
England, N.E.	Harrogate	bc.bc.	bc	67	52	0.1	-	4.2	3.1	Midlands.	Buxton	bc.b	b.bc.b	66	51	-	-	7.8	-	-	
	Scarborough	b.	b	72	51	-	-	8.4	8.8		Leamington Spa... ..	o	b	69	45	-	-	6.0	2.0		
	Skegness	b.	c.	65	49	-	-	8.6	-		Malvern	c.bc.	bc.c	66	52	-	-	7.1	-		
	Lowestoft	o.	o.c	59	51	-	-	0.5	-		Bath	o.c.	c.bc.o	62	51	-	-	0.9	1.1		
England, E.	Felixstowe	of.	cm.	62	51	-	-	0.9	8.6	Wales.	Rhyl	bc.b	bc.c.bc	65	53	-	-	8.5	8.5	-	
	Southend-on-Sea...	mw.bc	bc.b	68	50	-	-	6.1	7.7		Colwyn Bay	bc.b	bc.c.bc	65	53	-	-	9.7	7.1		
	Tunbridge Wells	c.bc.	bc.c	66	46	-	-	1.4	5.8		Llandudno	b.bc	b.bc.	65	53	-	-	4.5	-		
	Margate	o	c.bc.b	62	54	-	-	3.3	6.3		Aberystwyth	t.o.c.	b.bc	62	54	0.3	-	1.8	-		
England, S.E.	Ramsgate	*	*	63	51	-	-	6.3	6.8	England, S.W.	Tenby	c.	c.bc.c	59	54	1	-	1.4	-	-	
	Folkestone	o.	bc.c	64	54	-	-	2.1	4.0		Swansea	x	x	61	55	-	-	-	1.6		
	Hastings	b.bc	c.o.bc.c	66	53	-	-	3.8	3.8		Weymouth	oe.o.	o.	62	56	-	-	0.0	-		
	Eastbourne... ..	bc.c.	bc	65	52	-	-	7.7	3.3		Teignmouth	o.	o.	60	51	-	-	0.0	5.1		
	Brighton	bc.	b.	64	51	-	-	6.0	3.3		Torquay	c.	o	60	54	-	-	0.0	-		
	Worthing	b.	b	64	49	-	-	9.8	0.6		Paignton	od.o.	o	61	52	-	-	0.0	0.4		
	Littlehampton ...	m.bc.	b	63	46	-	-	6.6	-		Penzance	o.c.	og.	59	53	0.3	-	0.0	0.0		
	Portsmouth (S. ths)	x.	x	68	54	-	-	1.3	5.9		Newquay	ogm.	ogm.	59	52	-	-	2.4	0.3		
	Bournemouth ...	*	*	59	54	-	-	0.0	7.0		Bude	o.bc.o	o	64	53	0.2	-	2.7	0.0		
	Ventnor (I. of W.)	*	*	65	53	-	-	0.0	7.4		Ilfracombe	o.c.bc	bc.c.o	64	54	-	-	0.1	0.1		
											Weston-s-Mare ...	o.c.bc	c.	60	55	-	-	-	-		

STATIONS.

SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	7h-15h.	15h-18h.	Max. °F.	Min. °F.	Night. 7h-15h.	Day. 15h-17h.	Sun. Hours.	Sun. Hours.
Renfrew ...	o.15q	d.d.r.	63	56	55	mm.	mm.	1.2
Eskdalemuir ...	o.15q	d.d.r.	63	56	55	mm.	mm.	1.2
Valencia (Cahire'n)	o.15q	d.d.r.	63	56	55	mm.	mm.	1.2
Baldonnel ...	bc.cq	c.oq	67	52	46	-	-	5.5
Manchester (Alex PK)	bc.c2	c.o2	67	42	30	-	-	*
Ross on Wye...	bc.c2	c.o2	66	42	39	0.1	6.4	6.4
Falmouth ...	o.15	o.15	59	52	48	-	-	0.0
Calshot (Hants)	o.15	bc.c2	62	52	*	-	-	2.0
Lympne (Folkestone)	o.15	bc.c2	64	50	41	0.1	trace	4.0
Aberdeen ...	15.15	15.15	60	54	46	-	-	2.0
Howden ...	15.15	15.15	67	41	41	-	-	6.3
Cranwell (Lincs)	b.bc.15	b.bc.15	67	43	39	-	-	9.0
Felixstowe ...	o.15	o.15	64	47	*	*	*	*
Shoeburyness ...	15.15	15.15	66	48	41	trace	0.1	5.3
Benson ...	b.	b.	69	42	38	-	-	*
S. Farnborough	bc.c.15	b.bc.15	70	47	40	-	trace	8.2
London (Kew Obs.)	15.15	15.15	67	47	43	trace	trace	4.7
Croydon ...	o.15	o.15	66	47	*	-	trace	*

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog.
g gloom.
h hail.
i lightning.
m mist.
n overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, i.e., rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

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

THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity at about 30 feet above ground.	
	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	1.5-2.5
3	8-12	2.5-4.0
4	13-18	4.0-5.0
5	19-24	5.0-6.0
6	25-31	6.0-7.0
7	32-38	7.0-8.0
8	39-46	8.0-9.0
9	47-54	9.0-10.0
10	55-63	10.0-11.0
11	64-75	11.0-13.0
12	Above 75	13.0 or above

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

LONDON OBSERVATIONS.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		HUMIDITY %	
	Morning.	Afternoon.	Night.	Max. °F.	Min. °F.	Min. on Grass. °F.	Sun- shine to Sunset. Hours.	Sun- shine to Sunset. Hours.	15 h. G.M.T.	9 h. G.M.T.
Greenwich (Royal Observatory)	o	b	b. 03	67	48	39	-	-	69	92
City (Bunhill Row)	*	*	*	*	*	*	3.8	*	*	*
Westminster (St. James's Park)	*	*	om	69	50	42	-	-	65	96
Camden Sq. (British Rainfall)	c.bc	b.bc	*	70	49	47	-	-	65	98
Kensington Palace	bc	bc	*	69	47	43	-	-	93 (18h)	100
Hampstead Observatory	*	*	*	67	50	*	trace	6.1	*	98

SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Total.	Joules.	Average Rate.	Maximum Rate.
	104.7		2.45	62

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

Stations.	28 th + 29 th September, 1920.		
	Sunrise.	Noon.	Sunset.
Greenwich	5.49	11.44	5.38
Wick	5.51	11.43	5.35
Valencia	5.56	11.51	5.42
	6.11	12.3	5.54
	6.14	12.2	5.50
	6.37	12.32	6.26
	6.39	12.31	6.23

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

Stars.	Duration of Exposure.		Duration of Record.	
	h.	m.	h.	m.
Polaris	10	0	8	15
δ Ursae Minoris	10	0	1	19

NOTES ON THE WEATHER OF YESTERDAY.

Weather continued fair over Eastern Scotland and the greater part of England. The maximum temperature reached 72° at Scarborough and was between 65° and 70° at many other stations. Rainfall was chiefly confined to Ireland and the Hebrides, the heaviest fall being 14 mm at Blacksod Point. Sunshine records were very variable, Worthing (9.8 hours) and Llandudno (9.7 hours) being the highest reported.

