

AIR MINISTRY.

**METEOROLOGICAL OFFICE,  
LONDON.**

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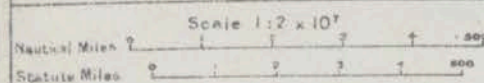
# **DAILY WEATHER REPORTS**

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1ST JANUARY TO 31ST MARCH, 1920.

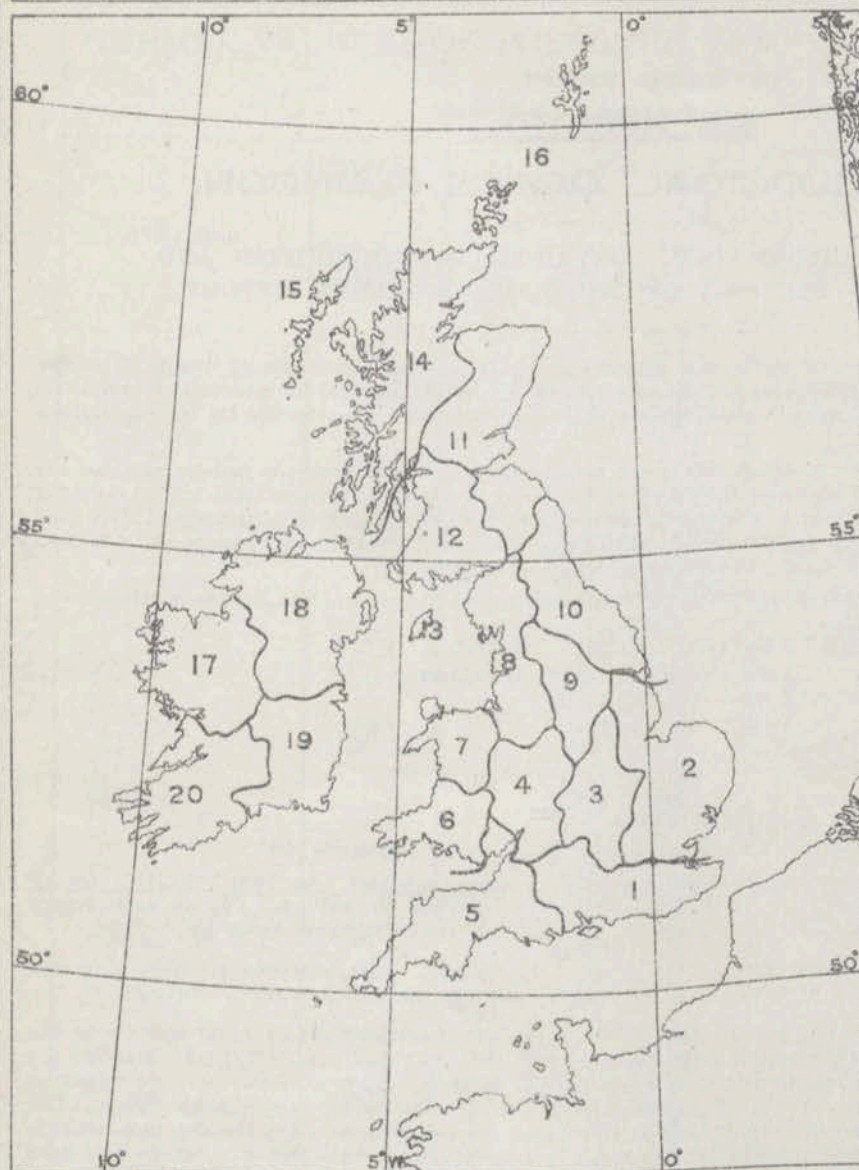


## METEOROLOGICAL STATIONS.

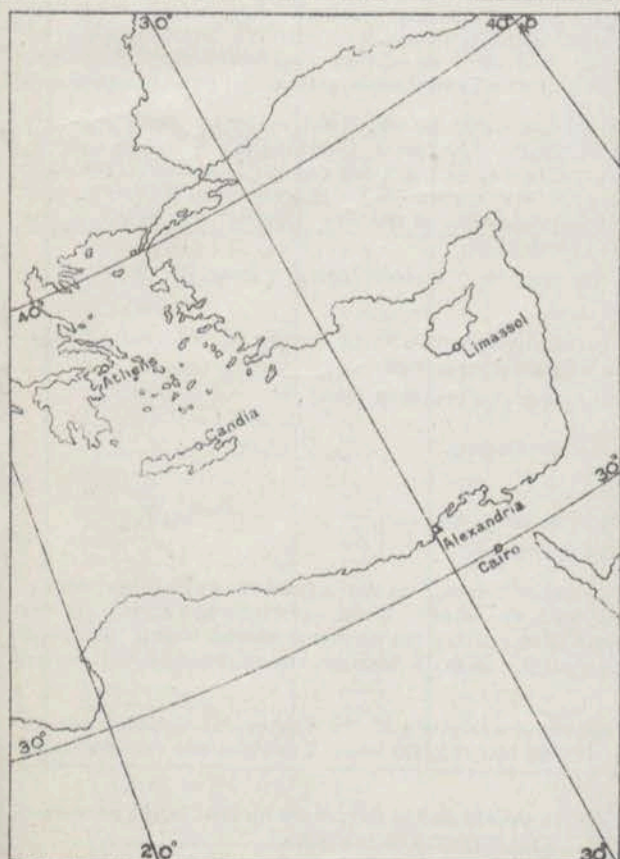
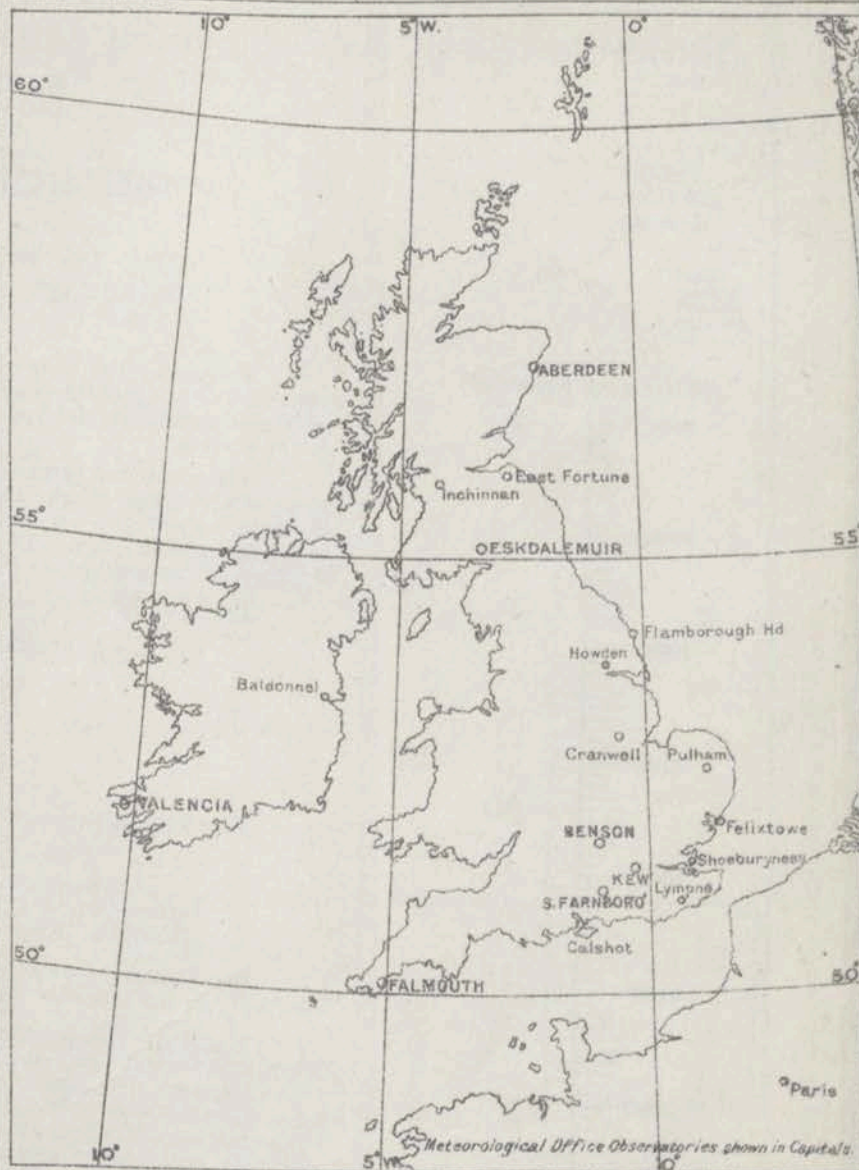




# DISTRICTS.



# 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).  
d drizzle.  
e wet air without rain falling  
f fog. g gloom.  
h hail. l lightning.  
m mist. o overcast sky.  
p passing showers.

## BEAUFORT NOTATION.

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

## WEATHER SYMBOLS.

Clear sky ○ Sky 1/4 clouded ○  
Sky 1/2 clouded ○  
Overcast sky ⊕ Rain falling ⊕  
Snow ❄ Sleet ⊕  
Fog ☁ Hail ⊕  
Thunder ⚡ Mist ⊕  
Lightning ⚡ Thunderstorm ⊕  
Aurora 🌈 Gale ⊕  
Rime ❄ Solar halo ⊕  
Glazed frost ❄ Lunar halo ⊕  
Glazed roads ❄ Solar corona ⊕  
Snow lying ❄ Lunar corona ⊕

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

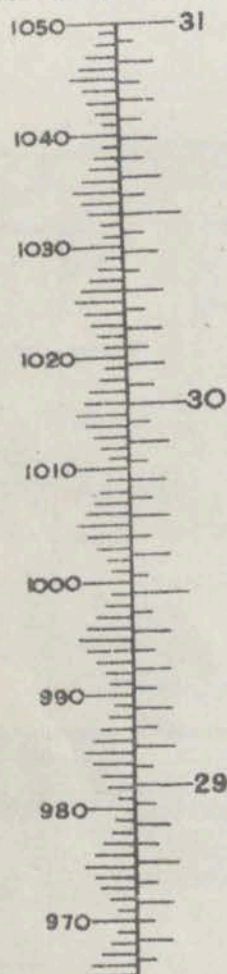


## AIR MINISTRY.

### METEOROLOGICAL OFFICE, LONDON.

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

Millibars. Inches.

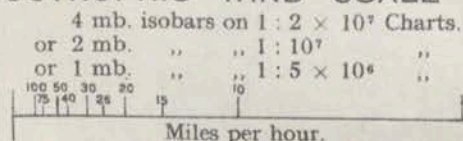


**Pressure.**—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on the British Section of the Report and for intervals of 4 millibars on the International Section. Values in millibars may be converted to mercury inches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

The wind at a height of 1,000–2,000 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 British Section of the 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 as indicated with both the International and the British Sections:—

#### GEOSTROPHIC WIND SCALE FOR



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  $1\frac{1}{2}$ % 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.

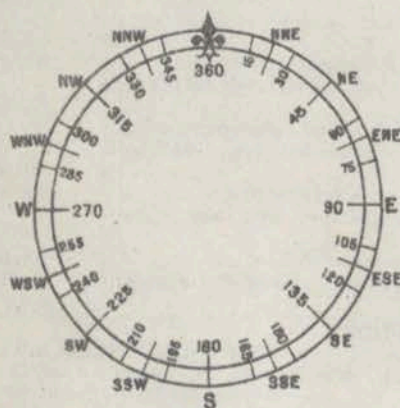
**Weather.**—In describing the distribution of weather over a district or during an interval of time such as a day, descriptive adjectives are used with the following meanings:—

- 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, 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.)



JANUARY.

FEBRUARY.

MARCH.



# DAILY WEATHER REPORT. APPENDIX I.

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

### FIRST QUARTER, JANUARY TO MARCH.

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

JANUARY.

FEBRUARY.

MARCH.