* Information for these columns not usually received.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.21,496 Wednesday, 29th September 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 12H.																																			
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	HUMIDITY %	VISIBILITY 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	HUMIDITY %	VISIBILITY 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea							
			Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dir.	Force 0-12.						Form.	Amt. 0-10.										
			12H. G.M.T. of 28 th														12H. G.M.T. of 28 th																		
Renfrew ...	1022.1	-0	SSE	2	c	66	65	5	3,000	Stru	6	Cu	2	4	1020.9	0	SSE	1	b	57	85	5	3,000	Stru	2	-	-	-	-						
Eskdalemuir ...	1022.4	-1	SSE	3	b	64	65	6	-	-	-	Cu	2	4	1022.4	0	-	0	bcm	55	85	5	2,000	Stru	8	-	-	-	-						
Valencia (Cahire'n)	1012.9	-2	SSE	6	c	61	75	7	2,000	Stru	8	-	-	4	1010.6	-2	SSE	6	cz	60	75	7	2,000	Stru	8	-	-	-	-						
Baldonnel ...	1019.6	-1	SSE	4	b	61	85	6	1,250	Cu	4	cu	2	4	1018.4	0	S	4	cz	58	85	4	750	Stru	7	ast	3	-	-						
Manchester (Old PK)	1023.4	-1	S	3	b	66	65	6	-	-	-	-	-	4	1022.4	0	SE	2	b	59	85	3	-	-	-	-	-	-	-						
Ross on Wye ...	1023.6	-1	SW	2	oz	59	85	6	3,000	Stru	9	-	-	4	1022.2	-2	SW	1	b	56	92	4	2,000	St	1	-	-	-	-						
Falmouth ...	1021.8	0	SSE	2	oz	58	92	5	750	St	10	-	-	4	1019.4	-3	SSE	4	oz	57	92	3	-	St	10	-	-	-	-						
Calshot (Hants) ...	1022.9	-1	ESE	2	oz	57	85	4	1,250	St	10	-	-	2	1022.0	-1	ESE	2	oz	59	92	5	2,000	St	10	-	-	-	-						
Lymington (Folkestone)	1024.1	0	ESE	3	b	63	85	4	1,250	Cu	3	-	-	4	1022.5	-3	NE	2	bwm	56	97	4	-	-	-	-	-	-	-						
Aberdeen ...	1023.6	+1	SSE	3	b	62	75	6	1,250	St	1	-	-	3	1023.4	0	SSE	2	oz	53	97	2	-	St	10	-	-	-	-						
Howden ...	1024.1	-1	SE	1	b	65	75	4	-	-	-	-	-	4	1024.3	+2	W	3	b	54	97	5	2,000	St	2	ast	2	-	-						
Cranwell (Lincs) ...	1024.7	0	ESE	2	oz	58	92	4	750	St	9	-	-	4	1023.9	-1	E	1	b	57	97	5	1,250	St	2	-	-	-	-						
Felixstowe ...	1025.1	-0	NE	2	oz	63	85	5	3,000	Stru	9	-	-	4	1024.1	-1	NE	3	oz	58	92	4	750	St	10	-	-	-	-						
Shoeburyness ...	1024.6	+1	NE	2	cz	63	85	5	3,000	Cu	4	ast	3	4	1023.3	0	NE	1	oz	59	88	4	750	St	6	ast	4	-	-						
Benson ...	1022.9	-1	S	1	b	64	75	3	-	Cu	2	-	-	4	1022.0	-1	-	0	b	58	92	3	-	-	-	-	-	-	-						
S. Farnborough ...	1024.0	-1	E	1	cz	65	75	5	2,000	Cu	7	-	-	4	1022.4	-1	-	0	b	59	85	4	2,000	St	3	-	-	-	-						
London (Kew Obs.)	1024.0	-1	E	3	b	64	75	4	3,000	Cu	6	-	-	4	1022.9	-2	E	2	b	60	85	4	2,000	St	6	-	-	-	-						
Croydon ...	1024.2	0	-	0	cz	65	75	5	2,000	Cu	8	-	-	4	1023.1	-1	E	3	oz	57	92	4	2,000	St	10	-	-	-	-						
1H. G.M.T. of 29 th												7H. G.M.T. of 29 th																							
Renfrew ...	1022.9	0	-	0	b	61	92	3	-	Stru	5	-	-	4	1021.4	0	NE	2	oz	51	97	2	1,250	St	10	-	-	-	-	-					
Eskdalemuir ...	1022.7	0	-	0	b	61	92	3	-	Stru	5	-	-	4	1022.7	0	SE	1	b	51	92	4	-	Cu	2	-	-	-	-	-					
Valencia (Cahire'n)	1007.3	-4	SSE	7	b	58	85	3	-	Stru	8	-	-	6	1008.4	-2	SE	6	oz	61	85	7	2,000	Stru	9	ast	1	3	-	-					
Baldonnel ...	1017.0	-1	E	7	oz	56	85	3	750	Stru	8	-	-	4	1018.5	-1	SE	4	oz	57	92	4	750	Stru	9	-	-	-	-	-					
Manchester (Old PK)	1022.2	0	ESE	3	oz	55	85	4	1,250	St	10	-	-	4	1022.2	0	ESE	3	oz	55	85	4	1,250	St	10	-	-	-	-	-					
Ross on Wye ...	1020.6	-1	ESE	3	cm	55	92	5	2,000	St	8	-	-	4	1020.6	-1	ESE	3	cm	55	92	5	2,000	St	8	-	-	-	-	-					
Falmouth ...	1017.8	-2	SE	3	oz	57	97	3	-	-	9	-	-	4	1015.6	-2	SE	4	bm	57	97	4	-	-	-	-	-	-	-	-					
Calshot (Hants) ...	1021.6	-2	E	3	oz	56	92	4	750	St	10	-	-	4	1020.2	-2	NE	1	0	57	97	4	750	St	10	-	-	-	-	-					
Lymington (Folkestone)	1022.1	-3	SSE	8	oz	56	97	4	2,000	St	10	-	-	4	1021.0	-1	NE	3	cm	56	97	3	1,500	St	7	-	-	-	-	-					
Aberdeen ...	1024.0	0	ESE	3	oz	45	97	1	1,500	St	10	-	-	4	1024.4	0	SSE	3	oz	55	97	4	750	St	10	-	-	-	-	-					
Howden ...	1024.0	0	SE	2	oz	53	97	1	1,250	St	10	-	-	4	1023.3	-1	NE	1	oz	54	97	2	1,500	St	10	-	-	-	-	-					
Cranwell (Lincs) ...	1023.7	-1	NE	3	oz	59	85	6	1,250	St	10	-	-	4	1022.5	0	NNE	2	oz	58	97	4	3,000	St	9	-	-	-	-	-					
Felixstowe ...	1023.7	-1	NE	3	oz	59	85	6	1,250	St	10	-	-	4	1021.2	0	NE	1	oz	59	92	4	1,250	St	10	-	-	-	-	-					
Shoeburyness ...	1023.7	-1	NE	3	oz	59	85	6	1,250	St	10	-	-	4	1020.2	-1	NNE	2	oz	58	97	4	750	St	10	-	-	-	-	-					
Benson ...	1022.3	-1	-	-	-	57	-	-	-	-	-	-	-	4	1021.1	-1	-	0	omw	57	97	2	750	St	10	-	-	-	-	-					
S. Farnborough ...	1022.3	-1	-	-	-	57	-	-	-	-	-	-	-	4	1021.1	-1	-	0	omw	57	97	2	750	St	10	-	-	-	-	-					
London (M.O. at In.)	1022.3	-1	-	-	-	57	-	-	-	-	-	-	-	4	1021.1	-1	-	0	omw	57	97	2	750	St	10	-	-	-	-	-					
Croydon ...	1022.3	-1	E	1	oz	56	97	5	2,000	Stru	10	-	-	4	1021.7	-1	E	2	oz	58	97	3	1,500	St	10	-	-	-	-	-					
STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.																																			
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		WEATHER.	BAROMETER at M.S.L. mb.	TEMP. °F.	CHANGE in 3 hours.	WIND.	WEATHER.	SEA	RAINFALL mm.	TEMP.		WEATHER.			Sunshine Hours.																	
			Dir.	Force 0-12.					Dir.	Force 0-12.			Max. °F.	Min. °F.	Morning.	Afternoon.	Night.																		
			12H. G.M.T. of 28 th												7H. G.M.T. of 29 th												24 HOURS ENDED 7H. 29 th								
Lerwick ...	1024.3	55	ESE	3	bcm	1025.6	0	54	SE	5	SE	cm	4	56	48	bcm	bcm	cm	3.0																
Stornoway ...	1017.5	56	S	1	b2	1017.1	0	54	SE	2	-	b3	1	61	49	om	om. bc	b3	1.7																
Castlebay (Barra Is)	1016.6	57	ESE	6	cm	1016.1	0	56	SE	5	-	om	6	58	55	om	om. cm	cm. cm	1.7																
Malin Head ...	1013.9	57	S	3	bcm	1012.9	-1	56	S	4	SE	bcm	2	61	53	bc	bc	bcm	2.2																
Blacksod Point ...	1009.6	60	SE	4	bc	1008.9	0	58	SE	7	-	bc	7	62	54	bq.	bq.	bc	2.2																
Roche's Point ...	1016.2	57	SE	4	0	1012.0	-3	58	SE	5	-	0	6	59	57	om	om. bc	om. bc	2.2																
Birr Castle ...	1016.6	59	SE	3	0	1012.4	-	58	SE	3	-	0	-	63	56	c	c	0	5.2																
Dunaghadoo ...	1019.3	57	S	4	cmq	1017.7	-2	56	SSE	4	-	om	3	59	56	om	cmq	om	5.2																
Liverpool (Bidston)	1021.3	59	SSE	2	b	1021.1	-1	53	SE	3	-	om	2	63	47	bm	bm	b. cm	7.7																
Holyhead ...	1020.3	5	SSE	3	bm	1018.0	-1	55	SE	4	-	bm	2	61	51	bm. cm	cm. bm	bm	1.7																
Pembroke (St. Ann's Head)	1019.9	57	ESE	4	bm	1018.0	-1	57	ESE	4	-	cm	4	61	56	om.	om. cm	cm. bcm	0.0																
Scilly (St. Mary's)	1018.2	55	SE	4	y	1013.6	-3	56	SE	3	-	b	5	57	54	om.	omg.	om. b	0.0																
Jersey (St. Aubin)	1020.1	62	ENE	3	b	1017.6	-1	58	E	2	-	b	2	67	55	o. bc.	c. b	bos	5.0																
Portland Bill ...	1022.2	58	ESE	3	0	1019.1	-3	59	ESE	4	E	0	4	61	55	0	0	m. o	5.0																
Dungeness ...	1021.8	59	ENE	4	b	1020.3	-2	58	ENE	3	-	0	3	63	49	cm.	cm. b	bc. o	5.0																
Wick ...	1020.6	56	SSE	3	cm	1022.0	+2	54	SSE	4	-	bcmq	4	58	52	bc. cm	cm	cof. cm	5.0																
Nairn ...	1020.0	59	-	0	bc	1020.7	-	51	E	1	-	bcm	1	68	46	eq.	bc	bcm	3.1																
Leith ...	1020.8	61	E	1	bc	1022.1	0	54	SE	1	-	om	1	64																					

SUMMARY OF CONDITIONS AT 7 h.G.M.T. 29.9.20.