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. Temp. Year.	Minimum. Temp. Year.								
Lerwick	mb. 1007.0	°F. 39.6	°F. 42.6	°F. 35.6	°F. 52	1898	1910	27	mm. 108	in. 4.25	—				
Stornoway	1008.1	40.3	41.7	34.9	55	1890	1881	25	131	5.17	—				
Castlebay (Barra Isd.)	[1009.0]§	[41.0]§	[45.6]§	[39.1]§	[52]§	[1908, 09, 10, 14]§	[28]§	[24]§	[114]§	[1.16]§	[13]§				
Eskdalemuir	[1012.7]¶	[34.8]¶	[39.6]¶	[30.4]¶	[51]¶	[1910, 11, 15]¶	[3]¶	[21]¶	[114]¶	[4.48]¶	[14]¶				
Malin Head	1010.3	41.1	44.4	37.4	55	1898	1894	21	166	2.61	—				
Blackod Point	1011.9	43.7	46.5	38.8	56	1890	1891	26	129	5.09	—				
Valencia	1014.9	44.4	48.5	40.2	51	1882, 3, 4, 8, 9, 10, 11, 12, 13, 14	1894	20	139	5.49	19				
Roche's Point	1016.0	43.2	47.5	39.4	57	1889	1894	20	105	4.15	—				
Birr Castle	1014.3	39.3	45.2	34.3	57	1898	1881, 94	6	72	2.83	20				
Donaghadee	1013.5	40.5	44.8	36.3	58	1898	1881	14	64	2.53	—				
Liverpool (Observatory)	1015.4	38.7	43.3	35.3	58	1898	1881	9	54	2.12	—				
Holyhead	1014.8	42.3	45.2	38.4	54	1899, 1915	1894	20	19	2.91	—				
Pembroke (St. Ann's Hd.)	1015.9	42.9	45.9	39.4	53	1899, 1907, 14	1881, 94, 1907	19	84	3.31	—				
Seilly (St. Mary's)	1017.3	45.6	49.1	42.3	57	1899	1894	25	76	2.98	—				
Falmouth	1018.0	45.1	49.9	39.9	55	1888, 90, 96	1894	20	107	4.21	—				
Jersey (St. Aubin's)	1019.0	42.8	46.6	38.6	57	1899	1891	12	75	2.94	—				
Portland Bill	1016.5	43.0	45.5	38.7	[52]†	[1901, 03, 05, 11, 12, 13, 15]	[23]†	[1907]†	16	57	2.26				
Dungeness	1016.6	39.4	43.8	34.7	55	1893	1891	11	48	1.90	—				
Dover	[1015.5]§	[38.1]§	[43.2]§	[34.4]§	[55]§	[1914]§	[17]§	[1910]§	[18]§	[57]§	[2.25]§				
Wick	1008.5	38.0	42.5	33.3	60	1898	1881	-4	62	2.46	—				
Nairn	1009.5	36.9	42.6	31.8	59	1887	1910	4	51	1.97	—				
Aberdeen	1011.1	37.1	42.3	31.4	59	1898	1881	4	55	2.18	—				
Leith	1012.0	39.2	44.0	34.2	58	1898	1881	9	42	1.65	—				
Tynemouth	1013.5	38.5	43.5	31.6	58	1898	1881	6	41	1.61	—				
Spurn Head	1014.3	38.3	42.1	34.7	55	1898	1881	13	33	1.36	—				
Yarmouth	1015.9	37.8	41.8	31.7	57	1899	1881	10	44	1.74	—				
Clacton-on-Sea	1016.8	37.7	41.8	33.9	[55]†	[1914]†	[18]†	[1915]†	14	1.34	—				
Nottingham	1015.7	37.1	42.6	32.6	56	1882, 88, 98, 99	1881	2	46	1.81	—				
LONDON (Kew Obsy.)	1017.5	38.3	43.1	34.6	56	1908, 10, 14	1910	9	45	1.76	—				
Lerwick	1002.6	39.0	42.1	34.5	51	1910	1895	17	80	3.16	—				
Stornoway	1004.0	39.2	44.1	34.2	55	1891	1892	12	111	4.46	—				
Castlebay (Barra Isd.)	[1005.0]§	[42.7]§	[45.8]§	[38.9]§	[52]§	[1914]§	[27]§	[1912]§	[22]§	[1.58]§	[22]§				
Eskdalemuir	[1007.6]¶	[35.4]¶	[41.9]¶	[31.6]¶	[51]¶	[1912]¶	[10]¶	[1912]¶	[22]¶	[7.19]¶	[16]¶				
Malin Head	1005.8	40.7	44.6	37.1	59	1891	1895	20	19	2.41	—				
Blackod Point	1008.0	42.9	46.7	38.1	59	1891	1895	23	21	2.46	—				
Valencia	1010.6	43.5	48.8	39.7	58	1891	1895	22	132	5.20	—				
Roche's Point	1011.4	42.5	47.8	39.1	56	1889, 1896	1895, 1900, 02, 12	25	91	3.70	—				
Birr Castle	1009.7	39.1	46.7	34.4	60	1912	1895	6	58	2.29	—				
Donaghadee	1009.4	40.0	45.6	36.1	57	1897, 1901, 11	1895	16	58	2.10	—				
Liverpool (Observatory)	1010.7	38.7	44.2	35.6	59	1885, 1898	1895	12	42	1.68	—				
Holyhead	1010.2	41.9	45.4	38.0	59	1891	1895	17	62	2.43	—				
Pembroke (St. Ann's Hd.)	1011.3	42.2	45.6	38.9	56	1903	1895	23	68	2.66	—				
Seilly (St. Mary's)	1012.8	45.1	48.9	41.7	57	1896, 1897	1895	27	65	2.57	—				
Falmouth	1013.8	42.6	47.1	39.6	58	1899	1895	22	94	3.70	—				
Jersey (St. Aubin's)	1015.2	42.4	47.3	38.7	56	1891	1895	18	62	2.44	—				
Portland Bill	1012.5	42.4	45.6	38.5	[54]†	[1905]†	[24]†	[1912]†	11	49	1.91				
Dungeness	1012.9	39.5	44.5	35.2	57	1897	1889	11	41	1.63	—				
Dover	[1014.1]§	[39.4]§	[45.6]§	[35.9]§	[56]§	[1913]§	[17]§	[1912]§	[17]§	[43]§	[1.68]§				
Wick	1001.9	37.8	42.8	31.8	57	1897, 1903	1895	2	58	2.27	—				
Nairn	1005.0	36.8	43.9	31.3	64	1891	1895, 97	0	46	1.80	—				
Aberdeen	1006.7	37.7	43.2	33.4	64	1897	1895	6	52	2.05	—				
Leith	1007.2	38.8	45.2	33.8	59	1882	1895	12	36	1.42	—				
Tynemouth	1008.7	38.5	44.5	33.7	60	1898, 99	1895	7	35	1.37	—				
Spurn Head	1010.0	38.7	43.0	35.1	61	1899	1895	20	31	1.21	—				
Yarmouth	1012.1	38.1	42.9	34.0	60	1912	1895	15	33	1.49	—				
Clacton-on-Sea	1012.9	38.1	42.9	34.4	[58]†	[1903]†	[18]†	[1912]†	12	1.25	—				
Nottingham	1011.4	37.6	42.6	33.2	61	1899	1895	2	39	1.55	—				
LONDON (Kew Obsy.)	1013.5	38.5	45.0	35.1	62	1899	1895	11	39	1.54	—				
Lerwick	1005.7	38.3	42.9	34.4	57	1893	1891	19	25	80	—				
Stornoway	1007.4	38.6	45.3	34.4	57	1894, 1907	1881	13	24	104	—				
Castlebay (Barra Isd.)	[1007.7]§	[41.7]§	[45.7]§	[38.5]§	[52]§	[1911]§	[27]§	[1915]§	[22]§	[1.87]§	[22]§				
Eskdalemuir	[1007.2]¶	[35.2]¶	[44.2]¶	[31.9]¶	[55]¶	[1910, 1915]¶	[16]¶	[1913]¶	[21]¶	[5.24]¶	[26]¶				
Malin Head	1008.2	40.7	46.0	37.9	62	1894	1906	25	21	2.32	—				
Blackod Point	1009.8	42.7	47.9	38.6	64	1894, 1899	1895	26	21	2.32	—				
Valencia	1011.8	43.4	48.9	39.9	66	1899	1899, 1901	26	104	4.10	—				
Roche's Point	1012.2	42.5	49.3	39.2	61	1899	1890	27	18	4.54	—				
Birr Castle	1011.0	38.8	49.2	34.6	66	1894	1891	18	61	2.40	—				
Donaghadee	1010.1	39.9	47.4	36.7	64	1892	1895	25	19	2.19	—				
Liverpool (Observatory)	1011.0	39.6	46.9	36.0	65	1884, 94, 1907	1895	21	56	2.19	—				
Holyhead	1010.8	41.9	46.9	38.4	67	1894	1886	27	48	1.90	—				
Pembroke (St. Ann's Hd.)	1011.7	41.9	46.7	39.0	58	1899	1881	26	67	2.62	—				
Seilly (St. Mary's)	1012.6	45.0	49.9	41.0	59	1893	1888, 1909	30	66	2.58	—				
Falmouth	1013.4	42.7	48.7	39.8	60	1914	1883, 90, 91	18	62	2.45	—				
Jersey (St. Aubin's)	1014.1	41.4	49.9	39.9	66	1891, 94, 1903	1890	24	88	3.46	—				
Portland Bill	1011.8	42.7	47.5	39.1	[59]†	[1900]†	[26]†	[1909]†	15	4.74	—				
Dungeness	1011.8	40.7	47.0	36.4	62	1903	1909	15	51	2.02	—				
Dover	[1010.8]§	[40.8]§	[47.4]§	[37.0]§	[58]§	[1911, 15]§	[17]§	[1909]§	[20]§	[64]§	[2.50]§				
Wick	1006.7	37.7	44.9	33.8	62	1894	1900	10	21	2.27	—				
Nairn	1007.4	36.6	46.4	32.6	66	1907	1892	6	19	1.87	—				
Aberdeen	1008.3	38.0	45.7	34.4	68	1889, 91, 92	1889	10	61	2.41	—				
Leith	1008.7	39.3	47.7	34.9	67	1884	1881, 89	19	44	1.75	—				
Tynemouth	1009.4	38.7	46.9	34.4	62	1907	1889	15	46	1.81	—				
Spurn Head	1009.9	39.5	45.7	36.3	62	1890, 93, 1903	1886	24	36	1.40	—				
Yarmouth	1011.1	39.2	45.8	35.4	65	1906, 14	1892	18	44	1.75	—				
Clacton-on-Sea	1010.9	39.5	46.2	35.8	[60]†	[1912, 14]†	[19]†	[1909]†	13	1.44	—				
Nottingham	1011.2	38.2	48.3	34.3	68	1884	1909	14	42	1.65	—				
LONDON (Kew Obsy.)	1012.6	39.3	48.7	35.0	67	1895	1909	17	43	1.69	—				

° Results for 30 years, 1886-1915.

+ " " 16 " 1900-1915.

+ " " 15 " 1901-1915.

+ Results for 9 years, 1907-1915.

+ " " 8 " 1908-1915.

+ " " 6 " 1910-1915.

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

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

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





## BRITISH SECTION.

No. 24,354. B

...SUNDAY, 1<sup>ST</sup> FEBRUARY...1920.

\* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

§ Longside at 114.



# SUMMARY OF CONDITIONS AT 7 A.M. Sunday, 1st February, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	W 10-20	Mod.	Fine.	Good	Mod.
2. E. England	SW-W 15-20	"	" squally.	"	"
3. E. Midlands	W 15	R.Mild	Fine.	"	"
4. W. Midlands	W 10-15	"	"	"	"
5. S.W. England	W-NW 10-20	Mod.	Fair to fine.	"	R.Rough
6. South Wales	W 20	R.Mild	Fine, squally.	"	"
7. North Wales	WSW 25-30	"	Fair, squally.	"	Rough
8. N.W. England	W 30-35	"	Fair or fine.	"	"
9. N. Midlands	W 15-25	"	Fair or fine.	"	"
10. N.E. England	W 25-30	"	Fine, squally.	"	Mod.
11. E. Scotland	W-NW 25-35	R.Mild	Fine to cloudy, local squalls.	Good	Mod.
12. S.W. Scotland	Wly 25-35	"	Cloudy, local squalls.	"	"
13. Isle of Man	W-NW 25-35	"	Fair or fine, squally.	"	R.Rough
14. N. & N.W. Scotland	W 15-25	"	Fair to cloudy.	"	"
15. Hebrides	W 25-30	"	Fine local showers & squalls.	"	R.Rough
16. Orkneys and Shetlands	W 5-10	Mod.	Fair.	"	Smooth
17. N.W. Ireland	SSW 15	R.Mild	Cloudy, local showers, squalls & mist.	Poor	Mod.
18. N.E. Ireland	SW-NW 15-20	Mod.	Var. sky, squalls. Local mist.	"	"
19. S.E. Ireland	W 10	R.Mild.	Cloudy or dull. (& rain).	Fair.	R.Rough
20. S.W. Ireland	SW-W 10-20	"	Dull.	"	Slight



**EXPLANATION.**  
 BAROMETER.—Isobars are drawn at intervals of  $\frac{1}{10}$  millibars.  
 WIND.—Direction is shown by the arrow flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in per hour by figures in small circles.  
 TEMPERATURE.—Isotherms are drawn at intervals of  $1^{\circ}$  C.  
 WEATHER SYMBOLS.—  
 ☉ clear sky. ☁ sky & clouds. ☂ sky & rain.  
 ☁ overcast sky. ☂ rain & snow. \* snow. ▲ hail. ☄ fog.  
 T thunder. R thunder & rain.  
 SEA DISTURBANCES.—  
 Rough—High—

**GENERAL INFERENCE** from observations received up to 9 a.m.  
 An extensive depression centred to the S.W. of Iceland is moving East or North-East. Winds will freshen from S.W., with mild weather and showers or rain at times in all districts.

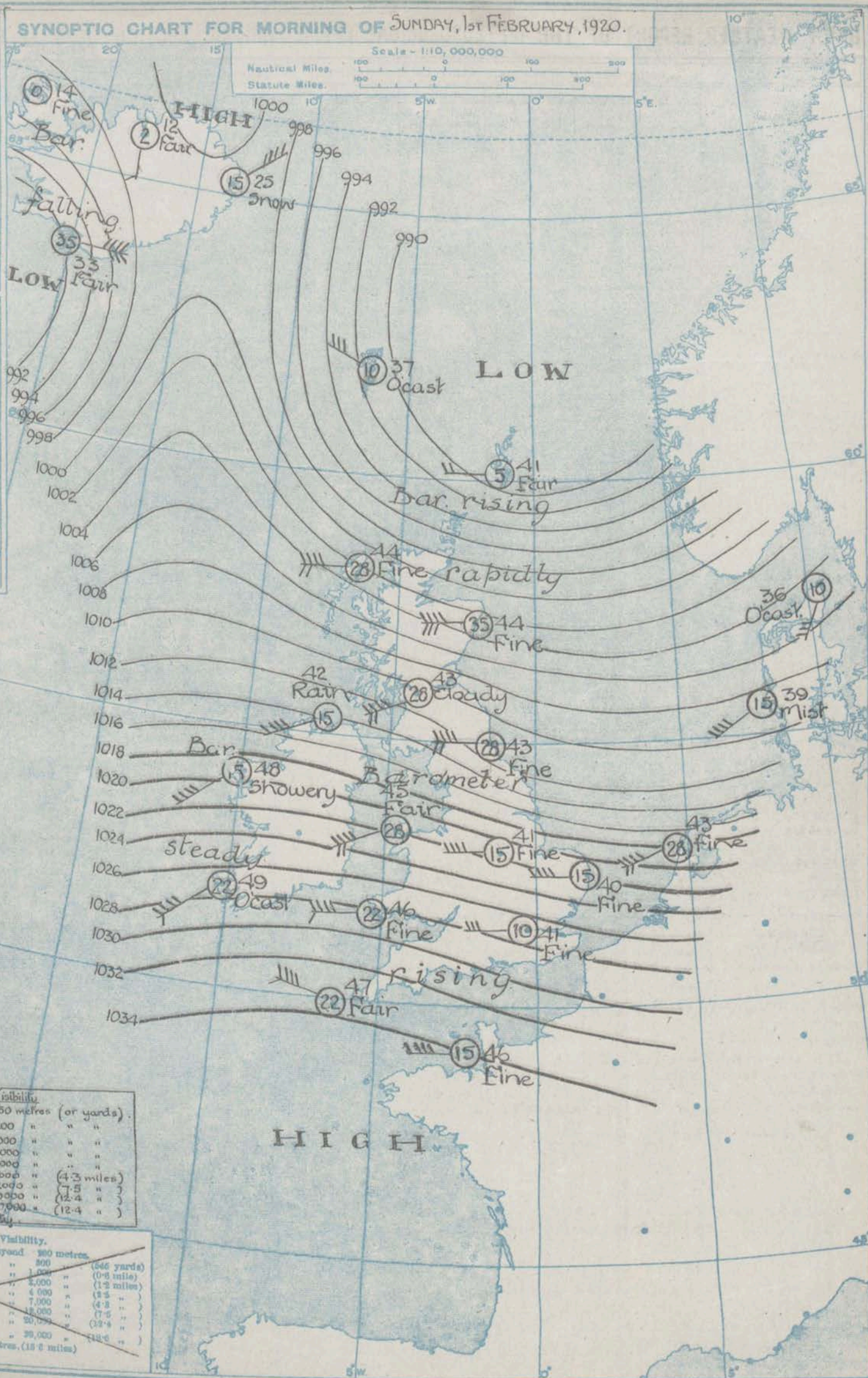
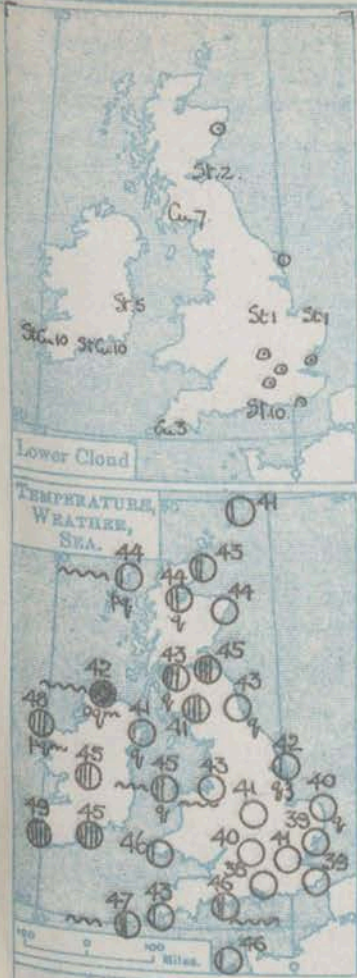
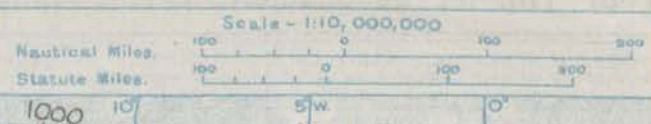
## Further Outlook.

Unsettled with winds between S.W. and N.W. generally

Districts.	Forecasts for the 24 hours commencing 3 p.m. Sunday, 1st February, 1920.
1. S.E. England	Moderate or fresh Westerly to South-Westerly winds; fair with good visibility today becoming overcast with showers and indifferent visibility tomorrow. Moderate temperature, becoming rather mild.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Moderate South-Westerly breezes freshening. Cloudy, becoming overcast with low cloud and showers or rain at times.
6. South Wales	Visibility fair to indifferent. Mild.
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	Moderate Westerly breezes backing S.W. or S., and increasing.
13. Isle of Man	Cloudy, squally with showers and good visibility at first, becoming overcast with some rain and indifferent visibility. Rather mild.
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Wind S. to S.W., fresh or strong, high at times. Mainly overcast with showers or rain at times; indifferent visibility. Mild.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	



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



Scale of Surface Visibility.

0	Dense fog.	Objects not visible at 50 metres (or yards).
1	Very bad.	" " " " 200 " " "
2	Bad.	" " " " 1000 " " "
3	Very Poor.	" " " " 2000 " " "
4	Poor.	" " " " 4000 " " "
5	Indifferent.	" " " " 7000 " (4.3 miles)
6	Fair.	" " " " 12000 " (7.5 " )
7	Good.	" " " " 20000 " (12.4 " )
8	Very Good.	Objects visible beyond 20,000 " (12.4 " )
9	Excellent.	Exceptional Visibility.

Scale of Surface Visibility.

0	Very Bad.	Objects not visible beyond 50 metres.
1	Very Poor.	" " " " 100 " (546 yards)
2	Bad.	" " " " 1,000 " (0.6 mile)
3	Very Poor.	" " " " 2,000 " (1.2 miles)
4	Indit.	" " " " 4,000 " (2.5 " )
5	Fair.	" " " " 7,000 " (4.3 " )
6	Good, above ord.	" " " " 12,000 " (7.5 " )
7	Vy. gd. unusual.	" " " " 20,000 " (12.4 " )
8	Keop. good	" " " " 30,000 " (18.6 " )
9	Objects visible beyond 30,000 metres, (18.6 miles)	



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No 32...B

Sunday,  
1st FEBRUARY.