Districts.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Dull, misty, local fog.	V. poor	smooth
2. E. England	Dull, misty, fair intervals	Poor	V. smooth
3. E. Midlands	Dull, misty.	Bad	-
4. W. Midlands	Dull, misty.	Poor	-
5. S.W. England	Fine, misty.	Good	R. rough
6. South Wales	Dull, misty.	Fair	Mod
7. North Wales	Fine, misty.	Indiff.	smooth
8. N.W. England	Dull, foggy.	Bad	"
9. N. Midlands	Dull, misty.	Indiff.	-
10. N.E. England	Dull, misty.	Poor	slight
11. E. Scotland	Fair, misty, local squalls	Poor	Mod.
12. S.W. Scotland	Fine, misty.	"	slight
13. Isle of Man	Dull, misty.	"	"
14. N. & N.W. Scotland	Fair, misty.	"	smooth
15. Hebrides	Fine to dull, misty.	Fair	Mod.
16. Orkneys and Shetlands	Dull, misty.	Poor	"
17. N.W. Ireland	Fair.	Good	High
18. N.E. Ireland	Dull, misty.	Fair	slight
19. S.E. Ireland	Dull.	"	rough
20. S.W. Ireland	Dull.	V. poor	slight

Temperature reported from Coastal and Cross Channel Steamers

Position Number	Date	Time G.M.T.	Sea °F	Air °F
2.	28 th	01.15	57	56
7.	28 th	05.35	60	59
5.	"	08.00	55	57
3.	"	09.25	56.5	57.5
1.	"	11.26	60	59
6.	"	12.28	60	59
2.	29 th	01.10	57	58
4A.	"	02.30	58	57
12.	"	02.54	54	56
5.	"	07.18	55	57

CHART OF POSITION NUMBERS and Upper Cloud



Isallobars.



Barometric change in half millibars. per 3 hours.

Lower Cloud.



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

A depression which is spreading from Westward will cause winds to be mainly Southeasterly over the British Isles. Unsettled conditions are probable generally during the next two or three days.

EXPLANATION.
BAROMETER.—Isobars are drawn for intervals of two millibars.
WIND.—Direction is shown by arrows flying with the wind. Force, on the scale of 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.
TEMPERATURE.—Temperature is given in degrees F.
WEATHER SYMBOLS.—
○ clear sky. ○ sky & cloud.
○ sky & cloud. ○ sky & cloud.
○ overcast sky. ○ rain falling.
* snow. * mist. * A. light.
T. thunder. T. thunder.
SEA DISTURBANCE.—
Bough. High.

Further Outlook.

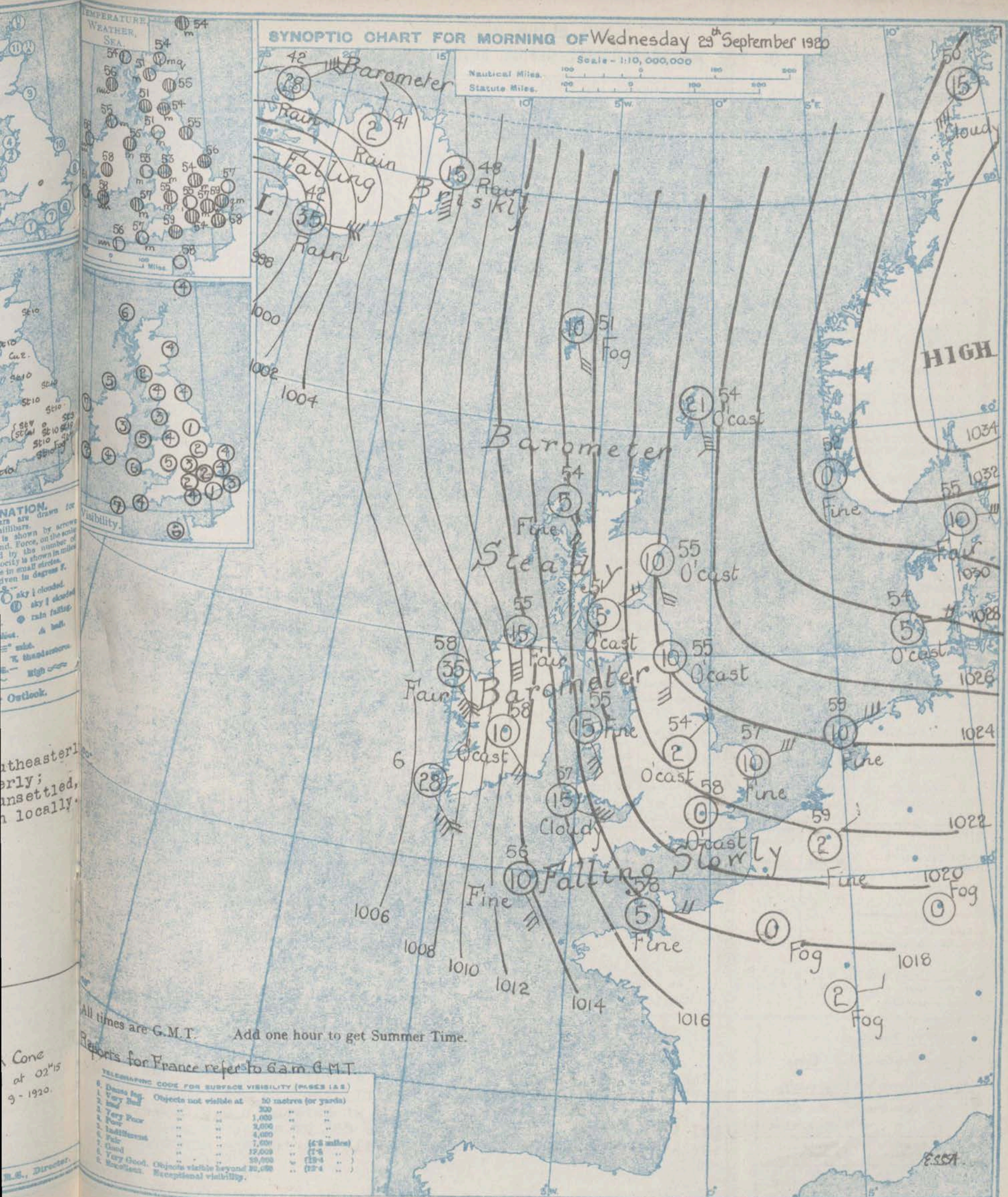
Districts.	Forecasts for the 24 hours commencing 15h.G.M.T. Wednesday, 29th September 1920.
1. S.E. England	Wind E. to S.E., moderate; fair early, less settled later; visibility indifferent to fair; temperature moderate.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Wind S.E., moderate or fresh; cloudy to dull, some rain or showers; visibility indifferent to fair; temperature moderate.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	As for 1 - 4.
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	As for 5 - 9.
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Wind S.E. or S., fresh or strong, reaching gale force locally; cloudy or dull, some rain; temperature moderate.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Winds Southeasterly or Southerly; weather unsettled, with rain locally.

South Cone hoisted at 02¹⁵ 29-9-1920.

SYNOPTIC CHART FOR MORNING OF Wednesday 29th September 1920

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



NATION.
are drawn for
is shown by arrows
nd. Force, on the scale
by the number of
city is shown in miles
e in small circles
ven in degrees F.
sky is cloudy.
sky is cloudy
rain falling.
A. h. l.
mist.
thunderstorm.
High
Outlook.

theasterly
erly;
unsettled,
n locally.

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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 1 & 2)

Code	Objects not visible at	50 metres (or yards)
1. Dense fog	300	" "
2. Very fog	1,000	" "
3. Fog	2,000	" "
4. Indifferent	4,000	" "
5. Fair	7,000	" (12 miles)
6. Good	12,000	" (19.4 ")
7. Very Good	20,000	" (32.4 ")
8. Excellent	Exceptional visibility.	" "

Cone
at 02¹⁵
9 - 1920.