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 31st FEBRUARY.																	
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 12h-9h.	Day. 9h-12h.	Sunrise to Sun-set.			Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 12h-9h.	Day. 9h-12h.	Sunrise to Sun-set.
						mm.	mm.	31.5							mm.	mm.	31.5
Scotland.	Oban ... ..								England, N.W.	Douglas (I.O.M.)							
	Banff ... ..	g.bc.	bc.c.op	47	34	0.1	1	1.3		Blackpool ... ..							
	Montrose ... ..									Southport ... ..	or	bc.ch.b.	46	38	6	4	0.7
	St. Andrews ... ..	*	*														
England, N.E.	Harrogate ... ..	or.	or.b.bc.b	41	35	6	4	0.7	Midlands.	Buxton ... ..							
	Scarborough ... ..	or	o	47	37	3	4	0.4		Leamington Spa ... ..			51	38	0.3	1	1.3
	Skegness ... ..									Malvern ... ..	m.bc.	cq.bc.b	52	39	0.2	1	1.4
										Ross-on-Wye ... ..	c.or.c.	c.bc	55	41	3	1	1.6
England, E.	Lowestoft ... ..								Wales.	Rhyl ... ..							
	Felixstowe ... ..	ogmr	ogqr	53	41	0.3	1	0.0		Colwyn Bay ... ..	*	*	54	38	3	7	1.1
	Southend-on-Sea ... ..	ofd	o.c.bc	53	39	0.2	-	0.0		Llandudno ... ..	r	c	54	38	3	7	1.1
										Aberystwyth ... ..	r.ro.	c.o.	50	42	6	4	1.0
England, S.E.	Tunbridge Wells ... ..	omdo	od.o	52	38	1	1	0.0	England, S.W.	Weymouth ... ..							
	Margate ... ..	or.	o	54	40	1	0.1	0.0		Teignmouth ... ..							
	Ramsgate ... ..									Torquay ... ..							
	Folkestone ... ..	f	f	48	40	1	1	0.0		Paignton ... ..	odq	og.bc.b	54	46	5	1	1.8
	Hastings ... ..	fr.	a.c.	50	40	1	1	0.0		Penzance ... ..							
	Eastbourne ... ..	om	d.o.c	52	41	1	0.1	0.0		Newquay ... ..							
	Brighton ... ..									Bude ... ..							
	Worthing ... ..	o	o.c.	50	40	1	-	0.0		Ilfracombe ... ..							
	Littlehampton ... ..	ogd	d.bc	50	40	2	1	0.0		Weston-s-Mare ... ..							
	Bournemouth ... ..	*	*	52	41	2	1	0.5		Bath ... ..	o.ch	c.bc.bh	57	42	1	1	0.7
	Ventnor (I. of W.)	*	*	50	41	2	0.3	0.0									

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.			THE BEAUFORT SCALE OF WIND FORCE.		
STATIONS.		WEATHER.					Max. Temp. F.		Min. on Grass. F.	Rainfall.		Sun. Hours.	Limits of Velocity at about 30 feet above ground.		
		7h-13h	13h-19h	19h-24h	1h-7h	7h-13h	F.	F.		Day. 7h-13h.	Night. 19h-24h.				
						mm.				mm.	mm.		No.	Statute miles per hour.	Meters per second.
Eskdalemuir ... ..		odm.or.g.o.c.f.h.m.	b.b.c.c.p.m.	44	34	32	44	34	32	4	4	0.2	0	Less than 1	Less than 0.3
Valencia (Cahirciveen) ... ..		ch.hg.bc	ch.hg.	49	39	36	49	39	36	2	1	2.9	1	1-8	0.3-1.5
Baldonnell ... ..		q.r.	q.r.s.	50	35		50	35					2	4-7	1.6-2.8
Anglesey (Llangefni) ... ..													3	8-12	3.4-5.4
Falmouth ... ..		rq.cq.	bc.bq.	52	41	34	52	41	34	3	1	1.6	4	13-18	5.6-7.9
Calshot (Hants) ... ..		r.	bc.c.	52	39	37	52	39	37	-	-	0.3	5	19-24	8.0-10.7
Lymington (Folkestone) ... ..													6	25-31	10.8-13.8
Aberdeen ... ..		omgr.o.c.	cm.bsq.	43	35	34	43	35	34	3	-	1.2	7	32-38	13.0-17.1
East Fortune ... ..		r.g.	q.b.bc.	47	31		47	31					8	39-46	17.2-20.7
Flamborough Head ... ..		r.g.	q.b.	49	38		49	38					9	47-54	20.8-24.4
Felixstowe ... ..		bc.cq.	q.h.	58	43		58	43					10	55-63	24.5-28.4
Cranwell (Lincs) ... ..		r.g.	c.o.bc.c	51	37		51	37					11	64-75	28.5-33.5
Shoeburyness ... ..		o.od.	od.c.bc.	55	38	0.2	55	38	0.2	0.2	0.0		12	Above 75	33.6 or above
Benson ... ..		o	bcq.b.	54	37		54	37		0.1	0.4		SYMBOLS - Aurora ☆ Solar halo ⊙ Rime ⊠ Lunar halo ⊞ Glazed frost ∞ Solar corona ⊙ Glazed roads ⊞ Lunar corona ⊞		
London (Kew Obsy.) ... ..		od.og.	o.od.bc.	54	40	35	54	40	35	1	Trace	0.0			

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.					
	24 HOURS ENDED 9h G.M.T. 187							YESTERDAY.	TO-DAY.		Vertical Component of Solar Radiation per Square Centimetre during yesterday*	1 <sup>ST</sup> AND 2 <sup>ND</sup> FEBRUARY, 1920			
												Stations.	Sunrise.	Noon.	Sunset.
Greenwich (Royal Observatory)	o	o.c.	c.bc.b.	55	38	31	-	0.0	85	71		G.M.T.	G.M.T.	G.M.T.	
City (Bunhill Row)	*	*	*	*	*	*	*	*	*	*					
Westminster (St. James's Park)	*	*	*	*	*	*	*	*	*	*					
" (Admiralty Arch)	omr.og.	odm.g.d.c	b	56	41	*	Trace	0.0	56	41	Total ..... Joules.	Yarmouth...	7.38	12.7	4.36
Camden Sq. (British Rainfall)	og.o.	o	*	55	38	31	0.3	*	86	76		Greenwich	7.36	12.7	4.28
Kensington Palace	o	o. bc	*	55	40	31	0.3	*	74 (18)	75	Milliwatts.	Wick	7.41	12.14	4.47
Hampstead.	or	or.b.cq	bc.cq.b	53	37	28	1	0.1	8	77		Average Rate.	Valencia	7.39	12.14
											Maximum Rate.		8.21	12.26	4.31
													8.19	12.26	4.33
													8.25	12.55	5.27
													8.23	12.55	5.27

## NOTES ON THE WEATHER OF YESTERDAY.

Fair weather spread over the country from the West of Ireland in the morning to the Eastern districts in the evening. The heaviest rainfall was experienced in Scotland. At Eskdalemuir 18mm fell over the 24 hours ended 7 a.m. At Stornoway 15mm fell.

Sunshine records were generally poor. Birr Castle had most with 3.3 hours. In East and South-East England only Bournemouth with 0.5 hours, reported any bright sunshine.

Temperature reached 55° F at Ross-on-Wye. The minimum thermometer fell as low as 32° F at Malin Head at night.





## AIR MINISTRY.

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

BRITISH SECTION.

No 21,256 B

MONDAY, 27<sup>th</sup> FEBRUARY....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. 0-10.	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. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.																					
			Dir.	Force						Form.	Amt.	Form.	Amt.				Dir.	Force						Form.	Amt.																								
			13H. G.M.T. of ...										18H. G.M.T. of ...																																				
Eskdalemuir ...	1019.0	+4	SW	6	orm	43	87	4	1 1/2-2000	Nb	10	ci	3	*	1019.0	0	SW	8	orm	44	87	5	-	St. Cu	10	-	-	*																					
Valencia (Cahire'n)	1027.8	0	SW	5	c	49	92	7	1 1/2-2000	cu	5	ci	3	*	1026.8	-1	SW	5	o	49	87	6	1 1/2-2000	St.	10	-	-	2																					
Baldonnel ...	1023.6	-1	SW	6	bc	50	92	4	2-3000	St. Cu	4	cu	2	*	1024.2	+2	SW	5	og	47	77	4	1 1/2-2000	St. Cu	10	-	-	*																					
Anglesey (Llangefni)																																																	
Falmouth ...	1035.8	+1	W	6	cg	43	65	6	-	cu	8	-	-	*	1036.3	+2	SSW	5	og	48	45	6	-	St	10	-	-	*																					
Calshot (Hants) ...	1033.8	+5	WSW	4	o	50	75	6	1-1500	St	10	-	-	3	1035.5	+2	WSW	4	b	48	87	4	2-3000	St	1	a. St	2	3																					
Capel (Folkestone)																																																	
Aberdeen ...	1010.4	+1	SW	2	c	48	55	7	-	-	-	A. St	7	3	1009.8	0	SW	4	bc	49	65	7	-	St. Cu	4	St. Cu	3	3																					
East Fortune ...	1014.1	-1	W	8	bc	48	75	7	1 1/2-2000	St. Cu	3	ci. St	3	*	1014.9	0	W	7	cg	50	82	-	1 1/2-2000	St. Cu	7	-	-	*																					
Flamborough Hd.	1022.5	+5	WSW	6	o	47	75	7	2-3000	St. Cu	8	A. St	1	4	1024.4	+4	SW	5	o	46	75	5	1-1500	St. Cu	10	-	-	*																					
Felixstowe ...	1031.0	+3	WSW	4	q	49	82	8	1 1/2-2000	St	2	A. Cu	7	4	1032.3	+1	SW	4	c	48	65	4	1 1/2-2000	St	3	a. St	6	3																					
Cranwell (Lines)	1026.6	+3	WSW	5	b	49	75	8	4-5000	St	1	ci	1	*	1028.2	+2	SW	6	o	47	75	7	2-3000	St. Cu	10	-	-	*																					
Shoeburyness ...	1031.7	+6	WSW	4	b, ci	48	75	6	-	-	-	ci. St	2	*	1033.8	+4	WSW	3	o	46	75	6	2-3000	St. Cu	5	a. Cu	4	*																					
Benson ...	1031.2	+3	WSW	4	c	50	75	6	-	-	-	-	-	*	1032.6	0	WSW	3	bc	45	75	6	-	cu	2	-	-	*																					
London (Kew Obs.)	1032.7	+3	WSW	4	om	48	75	5	3-4000	St. Cu	9	-	-	*	1034.1	+1	SW	3	o	48	75	5	2-3000	St. Cu	9	-	-	*																					
1H. G.M.T. of ...											7H. G.M.T. of ...																																						
Eskdalemuir ...	1021.5	+4	SW	5	o	44	87	3	-	Nb	10	-	-	*	1020.9	+0	SSW	5	odm	43	98	3	1-1000	St.	10	-	-	*																					
Valencia (Cahire'n)	1024.5	0	SW	4	om	49	*	*	*	*	*	*	*	*	1022.3	-1	SSW	6	o	52	98	5	1-1000	St.	10	-	-	*																					
Baldonnel ...															1021.8	-3	SSW	7	og	48	98	3	1-1500	St.	7	A. St	3	*																					
Anglesey (Llangefni)																																																	
Falmouth ...	1035.5	-1	SW	5	og	48	75	6	-	St	10	-	-	*	1034.4	0	SW	6	o	47	75	6	-	st.	10	-	-	*																					
Calshot (Hants) ...	1036.0	0	WSW	3	o	47	87	3	1 1/2-2000	St	9	-	-	3	1035.5	0	WSW	2	o	46	87	3	1 1/2-2000	St.	10	-	-	3																					
Lymington (Folkestone)																																																	
Aberdeen ...	1015.1	-1	SW	7	bc	49	75	-	1 1/2-2000	St	2	ci	4	*	1009.9	+2	SW	7	b	49	75	7	-	st. cu	1	-	-	4																					
East Fortune ...	1025.3	0	WSW	7	o	42	75	4	1-1500	St. Cu	10	-	-	*	1015.7	+1	SW	5	bc	49	82	-	2-3000	St. Cu	5	-	-	*																					
Flamborough Hd.	1029.0	0	WSW	5	o	47	75	8	1 1/2-2000	St. Cu	10	-	-	*	1023.7	0	WSW	6	c	46	75	6	1 1/2-2000	St. Cu	7	A. St	1	*																					
Felixstowe ...															1033.8	+1	SW	3	o	46	75	4	1 1/2-2000	St. Cu	8	A. St	2	*																					
Cranwell (Lines)															1028.6	+1	WSW	5	o	46	75	7	1-1500	St. Cu	8	A. St	2	*																					
Shoeburyness ...															1033.3	0	WSW	5	o	45	75	8	1 1/2-2000	St. Cu	9	-	-	*																					
Benson ...															1032.3	-1	SW	4	o	46	75	7	-	cu	10	-	-	*																					
London (Kew Obs.)	1033.7	0	*	*	*	*	*	*	*	*	*	*	*	*	1033.8	0	SW	3	om	48	75	5	2-3000	St. Cu	10	-	-	*																					
STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.																																																	
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		WEATHER.	BAROMETER.		TEMPERATURE.		WIND.		Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force																				
			at M.S.L. mb.	Change in 3 hours.		Temp. °F.	Change in 24 hours.	Dir.	Force	Dir.	Force																			Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force
			18H. G.M.T. of ...																											7H. G.M.T. of ...										24 HOURS ENDED 7H. ...									
Lerwick ...	1000.9	42	S	3	om	999.5	+3	42	W	3	-	om	3	6	49	40	6cm	om	om	om	om	om	om	om	om	om	om	om	om	om																			
Stornoway ...	1001.9	50	W	8	og	1003.0	+4	46	W	6	-	og	5	9	52	-	og	og	og	og	og	og	og	og	og	og	og	og	og	og																			
Castlebay (Barra's)	1007.5	49	SW	6	op	1007.6	+1	48	W	5	-	op	6	3	50	42	op	op	op	op	op	op	op	op	op	op	op	op	op	op																			
Glasgow ...	1017.1	47	SW	4	o	1015.9	0	46	W	4	-	od	4	9	47	40	og	og	og	og	og	og	og	og	og	og	og	og	og	og																			
Malin Head ...	1010.3	50	SW	5	cg	1011.1	0	50	W	5	-	om	5	1	51	42	og	og	og	og	og	og	og	og	og	og	og	og	og	og																			
Blacksod Point	1015.5	51	WSW	7	cg	1014.1	0	51	W	4	-	om	5	2	51	45	og	og	og	og	og	og	og	og	og	og	og	og	og	og																			
Roche's Point...	1028.9	49	SW	5	o	1026.7	-1	49	W	5	-	om	6	1	51	45	og	og	og	og	og	og	og	og	og	og	og	og	og	og																			
Birr Castle ...	1023.9	49	SW	3	c	1021.2	*	52	W	3	-	o	3	-	52	44	og	og	og	og	og	og	og	og	og	og	og	og	og	og																			
Donaghadee ...	1020.1	49	WSW	3	om	1018.5	-1	49	W	5	-	om	4	0.3	52	40	bc	om	om	om	om	om	om	om	om	om	om	om	om	om																			
Liverpool (Bidston)	1026.4	48	SW	6	o	1026.3	0	46	W	5	-	om	5	-	50	43	-	og	og	og	og	og	og	og	og	og	og	og	og	og																			
Holyhead ...	1025.4	47	SW	7	og	1025.3	-2	47	W	6	-	og	5	Trace	48	44	bc. c. op	og	og	og	og	og	og	og	og	og	og	og	og	og																			
Pembroke (St. Ann's)	1031.5	46	SW	5	o	1030.0	-1	48	W	5	-	og	5	-	49	45	bc.	og	og	og	og	og	og	og	og	og	og	og	og	og																			
Scilly (St. Mary's)	1035.1	49	SW	4	c	1034.0	-1	49	W	3	-	og	5	-	50	43	c. bc	c. o. c	c. o. c	c. o. c	c. o. c	c. o. c	c. o. c	c. o. c	c. o. c	c. o. c	c. o. c	c. o. c	c. o. c																				
Jersey (St. Aubin)	1039.0	49	W	4	o	1037.9	0	46	W	4	-	og	3	-	50	45	bc. o	c	c	c	c	c	c	c	c	c	c	c	c	c																			
Portland Bill ...	1035.5	47	WSW	6	c	1034.5	-2	46	W	6	-	og	6	0.2	49	44	bc. o	o	o	o	o	o	o	o	o	o	o	o	o	o																			
Dungeness ...	1034.2	46	WSW	5	bc	1034.2	0	47	W	5	-	og	4	-	48	38	bc	bc. c	bc. c	bc. c	bc. c	bc. c	bc. c	bc. c	bc. c	bc. c	bc. c	bc. c	bc. c	bc. c																			
Wick ...	1004.0	46	WSW	3	c	1002.6	+3	46	W	4	-	om	4	2	48	40	bc. om	om	om	om	om	om	om	om	om	om	om	om	om	om																			
Nairn ...	1006.5	48	WSW	7	r	1005.4	*	51	W	7	-	og	4	2	51	40	bc. og	og	og	og	og	og	og	og	og	og	og	og	og	og																			
Leith ...	1014.1	50	W	7	o	1014.1	0	49	W	6	-	og	4	1	50	42	cu. op. c	op. c	op. c	op. c	op. c	op. c	op. c	op. c	op. c	op. c	op. c	op. c	op. c	op. c																			
Tynemouth ...	1019.0	49	W	2	bc	1017.5	0	50	W	5	-	bc	4	-	51	41	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc																			
Spurn Head ...	1024.9	47	SW	4	c	1025.4	0	46	W	6	-	og	4	-	47	36	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc																			
Yarmouth (Gorleston)	1029.7	48	W	4	c	1030.3	0	46	W	5	-	og	3	-	48	38	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc																			
Clacton-on-Sea	1032.3	46	WSW	4	bc	1032.8	0	46	W	3	-	og	3	-	49	39	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc																			
Nottingham ...	1028.0	49	W	4	o	1028.1	*	48	W	5	-	og	3	-	50	40	bc. c	c. o	c. o	c. o	c. o	c. o	c. o	c. o	c. o	c. o	c. o	c. o	c. o	c. o																			

Information for these columns not usually received.

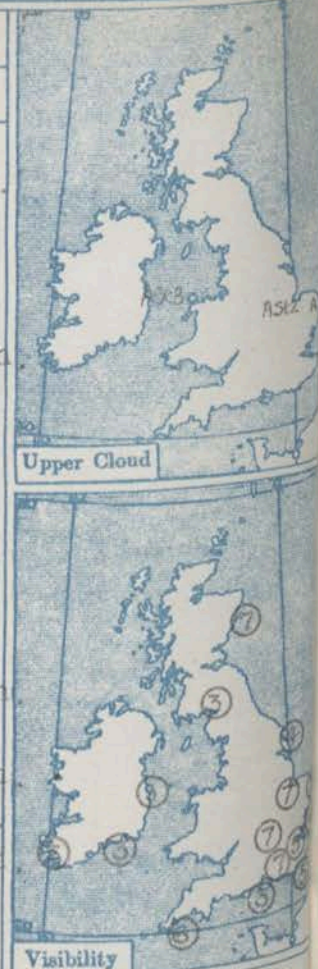
\* The barometric change is expressed in half millibars.

† Longside at 1h.



# SUMMARY OF CONDITIONS AT 7 A.M. Monday, 2nd February, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW-W. 10-15.	R. mild.	Dull.	Good.	Slight.
2. E. England	SW-W. 10-15.	"	Dull, squally.	"	"
3. E. Midlands	W. 10-15.	Mild.	Dull.	Fair.	"
4. W. Midlands	SW-W. 10-15.	"	Dull.	"	"
5. S.W. England	SW. 10-20.	R. mild.	Dull, squally.	Good.	R. rough.
6. South Wales	S. 15-20.	"	Dull.	Fair.	"
7. North Wales	SW-W. 15-20.	"	Dull, squally.	Indiff.	"
8. N.W. England	SW-W. 10-15.	"	Dull.	"	"
9. N. Midlands	W. 10-15.	"	Dull.	Fair.	Mod.
10. N.E. England	W. 15-20.	Mild.	Dull.	"	"
11. E. Scotland	SW. 20-40.	"	Dull, misty, squally.	Good.	"
12. S.W. Scotland	S. 15-20.	R. mild.	Dull.	Indiff.	"
13. Isle of Man	S-SW. 25-30.	"	Dull, squally.	"	R. rough.
14. N. & N.W. Scotland	SW-W. 15-30.	Mild.	Dull, squally.	Fair.	Mod.
15. Hebrides	W. 25-30.	R. mild.	Showery, squally.	Indiff.	R. rough.
16. Orkneys and Shetlands	SW. 15-30.	R. mild.	Showery, squally.	"	Rough.
17. N.W. Ireland	S.W. 15-20.	R. mild.	Dull.	Fair.	R. rough.
18. N.E. Ireland	SW-S. 15-20.	"	Dull, squally, misty.	Indiff.	Mod.
19. S.E. Ireland	S. 15-30.	"	Misty, squally.	Poor.	Rough.
20. S.W. Ireland	S. 15-25.	"	Dull, misty.	Fair.	R. rough.



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

With pressure highest to the South of the British Isles and lowest over the Icelandic region the main wind current will continue between S. and W. and the weather mild and unsettled.

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

Districts.	Forecasts for the 24 hours commencing 3 p.m. Monday, 2nd February, 1920.
1. S.E. England	Wind S. or S.W. veering later towards W., moderate or fresh stronger locally. Much low cloud generally, some drizzle. Fairer intervals. Visibility fair or good. Continuing mild.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Wind S. or S.W., veering later., fresh or strong. Mainly overcast, some showers or drizzle, mist at times on Coast. Visibility generally poor. Mild.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Wind between W. and E., fresh to moderate. Mainly overcast, some rain. Visibility indifferent to fair. Mild.
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	Wind between S. and W., fresh or strong, dull generally, some mist, rain or drizzle. Visibility poor. Mild.
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Wind between S. and S.W. or W., fresh or strong. Mainly overcast, some rain or drizzle, mist at times on Coast. Visibility poor. Mild.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Further Outlook.

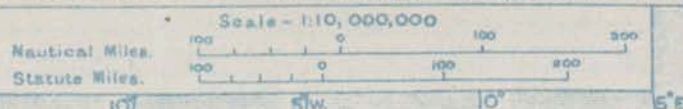
Little change in the general conditions.



Scale - 1:10,000,000

Nautical Miles. 100 0 100 200

Statute Miles. 100 0 100 200



Scale of Surface Visibility			
0	None for eye or glass.	Objects not visible at	50 metres (or yards)
1	Very poor.	" " " "	200 " " "
2	Poor.	" " " "	1000 " " "
3	Very poor.	" " " "	2000 " " "
4	Indifferent.	" " " "	3000 " " "
5	Poor.	" " " "	7000 " (4.5 miles)
6	Good.	" " " "	12000 " (7.5 " )
7	Very good.	" " " "	20000 " (12.4 " )
8	Excellent.	Objects visible beyond	20000 " (12.4 " )
9	Exceptional.	Exceptional visibility	

Scale of Surface Visibility.				
	Objects not visible beyond	800 metres.	(545 yards)	
1. Very Bad	"	"	"	"
2. Very Poor	"	"	"	"
3. Poor	"	"	"	"
4. Indist.	"	"	"	"
5. Fair	"	"	"	"
6. Good, above ord.	"	"	"	"
7. Y. gd., unusual	"	"	"	"
8. Except good	"	"	"	"
9. Objects visible beyond	30,000 metres, (18 1/2 miles)			



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 33. B

Monday  
24 February

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.	Day.	Sunrise to Sun- set.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night.	Day.	Sunrise to Sun- set.
						12h-6h.	6h-12h.								12h-6h.	6h-12h.	
Scotland.						mm.	mm.		England, N.W.								
	Oban ... ..			50	38	4	-	3.8		Douglas (I.O.M.)							
	Banff ... ..	b. bc	bc							Blackpool ... ..							
	Montrose ... ..									Southport ... ..	bc.c.o	o	49	41	-	-	0.0
	St. Andrews ... ..	*	*														
England, N.E.									Midlands.								
	Harrogate ... ..									Buxton ... ..							5.0
	Scarborough ... ..	*	*							Leamington Spa...	*	*	51	37	-	-	
	Skegness ... ..									Malvern ... ..							
										Ross-on-Wye ... ..	c. bc	b. bc	52	39	?	-	6.4
England, E.									Wales.								
	Lowestoft ... ..	bc.c	c	48	39	1	-	4.5		Rhyl ... ..	c	bc	52	41	-	-	3.2
	Felixstowe ... ..	bc	bc	49	40	-	-	4.1		Colwyn Bay ... ..	*	*	52	41	-	-	2.0
	Southend-on-Sea...	b	bc.c.o	49	37	-	-	4.6		Llandudno ... ..	-	-	50	41	-	-	2.9
										Aberystwyth ... ..							
England, S.E.									England, S.W.								
	Tunbridge Wells	b	b. bc	50	36	-	-	4.4		Weymouth ... ..							
	Margate ... ..									Teignmouth ... ..							
	Ramsgate ... ..									Torquay ... ..	b. bc	b. bc	50	39	1	-	5.9
	Folkestone ... ..	*	*	50	37	-	-	3.9		Paignton ... ..	bc.	bc.c	51	38	1	-	5.8
	Hastings ... ..	b	o. bc	49	37	0.3	-	3.5		Penzance ... ..	o.c. bc.o	bc.c.o	51	46	1	-	1.3
	Eastbourne ... ..	b. bc	c.o.c. bc	48	40	-	-	4.3		Newquay ... ..	o	bc.c.o	51	41	0.6	-	1.6
	Brighton ... ..	b. bc.c	c. bc.c	48	39	-	-	4.9		Bude ... ..							
	Worthing ... ..	b. bc	bc.c	49	37	-	-	4.6		Ilfracombe ... ..							
	Littlehampton ... ..									Weston-s-Mare ... ..							
	Bournemouth ... ..	*	*	51	38	1	-	5.2		Bath	b. bc	c.o	52	37	-	-	4.0
	Ventnor (I. of W.)	-	-	48	39	Trace	-	3.6									

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 Gages. °F.	RAINFALL.		Sun. Hours.		
	7h-12h.1. <sup>st</sup>	12h-12h.1. <sup>st</sup>	12h.1. <sup>st</sup> -12h.2. <sup>nd</sup>	12h.2. <sup>nd</sup> -7h.				Day. 7h-12h.	Night. 12h-7h.			
								mm.	inches.			
Eskdalemuir ... ..	cg. or form.	or mv. or form.	cg. or mv. or form.	or mv. or form.	45	38	41	2	1	0.0	b blue sky (not more than a quarter covered).	
Valencia (Cahiriveen) ...	oc. cp	c. op	o. oc. o		52	48	47	1	1	0.8	bc sky partly cloudy (one half covered).	
Baldonnel ... ..	bc. cg	rg		pdg.	-	-	-	-	-	-	c generally cloudy (three quarters covered).	
Anglesey (Llangefni) ...											d drizzle, or fine rain.	
Falmouth ... ..	bc. cg	cg. og	og. b. og	og	51	42	43	-	-	2.1	e wet air without rain falling.	
Calshot (Hants) ... ..	b. bc	b. bc	c. o	b. bc	51	41	41	-	-	?	f fog. g gloom.	
Capel (Folkestone) ...											h hail. i lightning.	
Aberdeen ... ..	bg. bc. c	b. bc	bg. b. g		51	43	45	-	-	5.5	m mist. o overcast sky.	
East Fortune ... ..	g. bc. c	f. g.	g. w	bc. cg	50	43	-	-	-	-	p passing showers.	
Flamborough Head ...	g. bc. c	c. og	c. og	og	50	42	-	-	-	-	q squalls. r rain.	
Felixstowe ... ..	b. bg. c	w. bc. c.		pr. h. om	49	39	-	-	-	-	rs sleet, i.e., rain and snow together.	
Cranwell (Lincs) ...	b. b. bc	c. o	c. o	o. c	50	40	-	-	-	-	s snow. t thunder.	
Shoeburyness ... ..	b. bz	bc. c. o			50	38	34	-	-	5.3	u ugly, threatening sky.	
Benson ... ..	bc	o. bc		c. o	50	39	39	-	-	-	v unusual visibility.	
London (Kew Obs.) ...	bg. c. o	o. bc. c			49	40	41	0.1	-	5.6	w dew. x hoar frost.	


LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.					
	24 HOURS ENDED 9h G.M.T. ... 2 <sup>nd</sup> ...								YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	2 <sup>nd</sup> 3 <sup>rd</sup> February 1920			
												Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Greenwich (Royal Observatory)	b.	bc.c.o	o	51	42	35	-	5.2	69	72	Total ..... 36.9 ..... Joules.	Yarmouth...	7.36	12.7	4.38
City (Bunhill Row) ...	*	*	*	*	*	*	*	-	*	*		Greenwich	7.35	12.7	4.39
Westminster (St. James's Park)	*	*	*	51	41	34	-	-	83	78	Average Rate. 11.3	Wick ...	7.38	12.6	4.35
" (Admiralty Arch)	bm.bc	bc.q	ca.q	51	43	*	-	4.5	67	73			Valencia ...	8.10	12.55
Camden Sq. (British Rainfall)	-	-	*	50	41	36	-	*	-	73	Maximum Rate. 28		8.17	12.56	5.27
Kensington Palace ...	bc.o	o	*	51	42	42	-	*	18.72	72			8.23	12.55	5.22
Hampstead. obsy ...	o	o	o	49	38	32	-	4.8	*	79		8.21	12.55	5.22	

### NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose to about 50° in nearly all parts of the Kingdom and the minimum readings of the night were also high. Bright sunshine records were good over the Southern half of England and at some stations in the E. of Scotland, very poor in Ireland, the W. of Scotland and the N.W. of England. Rain fell in the North, but except at Stornoway and Glasgow (9. m.m.) the quantity was slight.

\* Information for these columns not usually received.





## AIR MINISTRY.

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

BRITISH SECTION.