R.S. Director.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 273

Wednesday
29th SeptemberWEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 28th

STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-24h. 27-28 th	Day. 9h-17h. 28 th	to 17h. 28 th	Sunrise to Sun- set. 27 th			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-24h. 27-28 th	Day. 9h-17h. 28 th	to 17h. 28 th	Sunrise to Sun- set. 27 th
Scotland.	Oban									England, N.W.	Douglas (I.O.M.)	x	x	61	53	-	-	7.1	1.8
	Banff	c. bc.	bc	68	46	-	-	6.3	3.3		Blackpool	bm.	bm	66	46	-	-	8.2	8.0
	Montrose	c. bc.	of.	61	53	-	-	5.0	3.5		Southport	w. b.	bz	66	46	-	-	8.6	8.5
	St. Andrews	bm.	bm	67	51	-	-	7.3	6.1		Morecambe	x.	x	67	45	-	-	7.7	6.6
England, N.E.	Harrogate	b	b	65	44	-	-	9.9	4.3	Midlands.	Buxton	bcn. c. b.	b. bc. b	64	39	-	-	5.8	7.8
	Scarborough	b	bm	66	49	-	-	6.4	8.4		Leamington Spa	o.	c. b.	68	40	-	-	4.2	6.0
	Skegness	bc	o	60	51	0.1	-	1.3	8.6		Malvern	mc.	bc. b	61	42	-	-	1.4	7.3
England, E.	Lowestoft	c. o. c.	c. bc. c. o	61	51	-	-	2.2	0.5		Bath	m. o.	m. bc.	58	43	-	-	0.0	0.9
	Felixstowe	bm	om	63	50	-	-	6.4	0.9		Rhyl	b.	b. bc. b	66	45	-	-	9.4	9.0
	Southend-on-Sea	mw. bc	bc. c. o	66	52	-	-	6.0	6.1	Wales.	Colwyn Bay								
											Llandudno	b.	b	67	49	-	-	9.3	9.7
											Aberystwyth	c. b	bc. c	64	50	-	-	5.0	1.8
											Tenby	o. c.	c. bc. b	60	54	-	-	2.9	1.4
											Swansea	x.	x	62	57	-	-	2.9	1.4
England, S.E.	Tunbridge Wells	b. bcz	bc. b	66	47	-	-	4.4	1.4		Weymouth	o.	o. c.	60	54	-	-	0.0	0.0
	Margate	o. bc. c	o.	62	55	-	-	2.1	3.3		Teignmouth	o.	o	59	58	-	-	0.0	0.0
	Ramsgate	*	*	61	53	-	-	2.3	6.3		Torquay	oz	oz	59	57	-	-	0.0	0.0
	Folkestone	f. b. bc	bc. b	64	55	-	-	7.6	2.1		Paignton	og.	og. m	59	56	-	-	0.0	0.0
	Hastings	o. c. bc.	b	64	53	-	-	6.4	3.8		Penzance	o. c.	o.	59	55	-	-	0.0	0.5
	Eastbourne	bc	bc.	63	52	-	-	7.4	7.7		Newquay	c.	c	60	54	-	-	2.3	2.4
	Brighton	o. b	b	64	52	-	-	6.4	6.0		Bude	c.	bc	64	56	-	-	5.0	2.7
	Worthing	m. b	b	65	49	-	-	6.4	9.9		Ilfracombe	o. c. bc	bc	63	55	-	-	5.4	0.1
	Littlehampton	m. bc.	b	63	46	-	-	6.0	6.6		Weston-s-Mare	o. c. bc	bc. cm	61	48	-	-	0.2	0.1
	Portsmouth (S th sea)	x	x	64	52	-	-	3.4	1.3										
	Bournemouth	*	*	60	49	-	-	0.2	0.0										
	Ventnor (I. of W.)	*	*	62	51	-	-	3.3	0.0										

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.	THE BEAUFORT SCALE OF WIND FORCE.		
	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	RAINFALL.		Sun. Hours		Used only for surface observations.		
	7h-12h	12h-18h	18h-7h	1h-7h				Day. 7h-12h	Night. 12h-7h			No.	Limits of Velocity at about 30 feet above ground.	Statute miles per hour.	Metres per second.
Renfrew ...	02f.c.0	b.bc2f	0.4.5f	03f.0.4.5f	67	49	38	mm.	mm.	5.8	b blue sky (not more than a quarter covered).	<div>0 Less than 1</div> <div>1 1-8</div> <div>2 4-7</div> <div>3 8-12</div> <div>4 13-18</div> <div>5 19-24</div> <div>6 25-31</div> <div>7 32-38</div> <div>8 39-46</div> <div>9 47-54</div> <div>10 55-63</div> <div>11 64-75</div> <div>12 Above 75</div>	<div>Less than 0.3</div> <div>0.3-1.5</div> <div>1.6-2.3</div> <div>2.4-3.4</div> <div>3.5-4.9</div> <div>5.0-10.7</div> <div>10.8-13.9</div> <div>13.9-17.1</div> <div>17.2-20.7</div> <div>20.8-24.4</div> <div>24.5-28.1</div> <div>28.6-32.5</div> <div>32.6-38.5</div> <div>33.6 or above</div>	
Eskdalemuir ...	02f.b.bc	b.bc1f	b.bc2f	b.bc3f.b.c2f	60	43	39	-	-	7.8	bc sky partly cloudy (one half covered).			
Valencia (Cahire'ny) ...	c.0.c.0	c.02	b.c.03	c.03	61	57	55	-	-	2.9	c generally cloudy (three quarters covered).			
Baldonnel ...	b.c.c.1f	259f	2f.	02f	62	52	53	-	-	2.5	d drizzle, or fine rain.			
Manchester (Alex PK)	b.2f	b.2	b.3f	b.b.c.2f.c.2f	68	44	38	-	-	*	e wet air without rain falling.			
Ross on Wye...	0.5f.0.2f	0.2f.0.2f	0.2f.0.2f	0.2f.0	60	44	43	-	-	0.8	f fog.			
Falmouth ...	0.1f.	0.2f.0.3f	0.2f.0.3f	0.2f.0.3f	59	56	52	-	0.1	90	g gloom.			
Calshot (Hants)...	0.2f	0.2f.	0.2f.0.2f	0.2f	62	52	*	-	-	3.1	h hail.			
Lymington (Folkestone)	3f.b.c.c.2f	b.b.c.2f	b.b.c.2f	b.b.c.2f	61	50	44	0.1	0.1	89	i lightning.			
Aberdeen ...	3f.2f.1f	0.2f.0.2f	0.2f.0.2f	0.2f.0.2f	63	53	50	-	-	5.9	m mist.			
Howden ...	4.5f.2f	b.bc2	a.0f.3f	3f.0.2f	59	44	42	-	0.3	2.0	n passing showers.			
Cranwell (Lincs) ...	6.3f.3f.c.0f	0.2f.0.2f	0.2f.0.2f	0.2f.0.2f	64	57	*	*	*	*	o overcast sky.			
Felixstowe ...	0.2f.0.0	2f.0.0	0.2f.0.1f	0.2f.0.1f	64	54	52	0.0	0.0	6.7	p squalls.			
Shoeburyness ...	0.2f.0.2f	2f.0.2f	0.2f.0.2f	0.2f.0.2f	64	54	52	0.0	0.0	*	q rain.			
Benson ...	b.	b.bc2f	b.c.0	c.0f	65	45	47	-	-	*	rs sleet, i.e., rain and snow together.			
S. Farnborough	4.5f.c.0	b.c.2f	2f.0.2f	b.c.2f	67	36	45	-	-	4.6	s snow.			
London (Kew Obsy.)	b.c.2f	2f.2f.	c.0.2f	c.0.2f	65	49	47	-	-	5.0	t thunder.			
Croydon ...	4.5f.3f	b.c.2f	0.2f.0.2f	0.2f.0.2f	65	51	*	-	-	x	u ugly, threatening sky.			
											v unusual visibility.			
											w dew.			
											x hoar frost.			
											y dry air; humidity less than 60 per cent.			
											z dust haze; the turbid atmosphere of dry weather.			
											Capital letters indicate intensity, and repetition of letters continuity, thus:- R = heavy rain. rr = continuous moderate rain. r,r = continuous light rain.			

LONDON. OBSERVATIONS.	WEATHER.						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.	Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.			15 h. G.M.T.	9 h. G.M.T.		29 th & 30 th September 1920.							
	24 HOURS ENDED 9H G.M.T. 29 th								YESTERDAY.	TO-DAY.		Stations. Sunrise. Noon. G.M.T.							
Greenwich (Royal Observatory)	0	03	0	66	56	50	-	3.8	75	83	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Yarmouth...	{	G.M.T.	G.M.T.	5.35			
City (Bunhill Row) ...	*	*	*	*	*	*	-	1.2	*	*							11.43	5.33	
Westminster (St James's Park)	*	*	bcn	60	55	51	-	2.5	66	81							5.51	11.43	5.33
Camden Sq. (British Rainfall)	f.c	bc.b.bc	*	65	54	53	-	*	72	82	Total 637 Joules. Milliwatts. Average Rate 15.0 Maximum Rate 35	Greenwich	{	G.M.T.	G.M.T.	5.40			
Kensington Palace ...	bc	bc.c	*	66	52	52	-	*	58 (18h)	91							5.58	11.50	5.40
Hampstead Observatory ...	*	*	*	63	52	*	-	3.4	*	90							6.0	12.2	5.50
												Wick	{	G.M.T.	G.M.T.	5.47			
												Valencia	{	G.M.T.	G.M.T.	6.21			

Photographic Record of

Pole Star (Polaris) and of 8 Ursae

Minoris at Greenwich Observatory.

Exposure from 29th 18^h 45^m.
to 29th 4^h 45^m.

Stars.	Duration of Exposure.	Duration of Record.	%
Polaris	10 . 0	0 . 33	6
8 Ursae	10 . 0	0 . 8	1
Minoris	10 . 0	0 . 8	1

NOTES ON THE WEATHER OF YESTERDAY.

Rainfall was slight in amount and mainly confined to the Hebrides. Sunshine records were fairly good in most localities, the longest durations being enjoyed at Harrogate 9.9 hours and Rhyl 9.4 hours. Temperature rose to 65° or above in most localities. Much mist or fog prevailed during the morning in nearly all parts of the Kingdom.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B21497 Thursday, 30th SEPTEMBER, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 15H AND 18H.																													
STATIONS.	BAROM. at M.S.L.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM. at M.S.L.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	
			Dirac.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dirac.	Force 0-12.						Form.	Amt. 0-10.				
			13H. G.M.T. 29 th																										
Renfrew ...	1019.5	-2	ESE	3	b2f	63	75	5	1,250	St	5	-	-	-	1017.6	-1	ESE	3	o	60	75	5	3,000	St	10	-	-	-	
Eskdalemuir ...	1020.6	-2	SE	4	o1f	57	85	6	2,000	St	10	-	-	-	1018.6	-2	E	4	c2f	55	85	5	-	St	8	-	-	-	
Valencia (Cahire'n)	1004.1	-4	SE	6	c2	65	65	7	2,000	St	7	-	-	-	1001.3	-1	SE	6	c	62	85	7	1,250	St	8	-	-	5	
Baldonnel ...	1014.2	-1	SE	5	b2f	63	75	6	4,200	Cu	5	-	-	-	1012.2	-2	SE	4	c2	59	75	3	3,000	St	4	c2f	3	-	
Manchester (Alex Pk)	1019.9	-3	ESE	5	o1f	60	85	4	2,000	St	6	ast	4	-	1017.4	-3	E	3	b	58	85	4	-	-	-	-	-	-	
Ross on Wye ...	1018.0	-3	SE	4	b2f	64	75	6	4,200	Cu	6	-	-	-	1015.7	-3	E	2	brr	58	85	5	2,000	St	1	-	-	-	
Falmouth ...	1014.0	-1	ESE	3	b1f	63	85	6	-	-	-	-	-	-	1011.8	-4	ESE	6	b2f	59	92	2	-	St	2	Cu	1	-	
Calshot (Hants) ...	1018.3	-3	ESE	5	o2f	59	92	5	1,250	St	10	-	-	-	1015.8	-2	E	4	b2f	59	92	4	-	-	-	-	-	4	
Lympne (Folkestone)	1019.2	-4	E	4	b2	63	75	5	1,250	Cu	1	-	-	-	1017.7	-3	ENE	1	b2f	57	92	5	-	-	-	-	-	-	
Aberdeen ...	1023.2	-2	SSE	4	o2f	55	92	5	750	St	10	-	-	-	1021.7	-1	SE	2	o3f	54	92	3	4500	St	10	-	-	4	
Howden ...	1021.3	-1	SE	3	o1f	58	85	5	1,250	St	10	-	-	-	1019.4	-3	E	3	c3f	50	97	5	3,000	Cu	4	ast	4	-	
Cranwell (Lines) ...	1021.0	-3	E	3	c	60	85	5	1,250	St	7	-	-	-	1019.5	-0	ENE	2	b	58	92	4	2,000	St	2	-	-	-	
Felixstowe ...	1020.6	-3	ENE	3	b2f	63	85	5	3,000	Cu	1	-	-	-	1018.9	-0	ENE	2	o2f	59	92	4	4500	St	10	-	-	-	
Shoeburyness ...	1020.1	-2	ENE	3	c2f	60	85	5	2,000	St	7	-	-	-	1017.7	-2	NE	1	o3f	56	92	2	750	St	10	-	-	-	
Benson ...	1017.6	-3	ESE	3	b2f	66	75	3	-	Cu	5	-	-	-	1016.5	-1	E	2	b2	59	97	3	-	-	-	-	-	-	
S. Farnborough ...	1018.4	-4	E	2	b2f	66	75	6	2,000	Cu	6	-	-	-	1017.0	-1	E	1	b2f	59	85	5	2,000	St	1	-	-	-	
London (Kew Obs.)	1018.7	-4	ENE	3	c2f	64	75	4	4,200	Cu	7	-	-	-	1017.1	-1	ENE	2	b2f	60	85	3	-	-	-	-	-	-	
Croydon ...	1019.0	-3	E	3	c1f	66	75	6	2,000	Cu	7	-	-	-	1017.5	-1	E	3	b2f	57	92	4	-	-	-	-	-	-	
7H. G.M.T. OF 30 th																													
Renfrew ...	1016.5	-3	E	2	o2f	53	85	5	-	St	10	-	-	-	1012.8	-1	ENE	2	o4f	55	92	2	1250	St	10	-	-	-	
Eskdalemuir ...	1016.5	-3	E	2	o2f	53	85	5	-	St	10	-	-	-	1013.8	-2	SE	3	b2f	54	92	5	2000	St	8	-	-	-	
Valencia (Cahire'n)	1001.4	-3	SSE	4	om	56	-	-	-	-	-	-	-	-	1003.8	-1	N	1	o1	51	92	5	750	St	7	ast	3	3	
Baldonnel ...	1004.4	-3	SSE	3	o2f	54	85	3	2000	St	6	-	-	-	1005.8	-2	E	5	o2f	57	85	5	-	-	-	-	-	-	
Manchester (Alex Pk)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1011.0	-2	E	2	bcm	54	92	4	3,000	Cu	1	Ci	4	-	
Ross on Wye ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1008.6	-2	SE	4	o1	58	97	5	-	St	10	-	-	-	
Falmouth ...	1008.2	-5	SE	4	o	60	85	6	5700	St	9	-	-	-	1011.1	-3	E	4	o2f	56	97	5	1250	St	1	Ci	7	4	
Calshot (Hants) ...	1013.8	-3	E	3	b2f	58	97	5	-	-	-	-	-	-	1013.1	-2	E	0	b2f	53	97	4	-	-	-	-	-	-	
Lympne (Folkestone)	1014.2	-3	ENE	2	b3f	55	97	3	-	-	-	-	-	-	1017.0	-2	SE	3	o2f	53	97	4	750	St	10	-	-	3	
Aberdeen ...	1016.2	-3	SE	2	o1f	56	97	2	4500	St	10	-	-	-	1013.4	-1	ESE	1	o2f	56	97	4	750	St	10	-	-	-	
Howden ...	1016.6	-4	ESE	3	o2f	55	97	4	1250	St	10	-	-	-	1014.4	-1	SE	2	o3f	55	97	3	4500	St	10	-	-	-	
Cranwell (Lines) ...	1016.3	-2	N	2	b2f	58	97	3	4500	St	10	-	-	-	1014.2	-2	E	2	b2f	58	97	3	4500	St	10	-	-	-	
Felixstowe ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1013.5	-2	E	1	o2f	56	92	2	750	St	10	-	-	-	
Shoeburyness ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1011.7	-1	ESE	2	o2f	55	92	2	-	St	9	-	-	-	
Benson ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1012.4	-2	ENE	2	o2f	53	97	1	750	St	10	-	-	-	
S. Farnborough ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1012.8	-1	E	2	om	55	97	2	750	St	10	-	-	-	
London (M.O. at 1H)	1015.2	-2	-	-	-	57	-	-	-	-	-	-	-	-	1013.6	-2	-	0	o4f	52	97	2	4500	St	10	-	-	-	
Croydon ...	1015.5	-3	E	2	o3f	55	97	3	750	St	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STATIONS CONTRIBUTING REPORTS AT 7H. AND 15H.																													
STATIONS.	BAROM. at M.S.L.	TEMP. °F.	WIND.		Weather.	BAROMETER. at M.S.L.	TEMPERATURE. °F.	WIND.		Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.			WEATHER.			Sunshine Hours.									
			Dirac.	Force 0-12.				Dirac.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.											
			15H. G.M.T. of 29 th																										
Lerwick ...	1024.1	54	ESE	4	bcm	1020.7	-2	54	0	SSE	4	SE	cm	3	-	56	50	bcm	bcm	cm	-								
Stornoway ...	1014.1	58	SE	1	b2	1010.5	0	54	0	SE	3	-	b	2	-	63	43	b2	b2	b	9.2								
Castlebay (Barra Is)	1012.7	58	E	6	bcm	1008.9	0	57	+1	E	5	-	bcm	6	-	58	56	om. cm	cm. bcm	bc. o	4.7								
Malin Head ...	1009.3	59	S	5	cm	1004.7	-1	56	+1	SE	6	SE	cm	4	-	61	56	bcm	bcm	cm	5.5								
Blacksod Point ...	1002.9	62	SE	6	c	1000.9	0	53	-5	NW	3	-	r	3	10	60	52	bc	bc	locmr	-								
Roche's Point ...	1007.4	59	SE	6	c	1000.9	-2	56	-2	SW	1	-	r	4	17	62	56	om. c2	c2	ordm	-								
Birr Castle ...	1007.5	61	SE	4	c	1001.5	-	59	+1	SE	3	-	r	-	0.2	66	57	3. q. c	3. c	c. odr	5.5								
Donaghadee ...	1014.0	58	SSE	3	om	1010.5	-2	56	0	SSE	4	-	cmq	3	-	59	56	bcm	bmq	bmq	-								
Liverpool (Bidston)	1015.7	59	ESE	2	m	1010.9	-2	53	0	SE	4	-	o	3	-	62	53	bm	bm	m. o	0.5								
Holyhead ...	1012.6	61	ESE	4	bm	1008.2	-2	54	-1	R	3	-	bc	2	-	67	51	bm	bm	bm. c2	9.0								
Pembroke (St. Ann's Head)	1012.3	59	ESE	5	bm	1005.9	-3	58	+1	ESE	5	-	om	5	-	61	57	cm. bm	bm	bm. cm	7.4								
Scilly (St. Mary's)	1010.3	58	SE	4	bc	1003.0	-2	56	0	W	4	W	o	6	2	61	53	bm.	b. bcm	c. o. p	9.7								
Jersey (St. Aubin)	1013.7	65	E	3	b	1009.0	-1	59	+1	E	3	-	o	2	-	70	57	b.	b.	b. o	10.5								
Portland Bill ...	1014.5	60	E	5	bcm	1009.5	-5	59	0	ESE	5	-	bc	8	-	62	56	o. bcm	bcm	bc	-								
Dungeness ...	1016.7	59	ENE	3	b	1012.6	-2	58	0	SE	2	-	b	2	-	62	56	om	cm. b	b	-								
Wick ...	1020.0	54	SSE	4	omq	1015.6	-4	53	-1	SSE	5	-	omq	4	-	55	52	omq	omq	omq	-								
Nairn ...	1017.9	57	SSE	3	bc	1013.9	-	55	+4	SE	1	-	bc	1	-	64	50	b2	b. b2f	bcw	9.6								
Leith ...	1018.5	58																											