No 2457B

TUESDAY, 3<sup>RD</sup> FEBRUARY, 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. 0-10.	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. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.
			Dir.	Force						Form.	Amt.	Form.	Amt.				Dir.	Force						Form.	Amt.			
			0-12.	0-12.						0-10.	0-10.	0-10.	0-10.				0-12.	0-12.						0-10.	0-10.			
12H. G.M.T. 2nd													12H. G.M.T. OF 2nd															
Eskdalemuir ...	1020.4	-1	SSW	5	omc	45	98	3	1-1000	St	10	-	-	*	1019.5	0	SSW	5	odf	44	98	2	1-1000	Nb	10	-	-	*
Valencia (Cahiro'n)	1022.2	-1	SSW	7	o	54	98	5	1-1000	St	10	-	-	5	1022.1	0	SSW	6	odf	53	92	6	1-1500	St	10	-	-	5
Baldonnel ...	1021.5	0	SSW	7	oq	48	?	1	1-1500	St. Cu	5	-	-	*	1022.10	+1	SSW	6	oq	52	92	5	1-1000	St	8	A. St	1	*
Anglesey (Llangefni)																												
Falmouth ...	1034.4	0	SW	6	oq	49	82	6	-	St. Cu	5	-	-	*	1033.6	+1	SSW	2	o	47	92	6	1-2000	St	10	-	-	*
Calshot (Hants) ...	1036.3	-1	SW	3	o	49	87	6	2-3000	St	10	-	-	3	1035.4	+1	SW	3	o	49	82	5	1-2000	St	10	-	-	3
Lymington (Folkestone)																												
Aberdeen ...	1011.0	+1	SW	6	bc	54	75	8	-	F. Cu	4	Ci. Cu	1	4	1011.3	0	SSW	3	bc	52	75	7	-	F. Cu	4	Ci. Cu	2	3
East Fortune ...	1015.7	-2	WSW	6	c	55	75	7	2-3000	F. Cu	4	Ci. St	4	*	1015.7	0	SW	3	c	52	82	-	2-3000	St. Cu	4	Ci	3	*
Flamborough Hd.	1024.8	0	SW	6	oq	47	82	6	2-3000	St	7	A. St	2	*	1024.8	0	SW	7	odf	47	87	6	1-1000	St	10	-	-	+
Felixstowe ...	1033.7	-1	SW	5	o	49	75	4	1-1500	St	5	-	-	4	1033.8	+2	S	2	o	44	82	4	1-1500	St	2	-	-	4
Cranwell (Lincs)	1025.3	-1	SW	6	o	48	75	5	2-3000	St	5	A. St	5	*	1025.0	+2	SSW	6	o W	47	82	?	2-3000	St	4	A. St	6	*
Shoeburyness ...	1032.7	-1	SW	4	bc	51	75	8	4-5000	St. Cu	2	A. St	3	*	1033.5	+1	W	1	bc	46	75	6	-	-	-	A. St	6	*
Benson ...	1032.8	+1	SW	4	o	49	75	7	-	-	-	-	-	*	1032.6	0	SW	4	o	47	82	6	-	-	-	-	-	*
London (Kew Obs.)	1024.3	-1	WSW	4	o	50	65	8	2-3000	St. Cu	5	-	-	*	1034.1	+1	SW	4	o	48	75	7	2-3000	St. Cu	4	A. Cu	3	*
1H. G.M.T. OF 3rd													7H. G.M.T. OF 3rd															
Eskdalemuir ...	1019.5	0	SW	7	ofc	45	98	2	1-1000	St	10	-	-	*	1017.4	-2	SSW	7	odm	45	98	3	1-1000	St	10	-	-	*
Valencia (Cahiro'n)	1019.6	0	SSW	6	bcq	52	?	?	?	?	?	?	?	*	1018.2	-1	S	6	o	52	92	5	1-2000	St	10	-	-	*
Baldonnel ...	1021.2	0	SSW	6	bcq	50	92	4	4-5000	St. Cu	2	A. Cu	1	*	1018.9	-2	SW	7	c	50	98	3	1-1500	St. Cu	6	A. St	2	*
Anglesey (Llangefni)																												
Falmouth ...	1032.8	0	SSW	3	o	47	92	6	-	St	10	-	-	*	1031.0	-1	SW	2	o	47	92	7	-	St. Cu	9	-	-	*
Calshot (Hants) ...	1033.7	-1	WSW	2	o	47	98	3	1-2000	St	10	-	-	3	1033.1	-1	SW	2	o	45	92	4	1-1500	St	10	-	-	3
Lymington (Folkestone)																												
Aberdeen ...	1014.5	+1	SW	6	bcq	53	87	-	2-3000	St. Cu	2	Ci. Cu	2	*	1010.2	+2	SSW	5	c	52	82	7	-	F. Cu	8	-	-	3
East Fortune ...	1025.4	0	SW	5	bcq	45	92	6	1-2000	St	4	-	-	4	1013.1	-1	SW	7	bc	51	82	5	2-3000	St	3	-	-	*
Flamborough Hd.	1033.3	0	SSW	1	bc	43	92	5	-	-	-	-	-	*	1023.5	-3	SW	6	oq	44	92	4	3-4000	St. Cu	6	A. St	3	*
Felixstowe ...	1028.5	-1	SW	5	c	46	92	8	1-3000	St	2	A. Cu	4	*	1032.2	-1	SSW	2	c	42	92	4	1-1000	St	3	A. St	4	3
Cranwell (Lincs)																												
Shoeburyness ...																												
Benson ...																												
London (Kew Obs.)	1033.1	0	SW	3	bc	45	82	5	1-2000	St. Cu	5	A. Cu	1	*	1031.7	0	SW	3	bc	45	82	5	1-2000	St. Cu	5	A. Cu	1	*
STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.																												
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		WEATHER.	BAROMETER. at M.S.L. mb.	TEMPERATURE. Temp. °F.	CHANGE in 24 hours.	WIND.		Dir. of Upper Cloud.	Weather.	Sea.	Rainfall mm.	TEMP.			WEATHER.			Sunshine Hours.							
			Dir.	Force					Dir.	Force					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.									
			0-12.	0-12.					0-12.	0-12.																		
12H. G.M.T. OF 2nd													7H. G.M.T. OF 3rd															
Lerwick ...	1004.9	45	SW	3	om	1005.5	0	38	NE	1	-	omr	1	11	45	38	omr	omr	omr	*								
Stornoway ...	1006.3	44	WSW	3	or	1002.3	-2	48	SW	4	-	omr	4	18	48	-	omr	omr	omr	0.0								
Castlebay (Barra)	1007.3	50	SW	5	op	1006.0	0	49	SW	5	-	op	6	2	51	45	op	op	op	0.0								
Glasgow ...	1015.8	50	SSW	5	odm	1014.6	-1	49	SSW	4	-	o	*	3	52	46	odp.c	odm	rm.opg	0.0								
Malin Head ...	1010.0	52	SW	5	c	1008.2	-1	50	S	4	-	omd	4	1	53	49	cq	cq	omd	1.9								
Blackhead Point	1012.5	52	SW	4	omr	1010.9	+2	50	WSW	6	-	omr	6	11	52	47	omr	omr	omr	*								
Roche's Point ...	1026.4	50	SW	6	omr	1023.4	0	50	SW	5	-	o	5	4	50	48	df	df	om	*								
Birr Castle ...	1020.7	55	S	3	c	1018.3	?	52	S	3	-	c	*	-	57	49	c	c	c	0.5								
Donaghadee ...	1017.7	51	SSW	4	omr	1016.6	0	49	S	4	-	bcq	3	-	55	48	omr	omr	bcq	*								
Liverpool (Midston)	1025.1	50	SW	5	c	1023.6	-1	50	SW	5	W	bc	5	-	52	46	c.oq	bc.c	c.oq	0.3								
Holyhead ...	1024.4	48	SW	7	omr	1022.3	-2	47	SW	7	-	omr	5	0.2	48	46	omr	omr	omr	0.0								
Pembroke (St. Ann's Head)	1023.3	47	SW	5	o	1026.6	-1	47	SW	5	-	o	5	-	48	47	o	o	o	0.0								
Scilly (St. Mary's)	1032.9	48	SW	4	o	1029.7	-2	49	SSW	3	-	o	5	-	49	47	c.o	o	c.o	0.0								
Jersey (St. Aubin)	1030.3	47	S	3	b	1023.3	0	36	SW	3	-	b	3	-	51	25	o.bc.o	o.bc.b	bw.x	1.2								
Portland Bill ...	1034.6	48	WSW	6	o	1031.8	?	47	WSW	5	-	o	4	-	50	45	oq	o	d	*								
Dungeness ...	1035.0	47	WSW	4	c	1032.4	-1	45	SW	3	-	b	3	-	49	44	c	c	c.b	*								
Wick ...																												
Nairn ...	1007.2	44	WSW	1	c	1004.6	+2	43	SSE	1	-	omr	2	7	48	38	c.oq	c.oq	bc.oq	*								
Leith ...	1006.5	52	W	6	bc	1005.3	?	52	W	5	-	bcq	3	1	53	49	cq	cq	bcq	0.7								
Tynemouth ...	1013.1	53	WSW	6	bc	1012.6	0	52	WSW	6	W	c	4	-	55	48	cq	bc.c	bc.c	*								
Spurn Head ...	1020.6	50	WSW	3	bcq	1018.7	-3	49	WSW	4	-	bcq	3	-	52	48	bcq	bcq	bcq	*								
Yarmouth (Dorset)	1026.7	48	SW	6	cq	1026.3	0	45	SW	5	-	c	4	-	49	40	cq	cq	c	*								
Clacton-on-Sea	1030.6	47	WSW	4	c	1029.8	0	44	WSW	4	-	ogm	4	-	51	44	cq	cq	cq	0.0								
Nottingham ...	1033.5	45	SW	3	bc	1031.5	-1	42	SW	2	-	b	2	-	50	41	og.o	o.c.bc	bc.b	0.1								
	1028.7	48	SW	5	o	1027.3	?	46	SW	3	SW	o	*	-	49	45	o.o	o	o	0.0								



# SUMMARY OF CONDITIONS AT 7 A.M. Tuesday, 3rd February, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW. 5-15.	R.mild.	Fine, cloudy.	Good.	Slight.
2. E. England	SW-W. 15-20.	"	Cloudy, squally.	Fair.	Mod.
3. E. Midlands	SW. 10-15.	"	Variable.	Good.	-
4. W. Midlands	SW-W. 10-15.	"	Dull.	"	-
5. S.W. England	S-SW. 10-15.	"	Dull.	V.good.	R.rough.
6. South Wales	SW-W. 10-15.	"	Dull.	Good.	"
7. North Wales	S-SW. 20-30.	"	Dull, squally.	Fair.	"
8. N.W. England	S-SW. 15-30.	Mild.	Dull.	Indiff.	Mod.
9. N. Midlands	SW-W. 15-20.	R.mild.	Dull.	Fair.	-
10. N.E. England	SW-W. 10-15.	"	Dull.	"	Slight.
11. E. Scotland	S-W. 20-35.	Mild.	Dull, squally.	Var.	"
12. S.W. Scotland	S-SW. 15-25.	"	Dull, some drizzle.	Poor.	"
13. Isle of Man	S-SW. 20-30.	"	Cloudy, squally.	Indiff.	Mod.
14. N. & N.W. Scotland	SW-W. 15-25.	"	Cloudy, squally.	Var.	"
15. Hebrides	SW. 15-20.	"	Dull, rainy, squally.	Fair.	"
16. Orkneys and Shetlands	Var., light.	Normal.	Dull, rainy, misty.	Poor.	Smooth.
17. N.W. Ireland	SW-W. 25-30.	R.mild.	Dull, rainy, squally.	Indiff.	Rough.
18. N.E. Ireland	S. 10-20.	Mild.	Dull, squally, some drizzle.	Var.	Mod.
19. S.E. Ireland	S-SW. 15-30.	"	Cloudy,	Indiff.	R.Rough.
20. S.W. Ireland	S. 25-30.	"	Dull.	Fair.	Rough.

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

There are no indications of any important modification in the general character of the weather. Mild South-Westerly breezes are likely to continue, with much cloud generally, while local irregularities in barometric pressure will cause occasional drizzle in the N. and W.

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

Further Outlook.

Districts.	Forecasts for the 24 hours commencing 3 p.m.
1. S.E. England	Wind mainly S.W., light or moderate, fresh at times locally. Much low cloud generally, some brighter intervals. Visibility fair. No great change of temperature, probably falling slightly.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Wind S. or S.W., moderate or fresh, stronger locally. Mainly overcast, cloud low, drizzle and mist at times. Visibility indifferent. Little change of temperature.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Same as 1 - 4.
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	Wind S. or S.W., light or moderate, overcast generally, some mist and drizzle. Visibility poor. Mild.
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Wind S. or S.W., moderate or fresh, stronger locally. Mainly overcast, local mist and drizzle. Visibility poor generally. Mild.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

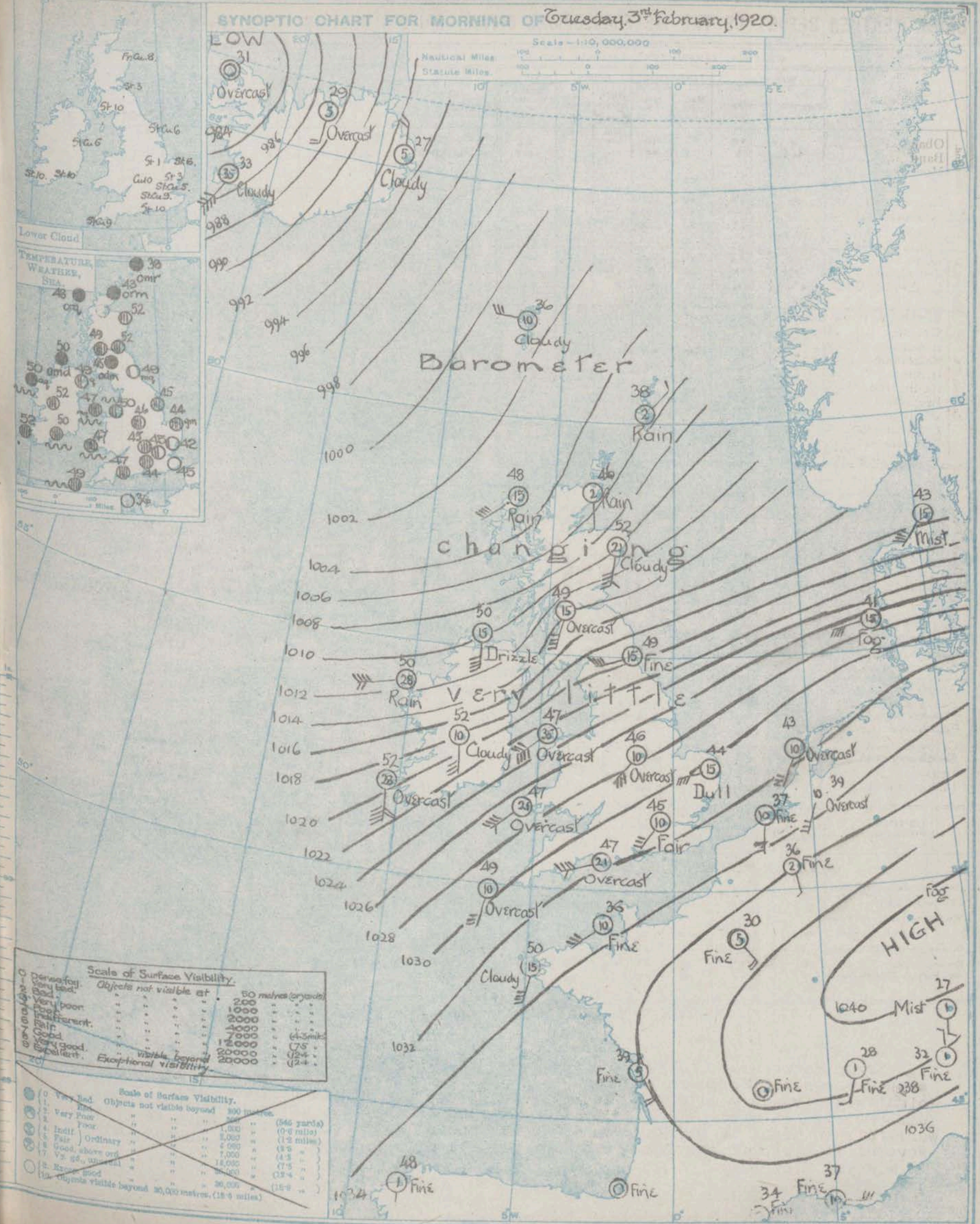
Similar conditions continuing.



# SYNOPTIC CHART FOR MORNING OF Tuesday, 3<sup>rd</sup> February, 1920.

Scale - 1:10,000,000

Nautical Miles  
Statute Miles



## Scale of Surface Visibility.

Objects not visible at	50 metres (or yards)
Dense fog, very bad.	200
Bad.	1000
Very poor.	2000
Poor.	4000
Indifferent.	7000
Fair.	12000
Good.	20000
Very good.	30000
Excellent.	40000

## Scale of Surface Visibility.

Objects not visible beyond	300 metres.
Very poor.	1,000 (546 yards)
Poor.	2,000 (0.6 miles)
Indiff.	3,000 (1.2 miles)
Fair.	4,000 (2.5 miles)
Good, above avg.	5,000 (3.1 miles)
Very good, unusual.	7,000 (4.3 miles)
Excellent.	10,000 (6.2 miles)
Very good.	15,000 (9.3 miles)
Excellent.	20,000 (12.4 miles)



WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 2 <sup>nd</sup>																	
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night, 18h-9h.	Day, 9h-18h.	Sunrise to Sun- set. 2 <sup>nd</sup>			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night, 18h-9h.	Day, 9h-18h.	Sunrise to Sun- set. 2 <sup>nd</sup>
						1 <sup>st</sup> -2 <sup>nd</sup>	2 <sup>nd</sup>								1 <sup>st</sup> -2 <sup>nd</sup>	2 <sup>nd</sup>	
						mm.	mm.								mm.	mm.	
Scotland.	Oban ... ..	*	or	52	46	4	9	0.0	England, N.W.	Douglas (I.O.M.)							
	Banff ... ..	bc.b	b	58	49	-	-	6.5		Blackpool ... ..	*	o	48	44	-	-	0.0
	Montrose ... ..									Southport ... ..	o.c.o	o	50	46	-	-	0.0
	St. Andrews ... ..	*	*	54	47	-	-	4.6									
England, N.E.	Harrogate ... ..	o	op	48	45	-	0.3	0.0	Midlands.	Buxton ... ..							
	Scarborough ... ..	*	o	51	47	-	-	0.0		Leamington Spa... ..	*	*	49	45	-	-	0.0
	Skegness ... ..	o	o.bc	50	44	-	-	0.0		Malvern ... ..	o	o	47	45	-	-	0.0
										Ross-on-Wye ... ..	c.o.m	c.g.o	48	43	-	-	0.0
England, E.	Lowestoft ... ..	c.o	o.c	51	44	-	-	0.3	Wales.	Rhyl ... ..	c	c.bc	52	45	-	-	1.3
	Felixstowe ... ..	o.g.m	bc	49	46	-	-	0.1		Colwyn Bay ... ..	*	*	51	47	-	-	0.0
	Southend-on-Sea... ..	o.c.bc	bc	50	42	-	-	1.6		Llandudno ... ..	*	*	55	47	-	-	0.8
										Aberystwyth ... ..	no.c	c.o	49	44	1	-	0.0
England, S.E.	Tunbridge Wells	o	o	48	43	-	-	0.0	England, S.W.	Weymouth ... ..	o.c	c.o	50	48	-	-	0.0
	Margate ... ..	c	c	51	41	-	-	0.3		Teignmouth ... ..							
	Ramsgate ... ..	*	o	48	41	-	-	0.3		Torquay ... ..	o	o	50	48	0.1	-	0.0
	Folkestone ... ..	o	o	47	44	-	-	0.0		Paignton ... ..	o	o	50	47	-	-	0.0
	Hastings ... ..	o	o	48	45	-	-	0.0		Penzance ... ..	o.c	o	51	48	-	-	0.0
	Eastbourne... ..	c.o	o	49	46	-	-	0.3		Newquay ... ..	*	*	49	46	-	-	0.0
	Brighton ... ..	o	o	48	45	-	-	0.0		Bude ... ..	b	o	50	44	-	-	0.0
	Worthing ... ..	o	o	48	46	-	-	0.0		Ilfracombe ... ..	o	o	50	48	-	-	0.0
	Littlehampton ... ..	og	og	47	41	-	-	0.0		Weston-s-Mare ... ..	bc.c	c	51	47	-	-	0.2
	Bournemouth ... ..	*	*	49	41	-	-	0.0		Bath ... ..	o.c	o	52	47	-	-	0.1
	Ventnor (I. of W.)	*	*	48	46	-	-	0.0									

SUMMARIES FOR PAST 24 HOURS.											BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.		
STATIONS.	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	RAINFALL.		Sun. Hours.	Used only for surface observations.				
	7h-13h 2nd.	13h-18h 2nd.	18h-24h 2nd.	1h-7h 3rd.				Day. 7h-18h.	Night. 18h-7h.		No.	Limits of Velocity at about 30 feet above ground.			
								mm.	mm.			Statute miles per hour.	Metres per second.		
Eskdalemuir ... ..	od.b.c.m.	od.b.c.m.	od.b.c.m.	od.m.g.	47	42	42	3	1	0.0	b blue sky (not more than a quarter covered).	0	Less than 1	Less than 0.8	
Valencia (Cabrilsveen) ...	od.o	od.o	od.o	od.o	54	52	50	-	1	0.0	bc sky partly cloudy (one half covered).	1	1-2	0.3-1.5	
Baldonnel ... ..	q.p.c.	q.p.c.	q.b.c.	c.o.g.	54	48	48	2	2	0.0	c generally cloudy (three quarters covered).	2	4-7	1.6-2.8	
Anglesey (Llangefni) ...											d drizzle, or fine rain.	3	8-12	3.4-5.4	
Falmouth ... ..	c.b.c.o.g.	o.g.o	o	o	50	46	44	-	-	0.6	e wet air without rain falling.	4	12-18	5.5-7.9	
Calshot (Hants) ... ..	o	o	o	c.o	49	44	41	4	4	0.0	f fog.	5	19-24	8.0-10.7	
Capel (Folkestone) ...											g gloom.	6	25-31	10.9-13.8	
Aberdeen ... ..	b.b.c.g.	bc.g.	bc.g.	bc.g.	55	49	48	-	-	2.7	h hail.	7	32-38	13.0-17.1	
East Fortune ... ..	q.v.	bc.g.	bc.g.	bc.g.	55	45	45	-	-	0.0	i lightning.	8	39-46	17.2-20.7	
Flamborough Head ...	c.g.	bc.g.	bc.g.	bc.g.	48	44	44	-	-	0.0	m mist.	9	47-54	20.8-24.4	
Felixstowe ... ..	c.g.	c.g.	c.g.	c.g.	50	40	40	-	-	0.0	n overcast sky.	10	55-63	24.5-28.4	
Cranwell (Lines) ...	o.g.	o.g.	c.o	bc.c.b.c.	50	43	43	-	-	0.0	p passing showers.	11	64-75	28.6-32.6	
Shoeburyness ... ..	o.c.b.c.	bc	bc	bc.c	51	39	34	-	-	1.2	q squalls.	12	Above 75	33.0 or above	
Benson ... ..	o	o	o	o	50	44	40	-	-	0.0	r rain and snow together.				
London (Kew Obs.) ...	o	o.c	o.c	o.c.b.c.	50	44	38	-	-	0.0	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.				
											Suffices 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 2=heavy. Underlining is used to express continuity.				