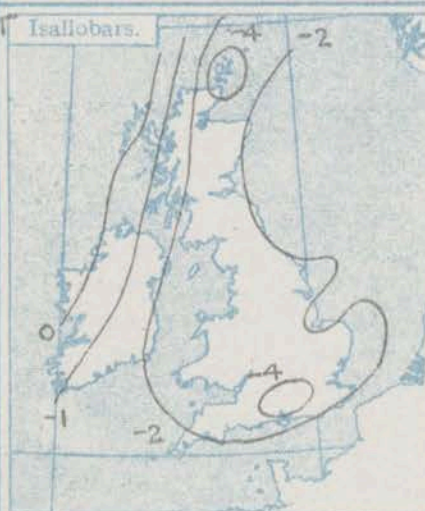
Temperature reported from Coastal and
Cross Channel Steamers

CHART OF
POSITION
NUMBERS
and
Upper
Cloud

C.S.F.S
AREA

A.S.T.

G.A.



EXPLANATION.
BAROMETERS.—Inch-bar are drawn to intervals of two 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 clouded.
 ☁☁ sky 2 clouded. ☁☁☁ sky 3 clouded.
 ☁☁☁☁ overcast sky. ☔ rain: faller.
 * snow. ☸ sleet. ▲ hail.
 = fog. = mist.
 T is under. R thunderstorm.
SEA DISTURBANCE.—
 Rough. High.

A V-shaped depression has arrived over Ireland and the St. George's Channel and is likely to move slowly Eastward. Unsettled weather is therefore to be expected generally, and thunderstorms may occur locally.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 30th September 1920.
1. S.E. England	Wind E. or S.E., light to fresh; fair, then much cloud, occasional mist, some rain, thunder locally; visibility indifferent to fair; temperature moderate.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Wind variable to W. or N.W., moderate or fresh; mainly dull, some rain, thunder locally; visibility indifferent; moderate temperature.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Wind S.E. or E., moderate or fresh, strong in places; much cloud, some rain and mist, thunder locally; visibility indifferent to fair; moderate temperature.
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	Wind mainly between W. and N., force variable; much cloud, some rain, thunder locally; visibility indifferent to fair; moderate temperature.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Less fair than
of late, much
cloud, some rain
in most districts

SYNOPTIC CHART FOR MORNING OF THURSDAY, 30th SEPTEMBER 1920.

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



Visibility.

ANATION.
Data are drawn from
millibars.
is shown by arrow
wind. Force in the
by the number of
in small circles
given in degrees.
sky clouded
sky & clouds
rain falling
hail.
mist.
Thunderstorm.
High
Outlook.

r than
much
ome rain
districts

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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 1 & 2)

Code	Description	Objects not visible at	50 metres (or yards)
0	Dense fog		
1	Very Bad		
2	Bad		
3	Very Poor		
4	Poor		
5	Indifferent		
6	Fair		
7	Good		
8	Very Good		
9	Excellent		

Objects visible beyond 20,000 (12.4 miles)

French reports refer to G.M.T.

R.S., Director.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 274

Thursday
30th September

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 29 th																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-24h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-24h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.
						28 th -29 th	29 th	29 th	28 th							28 th -29 th	29 th	29 th	28 th
Scotland.	Oban ...	c.o.c.	bc	65	53	-	-	4.5	?	England, N.W.	Douglas (I.O.M.)	x.	x.	60	54	-	-	4.6	7.1
	Banff ...	bc.c	bc	57	53	-	-	0.5	6.5		Blackpool ...	o.c.	bm.	63	52	-	-	1.4	8.2
	Montrose ...	bc	bc	55	53	-	-	0.0	5.0		Southport ...	o.c.c.c.	c.o.bc.b	63	51	-	-	2.7	8.6
	St. Andrews ...	c.	c	59	50	-	-	3.0	7.3		Morecambe ...	x.	x.	63	55	-	-	2.7	7.7
England, N.E.	Harrogate ...	m.	o.c.o	57	51	0.1	-	0.0	9.9	Midlands.	Buxton ...	o.	bc	66	48	-	-	3.5	4.2
	Scarborough ...	o	o	60	49	-	-	0.0	6.4		Leamington Spa...	o.	bc	66	53	-	-	2.0	1.4
	Skewness ...	o.c.	c.b	61	55	-	-	5.3	1.3		Malvern ...	z	z	66	47	-	-	4.7	0.0
England, E.	Lowestoft ...	b	b.bw	61	56	-	-	6.5	2.2	Wales.	Bath ...	o.	bc.b	66	47	-	-	2.2	9.7
	Felixstowe ...	cm.	bc	62	57	-	-	7.2	6.4		Rhyl ...	c.	c.bc.c	63	53	-	-	6.5	9.3
	Southend-on-Sea...	m.o.c	c.bc.b	63	56	-	-	3.8	6.0		Colwyn Bay ...	o.c.b.	b	64	52	-	-	9.0	5.0
England, S.E.	Tunbridge Wells	c.bc.b	b	66	54	-	-	6.8	4.4	England, S.W.	Llandudno ...	o.c.b.	b	64	52	-	-	8.0	2.9
	Margate ...	o.	c.bc.b	62	58	-	-	3.7	2.1		Aberystwyth ...	c.b.	b.bc	66	55	-	-	4.1	2.9
	Ramsgate ...	*	*	60	55	-	-	3.8	2.3		Tenby ...	bc.b	bc.b	63	56	-	-		
	Folkestone ...	f.o.c.	bc.b	63	56	-	-	4.8	7.6		Swansea ...	x.	x.	64	55	-	-		
	Hastings ...	m.o.	c.bc.b	63	55	trace	-	4.7	6.4		Weymouth ...	o.c.c	bc.b	63	56	-	-	3.5	0.0
	Eastbourne...	o	o.c.bc.b	61	54	-	-	2.6	7.4		Teignmouth ...	m.o.c.bc	bc.	63	58	-	-	5.3	0.0
	Brighton ...	o.c.bc	b	66	52	-	-	5.8	6.4		Torquay ...	z	z	63	58	-	-	7.4	0.0
	Worthing ...	cm.b	b	62	54	-	-	6.6	6.4		Paignton ...	bm.	bm	63	57	-	-	3.9	0.0
	Littlehampton	o.cm.	bm	62	52	-	-	6.3	0.0		Penzance ...	b.	b	63	57	-	-	10.4	0.0
	Portsmouth (S. base)	x	x	61	53	-	-	2.1	3.5		Newquay ...	z	z	64	56	-	-	9.4	7.8
	Bournemouth	*	*	62	51	-	-	2.7	0.2		Bude ...	w.bc.b	b	63	53	-	-	10.0	5.4
	Ventnor (I. of W.)	*	*	62	52	-	-	0.0	3.3		Ilfracombe ...	o.c.bc.b	b	66	52	-	-	7.6	5.6
										Weston-s-Mare	c.bc.	bc.bm	67	51	-	-	4.6	0.2	

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.	
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUN.		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.		Limits of Velocity at about 30 feet above ground. No. Statute miles per hour. Metres per second.	
		7h-18h 29 th	18h-18h 29 th	Max. Temp. F.	Min. Temp. F.	Day. 7h-18h.	Night. 18h-7h.	Hours.	Hours.				
Renfrew ...	bc.czf	c.o.o	b.bc.b.o	64	51	48	-	5.4	1.9	Capital letters indicate intensity, and repetition of letters continuity, thus:- R = heavy rain. rr = continuous moderate rain. r.f. = continuous light rain.		Aurora ☆ Solar halo ☉ Rime ☄ Lunar halo ☾ Glazed frost ~ Solar corona ☉ Glazed roads & Lunar corona ☉	
Eskdalemuir ...	b.bczf	o.ozf	o.ozf	57	50	50	-	1.9	2.7				
Valencia (Cahire) ...	c.oz	z.c.o	p.rr	66	50	48	-	2.6	2.7				
Baldonnel ...	ozf.bc.c	z.bc.c	↓zf	63	58	55	-	2.8	2.8				
Manchester (A. K. PK.)	ozf.	b	b.bczf	65	50	41	-	trace	5.7				
Ross on Wye ...	ozf.czf	bc.czf	b.bczf	64	57	54	-	2	9.1				
Falmouth ...	bz	zf.3f	b.bczf	61	55	*	-	1.4	1.4				
Calshot (Hants) ...	ozf.	b.bczf	b.bczf	62	50	42	0.1	0.1	8.8				
Lympne (Folkestone)	zf.bc.czf	bc.czf	b.bczf	62	50	42	0.1	0.1	8.8				
Aberdeen ...	pd.ozf	ozf.pd.	ozf.pd.	55	52	52	-	1	0.0				
Howden ...	ozf.zf.	b.bc.bc	ozf.pd.	62	56	53	-	0.4	2.5				
Cranwell (Lincs) ...	ozf.c.o	b.bc.bc	4.5f.oz.	63	55	52	-	0.2	3.1				
Felixstowe ...	bc.czf	bif.	bzfe	64	53	*	*	*	*				
Shoeburyness ...	ozf.zf.	bc.czf	4.5f.oz.	62	51	43	0.1	0.1	3.5				
Benson ...	b	b	bzfe	67	63	45	-	-	*				
S. Farnborough ...	4.5f.bc.c	b.bc.zf.	zf.zf.	69	52	43	-	trace	5.5				
London (Kew Obs.)	w.bc.czf	bc.czf	c.o.ozf	66	56	48	-	-	3.9				
Croydon ...	ozf.bc.czf	bc.czf	bzfe	58	48	*	-	trace	*				