LONDON. OBSERVATIONS.		WEATHER.			Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
		Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.					
24 HOURS ENDED 9h G.M.T. 3rd										YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	3rd & 4th February, 1920			
														Stations.	Sunrise.	Noon.
Greenwich (Royal Observatory)	o	o.c	c	52	42	33	-	0.0	70	80	Total.....278..... Joules.  Milliwatts.	Yarmouth...	7.35	12.7	4.39	
City (Bunhill Row) ...	*	*	*	*	*	*	*	0.2	*	*						Greenwich
Westminster (St. James's Park)	*	*	*	51	44	36	-	0.0	68	80	Average Rate. 8.4 Maximum Rate. 25	Wick	8.17	12.26	4.37	
(Admiralty Arch)	omg	emg	em-am	51	45	*	-	0.0	73	82						Valencia ...
Camden Sq. (British Rainfall)	o	o	*	51	43	37	-	*	-	73	Wick	8.15	12.26	4.37		
Kensington Palace ...	o	o	*	51	44	36	-	*	-	84					Valencia ...	8.19
Hampstead Observatory...	o	c.o	o	49	42	35	-	0.1	*	81						





## AIR MINISTRY.

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

BRITISH SECTION.

No. 2488 B

WEDNESDAY, 4<sup>TH</sup> FEBRUARY 1920.

## OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 15H.

STATIONS.	Barom. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	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. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud		Sea		
			Dir.	Force						Form.	Amt.	Form.	Amt.				Dir.	Force						Form.	Amt.	Form.	Amt.			
			13H. G.M.T. 3 <sup>rd</sup>										18H. G.M.T. OF 3 <sup>rd</sup>																	
Eskdalemuir ...	1016.6	-1	SW	1	om	45	91	4	1-1000	St	10	-	-	-	1019.4	+2	WSW	5	0	40	82	6	-	St	10	-	-	-		
Valencia (Cahire'n)	1022.4	+3	WSW	3	0	46	92	7	1-2000	St	2	1	St	8	1025.2	+5	W	3	0	47	75	8	2-4000	F. Cu	3	A. St	7	-		
Baldonnel ...	1019.5	0	WSW	3	0	48	97	4	2-1000	Nb	10	-	-	-	1023.4	+4	SW	3	0	43	92	4	1-1500	St	10	-	-	-		
Anglesey (Llangefni)																														
Falmouth ...	1029.6	-3	SW	3	0	52	92	6	-	St Cu	10	-	-	-	1029.4	0	SW	3	0	49	98	3	-	St	10	-	-	-		
Calshot (Hants) ...	1031.9	-1	SW	4	0	49	87	8	1-2000	St Cu	10	-	-	-	1031.6	0	SW	3	0	47	92	4	2-3000	St	10	-	-	3		
Lymington (Folkestone)																														
Aberdeen ...	1010.7	+1	SW	4	C	54	65	7	-	F. Cu	7	C. Cu	8	3	1013.8	+3	SSW	3	b. c.	46	55	6	-	St. Cu	6	-	-	3		
East Fortune ...	1014.6	+3	WSW	6	0	49	87	6	2-3000	Nb	10	-	-	-	1016.8	+2	WSW	4	c. q.	45	75	6	2-3000	St. Cu	3	A. St	5	-		
Flamborough Hd.	1028.1	-2	SW	5	b	48	75	3	-	-	-	AS	1	-	1022.6	+1	SW	5	b. c.	47	87	3	1-2000	St. Cu	4	A. St	1	-		
Felixstowe ...	1031.2	-4	SSW	2	b. c.	48	75	5	1-1500	St Cu	4	-	-	-	1030.3	+1	SW	2	b.	43	98	6	-	-	-	-	-	-		
Cranwell (Lincs)	1026.0	-1	SSW	6	c. q.	53	75	7	3-4000	St Cu	6	-	-	-	1026.2	0	SSW	5	b. c.	49	82	7	2-3000	St. Cu	6	-	-	-		
Sheeburnness ...	1030.9	-3	SW	2	b. c.	50	75	7	-	-	-	C. St	4	-	1031.0	+1	SW	1	c	44	82	7	2-3000	St. Cu	7	-	-	-		
Benson ...	1028.8	-2	SSW	5	b.	51	75	6	-	-	-	-	-	-	1028.3	0	SW	4	0	47	87	7	-	St	8	-	-	-		
London (Kew Obs.)	1030.7	-2	SW	4	0	60	82	7	2-3000	St Cu	8	AS	2	-	1030.0	0	SW	3	b	47	92	6	-	-	-	-	-	-		
1H. G.M.T. OF 4 <sup>th</sup>															7H. G.M.T. OF 4 <sup>th</sup>															
Eskdalemuir ...	1023.7	+5	WSW	4	0	39	75	8	-	St	5	A. Cu	4	-	1027.4	+3	WSW	4	b	35	75	8	2-3000	Cu	2	-	-	-		
Valencia (Cahire'n)	1029.9	+4	W	2	b. c.	44	-	-	-	-	-	-	-	-	1033.1	+2	WSW	3	b	44	65	8	-	Cu	3	-	-	-		
Baldonnel ...																														
Anglesey (Llangefni)																														
Falmouth ...	1030.2	0	SW	5	od. q.	49	98	4	-	Nb	10	-	-	-	1032.2	+2	N	3	0	44	92	7	-	St. Cu	10	-	-	-		
Calshot (Hants) ...	1031.3	0	SW	4	0	44	98	4	1-2000	St	10	-	-	-	1032.3	0	SW	3	od	48	98	2	1-2000	Nb	10	-	-	3		
Lymington (Folkestone)																														
Aberdeen ...																														
East Fortune ...	1021.0	+4	WSW	5	b. q.	42	82	6	-	-	-	A. Cu	1	-	1021.6	+6	WSW	5	b	41	65	7	-	-	-	-	-	-		
Flamborough Hd.																														
Felixstowe ...	1029.1	0	SW	2	0	43	98	4	1-1500	St Cu	2	A. Cu	7	2	1031.5	+1	WSW	2	0	44	98	4	1-1500	St	10	-	-	-		
Cranwell (Lincs)	1027.0	+2	WNW	4	0	44	98	7	1-2000	Nb	10	-	-	-	1030.3	+4	WSW	2	c	39	98	6	2-3000	St	4	A. Cu	4	-		
Sheeburnness ...																														
Benson ...																														
London (Kew Obs.)	1030.0	0	SW	4	0	60	82	7	2-3000	St Cu	8	AS	2	-	1030.0	0	SW	3	b.	47	92	6	-	-	-	-	-	-		
STATIONS CONTRIBUTING REPORTS AT 7H. AND 15H.																														
STATIONS.	Barom. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	Barometer. at M.S.L. mb.	Change in 3 hours.	TEMPERATURE.		WIND.	Direc. of Upper Cloud.	Weather.	Sea.	Rainfall mm.	TEMP.			WEATHER.			Sunshine Hours.									
			Dir.	Force				Temp.	Change in 24 hours.						Max. °F.	Min. °F.	Morning.	Afternoon.	Night.											
			18H. G.M.T. of 3 <sup>rd</sup>															7H. G.M.T. of 4 <sup>th</sup>												
Lerwick ...	1001.2	42	SW	10	omg	1008.1	+12	41	+3	NW	10	NW	omg	5	6	47	38	omg	om	omg	-									
Stornoway ...	1009.2	40	WSW	6	ophy	1020.2	+7	40	-8	W	3	-	bc	2	4	49	-	c. o. p.	c. o. p.	c. p. h. bc	0.2									
Castlebay (Barra Is)	1012.5	42	SW	5	bc	1024.1	-	42	-7	SW	4	-	bc	4	0.6	49	41	o. p. o.	o. bc	o. bc. o. p.	0.0									
Glasgow ...	1017.5	44	WSW	3	omg	1026.2	+5	39	-10	WSW	3	-	r	3	49	36	od. p.	od. p.	omg	0.0										
Malin Head ...	1015.9	42	SW	3	c	1024.5	+3	40	-10	SW	2	SW	c	4	2	50	38	om	c	cp	0.0									
Blackod Point ...	1020.5	43	WNW	3	bc	1028.9	+5	42	-8	WNW	2	-	cm	3	1	51	35	bc	bc	bc. cm	-									
Roche's Point ...	1025.4	42	W	2	0	1033.6	+4	37	-13	WNW	1	-	b	3	3	51	37	omd	md. bc	o. b	-									
Birr Castle ...	1023.0	44	SW	1	0	1031.1	-	33	-19	W	1	-	c	8	6	52	33	or. od.	o. ro	cx	0.0									
Donaghadee ...	1019.7	45	WSW	2	om	1028.4	+5	35	-14	WSW	2	-	bm	2	3	50	33	omg	om	bcm	-									
Liverpool (Midston)	1023.2	50	SW	5	c	1030.7	+4	42	-8	W	4	W	bc	3	3	54	41	c. bc	bc	ro. bc	2.1									
Holyhead ...	1022.6	45	W	5	om	1030.9	+2	42	-5	W	4	-	b	3	5	49	46	c. f. eq.	odm. or	od. c. b	0.0									
Pembroke (St. Ann's Head)	1025.7	48	SSW	5	0	1033.0	+3	42	-5	WNW	1	-	o	4	2	49	42	o. c	og	od. o. c.	0.1									
Silly (St. Mary's)	1028.7	49	SW	2	om	1032.8	+2	46	-3	NNE	3	-	c	4	2	51	45	o. c	c. om	odm. e	0.2									
Jersey (St. Aubin)	1032.9	45	S	3	oem	1032.8	0	47	+11	SW	2	-	o	2	Trace	47	35	b. bc. o	oem	bw. o	1.3									
Portland Bill ...	1031.4	48	WSW	4	0	1021.1	-	47	0	WSW	4	-	fe	4	0.2	50	45	o. bc	bc. o	ofe	-									
Dunegness ...	1031.2	45	SW	2	c	1030.8	0	46	+1	WSW	4	-	o	3	-	48	44	bc	bc	c. bc. o	-									
Wick ...																														
Nairn ...	1009.1	40	WSW	4	bc. q.	1017.0	+8	38	-5	W	2	-	bc	3	1	49	38	om. bc	bc. q.	bc. q. p.	-									
Leith ...	1012.0	40	W	3	c	1021.6	-	38	-14	W	2	-	bc	2	1	52	35	bc	bc. q.	cp. bc	4.0									
Tynemouth ...	1016.3	46	WSW	2	c	1024.9	+3	38	-14	SW	3	-	c	2	-	54	38	c. q. w. c.	c. bc. q.	c. q. o. s.	-									
Spurn Head ...	1019.0	51	W	4	omg	1027.0	+2	39	-10	W	3	-	bm	2	1	53	39	omg	bc. q.	omg. bc. q.	-									
Yarmouth (G. L. S. S.)	1023.6	48	S	4	b	1028.9	+4	43	-2	WNW	5	-	c	3	-	49	49	c	bc	a	-									
Clacton-on-Sea	1027.3	45	SSW	3	bc	1029.8	+2	44	0	NNW	2	-	omd	2	Trace	49	42	og. bc. o	bc. o	bc. o. d.	3.7									
Nottingham ...	1030.4	44	SW	3	b	1030.2	0	45	+3	SW	2	NW	cm	2	-	47	41	b. bc. cm	c. bc. b	bc. cm	4.2									
	1025.3	50	SW	4	c	1031.5	-	40	-6	SW	1	SW	cm	1	1	53	39	o. c	c. bc	c	2.0									

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ Longitude at 1°.



# SUMMARY OF CONDITIONS AT 7 A.M. Wednesday, 4th February, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW-W 5-15	Mild	Dull, misty, some drizzle.	Indiff.	Slight
2. E. England	Var. 0-5	R.Mild	Dull.	"	Smooth
3. E. Midlands	Var. 0-5	"	Variable, fine to dull.	Fair	"
4. W. Midlands	Var. 0-5	"	Variable, fine to dull.	"	"
5. S.W. England	N-W 10-15	Normal	Dull, some fog.	Good	Mod.
6. South Wales	N-W 0-5	"	Dull.	"	"
7. North Wales	W 10-15	"	Fine to fair.	"	Slight
8. N.W. England	W 10-15	R.Mild	Fine to fair.	V.Good	"
9. N. Midlands	W 10-15	"	Fair generally.	"	"
10. N.E. England	W 10-20	"	Fine to fair.	"	Slight
11. E. Scotland	SW-W 15-25	Normal	Fair to fine.	"	"
12. S.W. Scotland	SW-W 10-15	"	Variable, some rain.	Good.	Smooth
13. Isle of Man	W 10-15	"	Fine, slight haze.	"	Slight
14. N. & N.W. Scotland	W 5-10	"	Fair.	"	"
15. Hebrides	W 10-15	R.Mild	Fair.	Fair.	"
16. Orkneys and Shetlands	W-NW 30-50	"	Dull, squally, showery.	Indiff.	Rough
17. N.W. Ireland	NW-W 0-5	R.Cool	Dull, some mist.	"	Slight
18. N.E. Ireland	W-SW 0-5	"	Dull to fair.	"	Mod.
19. S.E. Ireland	W 0-5	Cool	Fair.	Good	Slight
20. S.W. Ireland	SW-W 5-10	R.Cool	Fine.	V.Good	"



**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 degrees.  
 TEMPERATURE.—Isobars are drawn at intervals of two millibars.  
 WEATHER SYMBOLS.—  
 ☉ clear sky. ☁ sky & clouds. ☂ rain. ☄ overcast sky. ☂ rain. \* snow. ▲ hail. ☂ fog. T thunder. E thunder.  
 SEA DISTURBANCE.—Rough. High.

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

A very small secondary depression now causing slight rain in S.E. England will travel away or disperse. Over the Kingdom generally the weather will be rather colder than of late for a time, with winds between W. and N.W., a cloudy to variable sky and some local showers.

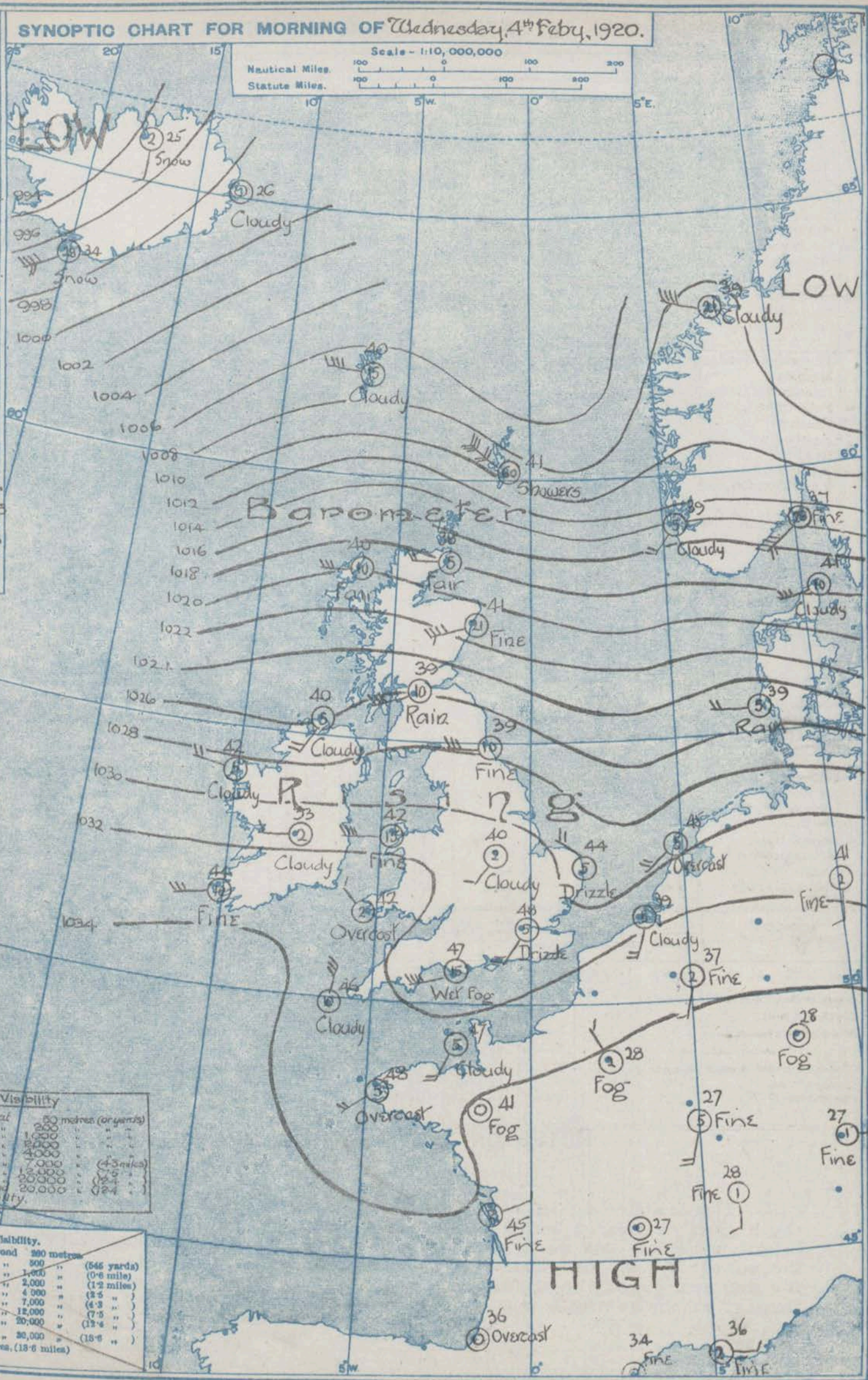
Districts.	Forecasts for the 24 hours commencing 3 p.m. <u>Wednesday, 4th February, 1920.</u>
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind mainly between W. and N.W., light. Cloudy or variable sky, some local showers. Visibility fair to good. Temperature falling somewhat, slight frost inland at night.
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N.&N.W.Scot-land 15. Hebrides 16. Orkneys and Shetlands	Wind N.W. or W. falling light. Mainly fair, local showers of rain or sleet. Visibility fair to good. Temperature falling. Frost inland at night.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind W. and N.W., backing later to S.W., light or moderate. Fair, dull at times, local showers. Visibility fair to good. Colder than of late.



SYNOPTIC CHART FOR MORNING OF Wednesday, 4<sup>th</sup> Feby, 1920.

Scale - 1:10,000,000

Neautical Miles.  
Statute Miles.



TEMPERATURE  
WEATHER,  
SEA

TEMPERATURE  
WEATHER,  
SEA

sky ☉ clouds ☁  
 rain ☔  
 fog ☁  
 thunder ☳  
 High ☀

### Outlook.

between

W. F.

type

Scale of Surface Visibility			
Very poor.	Objects not visible at	50 metres (or yards)	
Poor.	" " " "	200	" " "
Fair.	" " " "	1,000	" " "
Good.	" " " "	2,000	" " "
Very good.	" " " "	10,000	" " "
Excellent.	" " " "	100,000	" " "
	Visible beyond	12,000	(+5 miles)
	Exceptional visibility.	20,000	(+15 " )
		20,000	(+24 " )

Scale of Surface Visibility.			
	Objects not visible beyond		
0	Very Bad	200 metres	
1.	Bad		
2.	Very Poor	500 "	(546 yards)
3.	Poor	1,000 "	(0.6 mile)
4.	Indif. " Ordinary	2,000 "	(1.2 miles)
5.	Fair	4,000 "	(3.5 "
6.	Good, above ord.	7,000 "	(4.3 "
7.	Vy. gd., unusual	12,000 "	(7.5 "
8.	Excep. good	20,000 "	(12.4 "
9.	Objects visible beyond	30,000 "	(18.6 "
10.		20,000 metres, (13.6 miles)	



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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h.	Day. 9h-12h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h.	Day. 9h-12h.	Sunrise to Sunset.
Scotland.								England, N.W.							
Oban ... ..	*	o	48	37	12	-	0.0	Douglas (I.O.M.)							
Banff ... ..	c-bc	b-bc	48	45	-	-	1.0	Blackpool ... ..	*	c-or	52	44	-	1	2.0
Montrose ... ..	*	*						Southport ... ..	c-bc	b-c-or	49	48	-	1	3.4
St. Andrews ... ..	*	*													
England, N.E.								Midlands.							
Harrogate ... ..	c-bc-b	b-bc-c	52	45	0.2	-	4.4	Buxton ... ..							2.0
Scarborough ... ..	a	bc	53	46	-	-	2.7	Leamington Spa ... ..	c-b	c-b	56	45	-	-	2.0
Skegness ... ..	b	b	51	46	-	-	5.4	Malvern ... ..	c-bc	bc-c	53	45	-	-	2.0
								Ross-on-Wye ... ..	c-c-o	c-bc	54	44	-	-	1.6
England, E.								Wales.							
Lowestoft ... ..	a-c-bc	bc-b	49	43	-	-	3.7	Rhyl ... ..	c-p	c-bc-c	52	43	-	0.2	3.1
Felixstowe ... ..	bc	bc	49	42	-	-	4.7	Colwyn Bay ... ..	*	*	52	48	-	-	3.7
Southend-on-Sea ... ..	b	bc-c-o	52	39	-	-	3.1	Llandudno ... ..	c-c	bc-p	57	48	-	0.2	4.3
								Aberystwyth ... ..	c-o	c-o	54	48	trace	-	0.4
England, S.E.								England, S.W.							
Tunbridge Wells ... ..	b-bc-b	bc-o	51	39	-	-	3.2	Weymouth ... ..	c-c-o	o	50	47	-	-	0.0
Margate ... ..	b-bc	b	51	40	-	-	0.1	Teignmouth ... ..							
Ramsgate ... ..	*	bc	48	39	-	-	6.1	Torquay ... ..	c	c	51	46	-	-	0.0
Folkestone ... ..	b	bc-o	49	42	-	-	5.7	Paignton ... ..	c	c	52	46	-	-	0.0
Hastings ... ..	b	b-bc-o	49	42	-	-	6.0	Penzance ... ..	c-o	o	51	48	-	-	0.2
Eastbourne ... ..	bc	bc-c	50	43	-	-	6.0	Newquay ... ..	c	o	52	46	-	-	0.7
Brighton ... ..	b-bc-o	b-bc-o	48	44	-	-	4.0	Bude ... ..	o	b	50	45	-	-	0.2
Worthing ... ..	q-bc	o	50	43	-	-	3.4	Ilfracombe ... ..	o	o	54	47	-	-	0.0
Littlehampton ... ..	bc	bc-or	48	45	-	-	3.3	Weston-s-Mare ... ..	c-bc	bc-c	53	44	-	-	0.2
Bournemouth ... ..	*	*	50	46	-	-	0.8	Bath ... ..	b-bc-c	c-bc-o	55	46	-	-	4.7
Ventnor (I. of W.) ... ..	*	*	50	43	-	-	2.3								

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 <sup>3rd</sup>	12h-18h <sup>3rd</sup>	18h <sup>3rd</sup> -1h <sup>4th</sup>	1h-7h <sup>4th</sup>				Day. 7h-18h	Night. 18h-7h				Statute miles per hour.	Metres per second.
Eskdalemuir ... ..	o-dm o-m	o-m o-dm o	o	o.c.b.c.b	46	30	31	7	-	0.0	b blue sky (not more than a quarter covered).		0	Less than 1
Valencia (Cabrilsveen) ... ..	or.pd	or.p.o		c.b.c.b	52	43	39	4	-	0.0	bc sky partly cloudy (one half covered).	1	1-3	0.3-1.5
Baldonnel ... ..	gr	or									c generally cloudy (three quarters covered).	2	4-7	1.0-2.3
Anglesey (Llangefnau) ... ..											d drizzle, or fine rain.	3	8-12	2.4-5.4
Falmouth ... ..	o	o.o	em dm	odr	52	43	42	-	2	0.3	e wet air without rain falling.	4	13-18	3.6-7.9
Calshot (Hants) ... ..	bc.c.o	o	o	o	49	45	35	-	-	1.9	f fog. g gloom.	5	19-24	5.0-10.7
Capel (Folkestone) ... ..											h hail. i lightning.	6	25-31	10.8-13.8
Aberdeen ... ..	cq	c.bz	bcz.bq		54	39	34	-	-	1.9	m mist. o overcast sky.	7	32-38	13.9-17.1
East Fortune ... ..	r.3	q.b.c	q. W	bc.c	53	37					p passing showers.	8	39-46	17.2-20.7
Flamborough Head ... ..	q.b.c	q.b.c									q squalls. r rain.	9	47-54	20.8-24.4
Felixstowe ... ..	bc.c	b.b	b.b	o	48	41					rs sleet, i.e., rain and snow together.	10	55-63	24.5-28.4
Cranwell (Lincs) ... ..	c.oq	b.b.c	bc.c	c.op	53	38					s snow. t thunder.	11	64-75	23.5-28.5
Shoeburyness ... ..	bc.c.b	bc.c		c.eem	52	41	36	-	-	3.5	u ugly, threatening sky.	12	Above 76	23.6 or above
Benson ... ..	b	bc		c.od	52	42	41	-	0.2		v unusual visibility.			
London (Kew Obs.) ... ..	bc.m.o	o.b.c	o.odm		50	44	41	-	0.2	1.9	w dew. x hoar frost.			
											y dry air; humidity less than 60 per cent.			
											z dust haze; the turbid atmosphere of dry weather.			

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

**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.

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

**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	1.0-2.3
3	8-12	2.4-5.4
4	13-18	3.6-7.9
5	19-24	5.0-10.7
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	23.5-28.5
12	Above 76	23.6 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 % 15 h. G.M.T. 9 h. G.M.T.	SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.		
	Morning.	Afternoon.	Night.										Stations.	Sunrise.	Noon.
	24 HOURS ENDED 9H G.M.T. 4 <sup>th</sup>														
Greenwich (Royal Observatory)	c-c-o	c-c	od-a-d	51	43	35	2	3.3	76	94	Vertical Component of Solar Radiation per Square Centimetre during yesterday.		Yarmouth ...	7.33	12.7
City (Bunhill Row) ... ..	*	*	*	51	44	38	2	1.3	74	90	Total ... 31.0 Joules.		Greenwich ...	7.31	12.7
Westminster (St. James's Park)	*	*	*	51	44	*	1	1.2	77	91	Milliwatts.		Wick ...	8.15	12.26
" (Admiralty Arch)	om	cm	bc-bom	51	44	*					Average Rate. 9.4		Valencia ...	8.12	12.55
Camden Sq. (British Rainfall)	c-c-bc	bc-o	*	51	43	38	2	*	78	98	Maximum Rate. 37				
Kensington Palace	c-c	b-bc	*	50	43	39	2	*	77	97					
Hampstead Obsy.	o	orm	orm	49	41	37	2	1.2	*	98					

NOTES ON THE WEATHER OF YESTERDAY.

Temperature again rose to 50° or above in most parts of the Kingdom, the highest readings being 56° at Bude and Leamington Spa and 57° at Llandudno. Bright sunshine was more general in the S.E. of England than elsewhere; on the coast of Kent and Sussex the record was about 6 hours. On the S.W. Coast the day was dull. Rain fell in nearly all districts but was not heavy, the largest amounts being 6 m.m. at Lerwick and Birr Castle and 7 m.m. at Eskdalemuir.





## AIR MINISTRY.

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

BRITISH SECTION.

No. 2459 B

THURSDAY, 5<sup>TH</sup> FEBRUARY 1920.