LONDON. OBSERVATIONS.		WEATHER.		Night.	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.								15 h. G.M.T.	9 h. G.M.T.		TIMES OF STATIONS						
24 HOURS ENDED 9h G.M.T. 30 th									YESTERDAY.	TO-DAY.		30 th Sept & 1 st Oct. 1920.							
												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)	o.b.c.b	b	b.o.o.m	66	55	47	-	-	4.8	77	92				G.M.T.	G.M.T.	G.M.T.		
City (Bunhill Row)	*	*	*	*	*	*	*	*	3.3	*	*				5.33	5.30	5.33		
Westminster (St. James's Park)	*	*	*	*	*	*	*	*	3.3	*	*				5.40	5.38	5.40		
Camden Sq. (British Rainfall)	b.c.b	b.b.c	*	69	55	51	-	*	73	92	92			Yarmouth...	5.53	11.43	5.30		
Kensington Palace	b3	b	*	66	53	51	-	*	83 (18h)	91	91			Greenwich	5.56	11.43	5.30		
Hampstead Observatory	*	*	*	64	54	-	-	5.4	*	90	90			Wick	6.0	11.50	5.40		
												Total 68.7 Joules.				Greenwich	6.2	11.50	5.47
												Milliwatts.				Wick	6.17	12.2	5.45
												Average Rate. 16.3				Valencia	6.19	12.2	6.21
												Maximum Rate. 48				Valencia	6.41	12.31	6.19
																Valencia	6.43	12.31	6.19

Photographic Record of				NOTES ON THE WEATHER OF YESTERDAY.			
Pole Star (Polaris) and of 8 Ursae Minoris at Greenwich Observatory.				Temperature rose to 70° at Jersey and to between 65° and 69° at many other stations. The minimum readings of the night were high for the time of year. Bright sunshine records varied considerably but were good in many parts of the Kingdom; about 9 hrs at Stornoway, Holyhead, Falmouth, and Yarmouth, 9.6 hrs at Nairn, and 10 hrs or more at Newquay, Paignton and Jersey. Rather heavy rain fell during the night at Blacksod Point and Roche's Point and a little at Scilly.			
Exposure from 29 th 10.45 m. to 30 th 4.45 m.							
Stars.	Duration of Exposure.	Duration of Record.					
Polaris	10. 0	0. 16	3				
8 Ursae Minoris	10. 0	0. 11	2				



AIR MINISTRY.

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

I.—CORRECTIONS.

Report for	STATION.	CORRECTION.	Report for	STATION.	CORRECTION.	Report for	STATION.	CORRECTION.
17th	Eska Dalemuir.	1h. Bar change -5 Humidity 97	23rd	Valencia.	18h bar. 1027.4	30th	Cranwell.	18h Vis. 5
	Blackad Point.	Vis. 3 Cloud. No. 10		Falmouth.	1023.4		Felixstowe.	1h bar. 1016.3 "b3fe" cloud "Nil"
	Roches Point.	7h bar. 992.9		Shoeburyness	1021.8 Temp. 54			7h weather b2fe Cloud "Nil"
	Eska Dalemuir.	Min. 47		London.	7-13h. 025 p. 0.0 g m. c d m			
18th	Baldonnell.	Weather. 18h-1h "orr 25"	24th	Portland Bill.	7h bar change +2			
	Cranwell.	13h Vis 7		Cranwell.	13h bar. 1026.3 Wind "calm" temp. 61			
	London.	1h Wind "SSW" Temp. 53			18h weather b2 Cloud "Sc Cu 2 Cu 2"			
	Portland.	7h low cloud "Cu. 0"		Lerwick.	18h bar. 1019.0			
	Westminster.	18h bar. 1004.5		Blackad.	Rainfall 0.2 mm			
19th	Baldonnell.	Rainfall. 18 mm		Donaghadee	Min. 45			
	Lymington.	18h bar change +3 H. of cloud 3000		Portland Bill.	Bar change -2			
	Cranwell.	7h wind. W 3	25th	Valencia.	18h Temp. 59			
	London.	1h. bar change +1 Wind "WSW 2		Roches Point.	7h wind "SW. 1"			
	Roches Point.	1h Wind "W. 0"		Croydon.	18h bar. 1021.0 Max. 61			
	Jersey.	Morning "r 2.0"		Cranwell.	Grass min. 45			
	Nairn.	7h wind "W. 5"	26th	Baldonnell.	7h weather "cd" Cloud "Sc T"			
20th	S. Farnborough.	18h Wind. ENE Rainfall 35	27th	Renfrew.	18h Temp. 60			
	Falmouth.	Min. 43		Valencia.	13h Sea W			
	Lymington.	18h Wind "NNE"		Baldonnell.	13h bar. 1018.5 18h Vis 5			
	London.	3h Wind "W. 5" 1h Vis. 8		Donaghadee	1h weather b2 Cloud "Cu No 3 Cu Cu 3"			
	Cranwell.	18h clouds. 3000. Cu 2. Cu 5		Blackad.	18h Temp. 60			
21st	Malin Head.	1h Temp. 42		Cranwell.	Min. 50			
	Baldonnell.	Rainfall. 1 mm		Westminster.	Min. 51			
	Falmouth.	13h bar. 1017.2 1h bar 1019.0	28th	Baldonnell.	Grass min. 49			
	London.	18h Temp 54 humidity 75 Vis 8			18h weather "og" Cloud "Sc Cu 5" 2.5 h			
	Cranwell.	18h cloud "Cu 2 Cu 4" 1h 025d.		Falmouth.	18h cloud "Sc 9"			
	Holyhead.	7h bar. 1018.3		Cranwell.	18h wind "SSE. 2" Grass min. 38			
	Portland.	18h bar. 1014.8		Renfrew.	7h bar. 1021.6			
22nd	Renfrew.	7h Temp 54 Min. 49		Manchester	" 1024.2			
	Baldonnell.	13h bar. 1025.5		Calshot.	" 1024.5			
	Ross-on-Wye.	13h wind. "N. 4"	29th	Spurn Head.	Rainfall 0.1 mm			
	Falmouth.	18h bar. 1019.8		Baldonnell.	13h Cloud height 4200 7h Vis 4			
	Cranwell.	18h bar. 1019.4		Falmouth.	18h wind "SE"			
	London.	3h weather "o" Cloud "Cu T. Cu 1"		Cranwell.	7h Temp. 54 Grass min. 52			
	Castlebay.	1h Wind "N. 3"		S. Farnborough.	Wind "ENE"			
	Roches Point.	7h Wind "SSW 4"		Silly.	" "SE 5			
	Spurn Head.	Rainfall 0.2 mm		Spurn Head.	Max. 59			
	Lymington.	" 1.6 mm		Nottingham.	7h wind "NE"			
		" 0.1 mm		Kensington Pal.	Min. 55			
		Weather 7-13h "ora rorm".						

II.—ADDITIONS (continued).

STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.

Report for

STATIONS CONTRIBUTING REPORTS AT 7H. AND 19H.

STATION.	BAROM. at M.S.L. mb.	TEMP. ° F.	WIND.		Weather	BAROMETER. TEMPERATURE WIND.					Direc. of Upper Cloud.	Weather	Sea 0-9.	RAIN- FALL. mm.	TEMP.		WEATHER.			Sunshine. Hours	
			Force 0-12.	Force 0-12.		At M.S.L. mb.	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.					7h. G.M.T.					24 HOURS ENDED 7h.					
3 rd Castlebay.	1009.5	55	W	4	od	1015.1	0	54	-2	NW	3	-	0	*	3	56	51	rfr	frd	dop	0.0
12 th	1012.5	57	WSW	4	d	1012.2	-1	57	+3	S	4	-	op	*	5	58	54	r	rd	dop	0.0
13 th	1010.3	56	WSW	4	o	1012.7	+3	55	-2	W	4	W	2	4	6	57	54	opr	rop	apoc	0.0
14 th						1011.1	-5	54	-1	SSE	5	-	op	*	1	56	52			cob	7.9
25 th Malin Head						1013.0	0	57	0	SSW	3	-	o	3	5	62	51			op	5.1

U.S. Weather Office

† The barometric change is expressed in half millibars.

No. 5702/20. W. 2014. U. 2120. M. 2121.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

BRITISH SECTION.

CORRECTIONS AND ADDITIONS, SEPTEMBER 1920.

I.—CORRECTIONS.

Report for	STATION.	CORRECTION.	Report for	STATION.	CORRECTION.	Report for	STATION.	CORRECTION.
1st.	Esksdalemuir.	18h. Cloud "Ci Sc 4"	6th.	Falmouth.	13h wind "WNW" : 1h Bar 1021.9	11th.	Cranwell.	13h bar 1023.0 : 18h bar 1025.5
	Ross-on-Wye	7h. Wind "WNW" Humidity "97"		Cranwell.	13h Bar change -2 : Temp "55"		London.	bar change +4 : Wind "WNW"
	Falmouth.	7h Wind "WNW"		London.	1h Wind force "3"		Falmouth.	18h clouds "Ci Cu b"
	Cranwell.	7h Wind "W" : Min "48" : Rain, day 2.1		Valencia.	18h Wind force "4"		Roches Point.	Clouds 1h "ASc" : 7h "Cu Nb 1 Cu 2"
	London.	Min "48"		Holyhead.	Min. "60"		Wick.	18h Temp. "57"
2nd.	Esksdalemuir.	18h. Cloud "Sc Cu 2, Ci 7"		Pembroke.	7h Temp. "50"		Calshot.	Rainfall. "1.4 mm"
	London.	18h. Wind "WNW" weather		Portland Bill.	18h. Bar 1019.3		Falmouth.	Max. "65"
	Malin Head.	13h-15h "02f 0p 02f"		Leith.	1019.2		Lympne.	18h wind "SSE 2" : 1h "SE 2"
	Valencia.	7h Bar 1010.8 : Rainfall "4mm"	7th.	Baldonnell.	Min. "51"		Cranwell.	7h clouds "ASc b"
	Manchester.	Grass min. "55"		Cranwell.	13h low cloud "Sc Cu b" 1h low		Malin Head.	18h bar 1013.1
	Ross-on-Wye	"36"		Pembroke.	cloud "Sc 10" height "4200"		Nottingham.	18h Temp. "60"
3rd.	Falmouth.	Rainfall night "0.3 mm"		Valencia.	18h humidity "75" : 1h Temp. "50"		Calshot.	Sunshine "7.3 hrs"
	London.	18h cloud "No 7" : "ASc 3"		Manchester.	Max. "64"		Valencia.	13h cloud "Sc 10" height "2000"
	Hawden.	13h Bar 1015.8 : weather "d"			Weather 18h-1h "02f bc"		Baldonnell.	18h bar 1014.9
	London.	13h Bar change "-3"			7h-13h "02f bcog"		London.	7h Temp. "46" Visibility "5"
	Cranwell.	1h Bar 1015.2 : Wind "W"			13h-18h "01f bc"		Barr Castle.	7h Wind "SW 1" : Sunshine "3.1 hrs"
	Baldonnell.	Weather 18h-1h "dd 1f"			Min. "52"		Lympne.	7h Wind "SW 1" : Sunshine "3.1 hrs"
4th.	Falmouth.	18h Cloud "Cu Nb 10"	8th.	Baldonnell.	Sunshine "3.7 hrs"		Renfrew.	18h Visibility "6"
	Cranwell.	13h Wind "NNW" Temp. "66" : Humidity		Cranwell.	18h bar 1020.5 : Rainfall day "2mm"		Baldonnell.	1h bar change "-1"
		"75" : Cloud "Cu 7" : "ASc 2"		London.	1h bar 1021.6 : Temp. "53"		London.	7h Bar change "+2"
		18h Cloud "Sc Cu b" : "ASc 2"		Roches Point.	13h Wind "NW 2"		Malin Head.	Max. "58"
	Croydon.	1h Bar 1016.2 : change "0" Wind "NW"		Jersey.	Min. "59"		Cranwell.	13-18h "02f or" : Rain "day 0.5" night "0"
	Baldonnell.	13h Humidity "70"		Wick.	18h Temp. "63"		S. Farnborough.	Min. "42"
	Lympne.	1h Bar change "-3" : Rain, day "1mm"		Renfrew.	7h Bar 1016.0		Esksdalemuir.	13h Vis. "5"
	London.	1h Humidity "96" : Sunshine "0.8"		Falmouth.	Min. "49"		London.	13h bar change "-3"
	Holyhead.	7h low cloud "Sc 7"			Sunshine "0.4 hrs"		Croydon.	13h bar change "-3"
	Jersey.	7h wind "SSW"	9th.	Cranwell.	18h weather "c2f" cloud "Sc Cu 4, Ci 3"		Castlebay.	7h clouds "Nb 7" : "ASc 3"
	Falmouth.	7h Bar 1018.6		London.	18h humidity "85" : 1h bar 1020.4		S. Farnborough.	18h bar 1001.3
	Calshot.	Min. "53"		Castlebay.	13h weather "02" : upper cloud "ASc"		Renfrew.	Rainfall night "1mm"
	S. Farnborough.	Max. "69"		Blackpool Point.	18h Temp "56" : Sunshine "2.9 hrs"		Westminster.	Sunshine "0.0"
5th.	Falmouth.	Rainfall night "0.2 mm"		Roches Point.	7h wind "calm"		Renfrew.	Min. "53"
	London.	18h Bar 1019.3 : weather "bc 2f"		Nairn.	18h bar "1020.3"			18h Temp. "51"
	Croydon.	Cloud "Sc Cu 4" Min "55"		Westminster.	Min. "46"			13h wind "WNW 3" weather "01f" Temp "62"
	Baldonnell.	18h Humidity "55"		Cranwell.	Min. "34"			18h Wind "WSW 3"
	London.	18h Upper cloud "Ci Sc 6"	10th.	Cranwell.	7h Bar 1019.9 : wind "W 3" Temp "49"			18h bar 1007.0
	Baldonnell.	1h Bar change "-1" : Cloud "ASc"		London.	Max "70" Min "48"			13h upper cloud "ASc 3"
	Cranwell.	1h Wind "W 3"		Portland.	13h bar change "-3"			18h humidity "92"
	Malin Head.	Min. "51"		Tynemouth.	7h bar 1024.3			Temp. 13h "50" : 1h "49"
	Pembroke.	"56"	11th.	Portland Bill.	7h Temp. "50"			18h wind "SSW 3"
	Calshot.	Max. "67"			7h wind "NE 3"			18h weather "b" Cloud "Cu 2, Ci Sc 1"

II.—ADDITIONS.

Report for	STATION.	OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 13h AND 18h.														SUMMARIES FOR PAST 24 HOURS.												
		Barom. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud		Sea.	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	RAINFALL.		Sun Hours.			
				Direc.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.		0-9.	7h-18h.	13h-18h.	18h-1h.				1h-7h.	Day. 7h-18h. mm.		Night. 18h-7h. mm.		
1st.	Baldonnell.	7h	1021.7	+3	W	4	c	49	92	6	750	Sc Cu	1	ASc	6	*												
3rd.		7h	1017.3	+5	WNW	2	od	54	92	3	500	Sc	10	-	-	*												
	Manchester.	7h	1013.3	+3	SSW	1	od	53	92	3	-	-	-	ASc	9	*												
4th.	Cranwell.	7h	1010.0	-4	W	4	c	56	97	6	3000	Sc Cu	6	Cu	2	*												
5th.	Manchester.	7h	1014.5	-1	WSW	3	d	51	92	5	1250	Nb	10	-	-	*												
10th.	Baldonnell.	7h	1020.3	+3	W	3	b	45	97	6	3000	Sc	1	-	-	*												
		7h	1022.8	+3	WSW	4	b	47	92	6	-	-	-	ASc	2	*												
	Manchester.															*												
	Hawden.	1h	1014.9	+2	NW	4	od	53	85	4	1250	Sc	10	-	-	*												
13th.	Baldonnell.	7h	1017.2	+2	W	3	od	54	92	5	750	Sc	10	-	-	*												
14th.		13h	1019.4	+1	N	3	c	60	65	7	4200	Cu	6	-	-	*												
16th.		7h	1006.7	-2	SSE	2	c	43	85	7	-	-	-	ASc	7	*												
17th.	Renfrew.	7h	994.6	+1	-	0	od 02f	48	98	4	2000	Sc	10	-	-	*												
18th.	Esksdalemuir.	7h	996.7	+2	-	0	o	39	92	7	5700	Cu Nb	9	-	-	*												
		7h	1001.1	+4	SW	1	bc	44	92	6	3000	-	-	-	ASc	4	*											
	Manchester.	7h	1000.6	+5	W	2	r 2-3f	46	97	4	3000	Cu Nb	7	-	-	*												
20th.		18h	1009.4	+5	W	1	bz	52	75	4	3000	Cu Nb	7	-	-	*												
22nd.	Baldonnell.	7h	1028.8	+1	-	0	c	42	97	4	4500	Sc	1	-	-	*												
23rd.		7h	1026.7	-1	-	0	b	38	97	4	3000	Cu	1	-	-	*												
24th.		7h	1025.7	0	-	0	bf	48	85	5	-	-	-	ASc	1	*												
30th.		7h	1008.8	-3	SSW	3	od	58	85	3	2000	Cu	6	-	-	*												

† The barometric change is expressed in half millibars.