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

OBSERVATIONS AND STATIONS CONTRIBUTING REPORTS AT 7h. AND 13h.																																					
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.									
			Force 0-12.	Dir.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Force 0-12.	Dir.						Form.	Amt. 0-10.												
			Force 0-12.	Dir.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Force 0-12.	Dir.						Form.	Amt. 0-10.												
13h. G.M.T. of 4 <sup>th</sup>																																					
Eskdalemuir ...	1031.7	+1	SW	2	0	38	82	8	2-3000	St Cu	9	-	-	2	1035.0	+4	SW	3	bc	35	92	7	-	St Cu	6	-	-	2									
Valencia (Cahire'n)	1035.3	+2	W	3	bc	45	65	8	2-3000	Cu	5	-	-	3	1036.3	+1	SW	1	b	42	75	8	2-3000	Cu	3	-	-	3									
Baldonnell ...	1034.8	+2	WSW	3	b	44	92	5	3-4000	Fe Cu	1	ASt	1	2	1035.8	+5	WSW	2	b	34	92	4	3-4000	Fe Cu	1	A. Cu	2	2									
18h. G.M.T. of 4 <sup>th</sup>																																					
Anglesey (Llangefnol)	1034.9	0	NE	2	bc	49	65	7	-	St Cu	2	Cu	2	2	1036.8	+3	NNE	3	bc	43	65	3	-	St Cu	2	A. St	1	2									
Falmouth ...	1034.6	+3	NNE	2	od	44	92	4	2-1000	St	10	-	-	8	1036.7	+5	-	0	om	44	87	6	2-3000	St	10	-	-	2									
Calshot (Hants) ...	1034.6	+3	NNE	2	od	44	92	4	2-1000	St	10	-	-	8	1036.7	+5	-	0	om	44	87	6	2-3000	St	10	-	-	2									
Lympne (Folkestone)	1034.6	+3	NNE	2	od	44	92	4	2-1000	St	10	-	-	8	1036.7	+5	-	0	om	44	87	6	2-3000	St	10	-	-	2									
1h. G.M.T. of 5 <sup>th</sup>																																					
Eskdalemuir ...	1038.7	+3	-	0	0x	28	98	5	2-1000	St	10	-	-	2	1038.2	0	-	0	oef	32	98	2	2-1000	St	10	-	-	2									
Valencia (Cahire'n)	1035.9	0	S	3	bc	40	*	*	*	*	*	*	*	2	1032.5	-3	SE	3	b	41	75	8	-	St Cu	2	-	-	3									
Baldonnell ...	1037.4	0	SW	2	bx	7	87	5	-	-	-	-	-	2	1036.3	+1	SE	2	bcx	32	98	5	12-2000	St Cu	4	A. St	2	2									
7h. G.M.T. of 5 <sup>th</sup>																																					
Anglesey (Llangefnol)	1037.1	-1	NNE	2	bx	36	87	9	-	-	-	-	-	2	1035.5	-1	E	4	om	44	87	4	-	St	10	-	-	2									
Falmouth ...	1036.4	+2	ENE	2	0	41	92	3	12-2000	St	10	-	-	3	1038.3	0	ENE	2	bcz	37	92	3	2-3000	St	2	A. St	2	3									
Calshot (Hants) ...	1036.4	+2	ENE	2	0	41	92	3	12-2000	St	10	-	-	3	1038.3	0	ENE	2	bcz	37	92	3	2-3000	St	2	A. St	2	3									
Lympne (Folkestone)	1036.4	+2	ENE	2	0	41	92	3	12-2000	St	10	-	-	3	1038.3	0	ENE	2	bcz	37	92	3	2-3000	St	2	A. St	2	3									
STATIONS CONTRIBUTING REPORTS AT 7h. AND 13h.																																					
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.																
			Force 0-12.	Dir.		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.																	
			Force 0-12.	Dir.		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.																	
13h. G.M.T. of 4 <sup>th</sup>																							7h. G.M.T. of 5 <sup>th</sup>							24 HOURS ENDED 7h. 5 <sup>th</sup>							4 <sup>th</sup>
Lerwick ...	1025.0	39	WSW	5	bcm	1029.4	+3	42	+1	WSW	4	NW	bcm	2	5	47	35	omq	omq	bcm	2.7																
Sternoway ...	1027.2	41	WSW	3	bc	1029.8	0	43	+3	SW	5	-	og	3	2	44	-	bcp	bc	bcp-og	5.1																
Castlebay (Barras)	1030.4	45	W	4	c	1031.2	0	43	7	S	5	S	0	6	-	46	41	-	-	c-bc	3.1																
Glasgow ...	1034.0	40	WSW	3	op	1037.3	0	31	-8	SE	1	-	b	2	1	43	31	op-bc	chp-bc	op-bx	6.9																
Main Head ...	1031.9	42	SSW	2	bc	1032.6	0	37	-3	SW	3	SW	bc	3	-	45	36	bc	bc	bc	7.4																
Blacksod Point	1033.8	43	W	1	bc	1031.2	-2	43	+1	SW	2	-	bc	3	2	46	37	bc	bc	bc	6.1																
Roche's Point...	1037.0	42	-	0	b	1034.9	-1	44	+7	E	4	-	b	4	-	48	35	bc	b	b	5.3																
Birr Castle ...	1035.7	38	SW	1	bc	1034.9	-1	31	-2	W	1	-	bc	2	-	46	30	bc	bc	bcx	7.3																
Donaghadee ...	1034.5	40	W	1	bcm	1036.1	0	32	-3	WSW	1	-	bcm	1	-	47	30	bm	bm	bm	6.7																
Liverpool (Bidston)	1036.7	40	W	3	b	1038.3	0	31	-11	SSE	2	-	bm	2	-	45	31	bc-b	bc	bx	7.4																
Holyhead ...	1036.1	42	WSW	3	b	1037.0	0	35	-7	S	3	-	bx	1	Trace	47	34	b-bc	b-bc	bx	6.1																
Pembroke (St. Ann's Head)	1037.1	40	NNW	1	bv	1036.8	0	37	-5	ENE	3	-	o	3	-	47	34	bv	bv	bv-bc	5.3																
Scilly (St. Mary's)	1036.6	44	ENE	2	bc	1034.5	-2	46	0	SE	5	-	om	4	-	50	42	c-bc	bc	b-bc-om	0.0																
Jersey (St. Aubin)	1034.3	46	S	2	o	1035.0	0	46	-2	E	3	-	o	3	-	49	44	o-o-o	o	o	0.0																
Portland Bill ...	1036.0	45	NE	3	o	1036.4	?	43	-4	NE	4	-	f	4	3	48	40	feor	or	m-f	0.0																
Dungeness ...	1035.4	43	NNE	3	r	1037.0	0	41	-5	E	3	SE	bc	3	1	47	41	od	od-or	or-o-c	0.0																
Wick ...	1027.7	36	SW	2	b	1031.7	0	38	0	SW	2	-	b	1	-	47	33	bc	bc	bc	6.3																
Nairn ...	1029.5	38	W	1	bc	1033.2	0	36	-2	-	0	-	c	1	0.3	44	35	bc-c	c-bcp	bcx	0.0																
Leith ...	1032.6	40	SW	2	b	1036.6	+1	33	-5	E	1	-	bm	2	-	45	32	c-bc-c	b	bcx	0.0																
Tynemouth ...	1033.8	39	W	2	bm	1038.9	+1	31	-8	W	1	-	bf	2	-	47	31	bc	bc	bm	0.0																
Spurn Head ...	1034.9	40	WNW	2	bm	1039.3	+2	35	-8	WNW	2	-	bm	3	-	44	34	bz	bm	bm	0.0																
Yarmouth (Gorleston)	1035.5	41	WNW	1	bc	1039.1	0	32	-12	NNW	1	-	bcfx	2	Trace	46	32	om-bc	om-f-bc	bcfx	0.0																
Clacton-on-Sea	1036.0	43	-	0	o	1038.8	+1	35	-10	N	2	-	bm	1	-	44	34	om-o	og	o-bc-bx	0.0																
Nottingham ...	1036.5	41	NW	2	bm	1039.1	0	27	-13	-	0	-	fx	2	-	46	26	bc-b	bm	bm	2.4																

\* Information for these columns not usually recorded.

† The barometric change is expressed in half millibars.

‡ Longside at 11.



## SUMMARY OF CONDITIONS AT 7 A.M.

Thursday 5th February, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	NE-E 0-10	R. Cool	Fair, misty, frosty.	Bad	Slight
2. E. England	N 0-5	Cool	Misty, frosty.	Poor	Smooth
3. E. Midlands	Calm	Cold	Misty, frosty.	Poor	—
4. W. Midlands	NE-E 0-5	"	Misty, frosty.	"	—
5. S.W. England	E-SE 15-25	Normal	Dull, misty.	"	Mod.
6. South Wales	E 5-10	R. Cool	Dull.	"	Slight
7. North Wales	S 5-10	Cool	Fine, slight mist.	"	Smooth
8. N.W. England	S-W 0-5	Cool	Foggy.	"	Smooth
9. N. Midlands	W 0-5	Cold	Misty, frosty.	"	—
10. N.E. England	W 0-5	R. Cool	Foggy.	Bad	Slight
11. E. Scotland	W 0-10	R. Cool	Fine, local mist.	Fair	Smooth
12. S.W. Scotland	Var. 0-5	" "	Variable, some fog.	Bad	Smooth
13. Isle of Man	S-W 0-5	" "	Foggy.	Bad	Smooth
14. N. & N.W. Scotland	SW-W 0-5	Normal	Fair to fine.	Indiff.	Slight
15. Hebrides	SW 20-25	R. Warm	Dull, squally.	Indiff.	Slight
16. Orkneys and Shetlands	W 15-20	" "	Fair.	Poor	Smooth
17. N.W. Ireland	SW 5-10	Normal	Fair generally.	Fair	Slight
18. N.E. Ireland	SW-W 0-10	Cool	Fair, frost inland.	Indiff.	Smooth
19. S.E. Ireland	Var. 0-10	"	Fine, mist & frost (inland).	Good	Mod.
20. S.W. Ireland	E-SE 10-15	Normal	Fine.	V. Good	Slight

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

An anticyclone over East England is moving away East or N.E. while a depression off the S.W. Coasts will probably move to the South of the British Isles. Conditions are likely to become unsettled again in the Southern and Western districts.

**EXPLANATION**  
 BAROMETER.—Isobars are drawn at intervals of two millibars.  
 WIND.—Direction is shown by a flying with the wind. Force, on a scale of 0-12, is indicated by the number of feathers. Mean velocity is shown per hour by figures in small circles.  
 TEMPERATURE.—Isotherms are drawn at intervals of 1°.  
 WEATHER SYMBOLS.—  
 ☉ clear sky. ☁ sky & clouds. ☂ rain. ☃ overcast sky. ☄ fog. \* snow. A hail. T thunder. R shower.  
 SEA DISTURBANCES.—Rough. High.

Further Outlook.

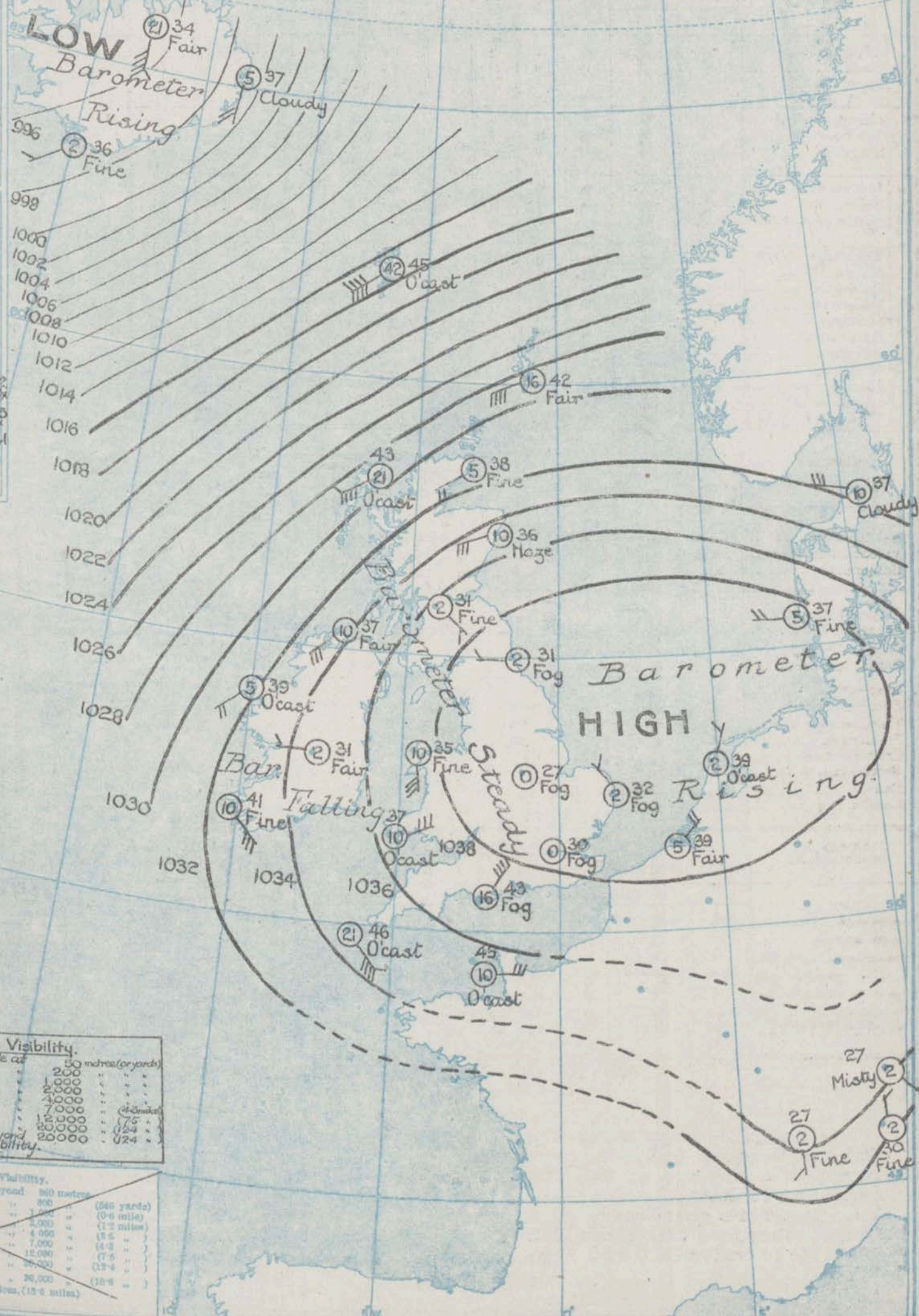
Colder than of late.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Thursday 5th February, 1920.
1. S.E. England	Light E. to SE breezes freshening. Becoming cloudy or dull, probably rain later. Vis. indifferent. Rather cold.
2. E. England	Light variable breezes at first, later S.E. to S.W. Fair or fine at first, becoming less settled, with perhaps rain later. Vis. indifferent to fair. Rather cold.
3. E. Midlands	Moderate to strong S.E. winds. Much low cloud, some rain later. Visibility indifferent to fair. Rather cold.
4. W. Midlands	Light to moderate S. to S.E. winds. Becoming unsettled with development of low cloud and probably some rain later. Vis. indifferent to fair. Rather cold.
5. S.W. England	Winds light and variable, later from between S.E. and S.W. Mainly fair. Visibility indifferent to fair. Rather cold.
6. South Wales	Light to moderate South to South West winds. Mainly fair. Visibility indifferent to fair. Rather cold.
7. North Wales	Moderate to strong South Westerly winds. Mainly fair. Vis. indifferent to fair. Moderate temperature or rather cold.
8. N.W. England	Same as 11 13.
9. N. Midlands	Same as 4 6.
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	



# SYNOPTIC CHART FOR MORNING OF Thursday, 5<sup>th</sup> Feby. 1920.

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



**Scale of Surface Visibility.**  
Objects not visible at

0	Dense fog.	50 metres (or yards)
1	Very bad.	100 "
2	Bad.	200 "
3	Very poor.	500 "
4	Poor.	1,000 "
5	Indifferent.	2,000 "
6	Fair.	4,000 "
7	Good.	7,000 "
8	Very good.	12,000 "
9	Excellent.	20,000 "
10	Exceptional visibility.	30,000 "

**Scale of Surface Wind.**  
Objects not visible beyond

0	Very bad.	500 metres (546 yards)
1	Very poor.	1,000 "
2	Indifferent.	2,000 "
3	Fair.	4,000 "
4	Good.	7,000 "
5	Very good.	12,000 "
6	Excellent.	20,000 "
7	Exceptional visibility.	30,000 "



Thursday,  
5th February

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h.	Day. 9h-12h.			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h.	Day. 9h-12h.	
Scotland.					mm.	mm.		Douglas (I.O.M.)					mm.	mm.	
Banff ... ..	*	c.b.c. bc	45	38	3	1	3.8	Blackpool ... ..	*	c. bc	40	40	2	-	7.0
Montrose ... ..	b	b	40	38	-	-	7.2	Southport ... ..	b	b	40	41	3	-	7.0
St. Andrews ... ..	*	*	45	37	-	-	7.3	England, N.W.							
England, N.E.								Buxton ... ..							
Harrogate ... ..	bc. b	b	45	34	1	-	0.9	Leamington Spa ...	c. bc	bc	47	40	1	-	3.4
Scarborough ... ..	c. b	b	48	39	1	-	6.0	Malvern ... ..	c. bc	bc. b	48	41	1	-	5.5
Skewness ... ..	b. bc	b	40	40	0.3	-	3.1	Ross-on-Wye ... ..	c. bc	bc. b	50	35	1	-	4.8
England, E.								Rhyl ... ..	b	b	40	38	4	-	6.0
Lowestoft ... ..	o	a. c. bc	40	41	-	-	0.1	Colwyn Bay ... ..	*	*	45	40	10	-	6.7
Felixstowe ... ..	og	og	40	43	-	0.3	0.0	Llandudno ... ..	*	*	46	41	10	-	6.5
Southend-on-Sea ...	m. op	op	40	42	-	1	0.0	Aberystwyth ... ..	r. c. b	b. bc	48	42	4	-	7.3
England, S.E.								Weymouth ... ..	p. op. o	a. c	46	43	1	1	0.0
Tunbridge Wells ...	od	or	48	40	-	2	0.0	Teignmouth ... ..							
Margate ... ..	od	og	48	40	-	0.3	0.0	Torquay ... ..	c	bc	51	44	1	-	0.3
Ramsgate ... ..	*	o	47	42	-	-	0.0	Paigmon ... ..	op. bc	bc	48	41	2	trace	0.3
Folkestone ... ..	m. fe	o	40	44	-	-	0.0	Penzance ... ..	c	bc. b	50	43	2	-	4.9
Hastings ... ..	od	o	47	42	-	1	0.0	Newquay ... ..	o. a. b	b	47	43	2	-	4.2
Eastbourne ... ..	om	m. dr	48	43	-	0.4	0.0	Bude ... ..	o	b	56	39	2	-	4.2
Brighton ... ..	od	or	48	42	-	1	0.0	Ilfracombe ... ..	o. c. bc	b	48	42	3	-	4.3
Worthing ... ..	o	od	47	42	-	0.1	0.0	Weston-s-Mare ...	o. bc	b	49	43	trace	-	3.2
Littlehampton ...	og	r	47	41	-	3	0.0	Bath ... ..	o. c. bc. b	c. bc. b	49	40	1	-	0.8
Bournemouth ... ..	*	*	47	43	1	1	0.0								
Ventnor (I. of W.)	*	*	48	41	-	2	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.	No.	Limits of Velocity at about 30 feet above ground.	
	7h-13h. <sup>15h</sup>	13h-18h. <sup>15h</sup>	18h-4 <sup>15h</sup> -1h.5 <sup>15h</sup>	1h-7h.5 <sup>15h</sup>				Day. 7h-18h	Night. 18h-7h				Statute miles per hour.	Metres per second.
								mm.	mm.					
Eskdalemuir ... ..	b. bc. co	o. p. co. bc	bc. bc. bc. co	om. co. me	39	26	21	7	-	3.7	b blue sky (not more than a quarter covered).	0	Less than 1	Less than 0.3
Valencia (Cahircivnos) ...	c. h. bc	bc. b	b		48	35	29	-	-	6.1	bc. sky partly cloudy (one half covered).	1	1-8	0.3-1.5
Baldonnel ... ..	b. bc. g	b. bc. g	b. bc	b. bc. e	45	28	*	*	*	*	c generally cloudy (three quarters covered).	2	4-7	1.0-3.8
Anglesey (Llangefni) ...							*	*	*	*	d drizzle, or fine rain.	3	8-12	2.4-5.4
Falmouth ... ..	o. a. b	bc. bc. b	bc. bc. x	bc. co. m	50	35	27	-	-	3.1	e wet air without rain falling.	4	13-18	5.5-7.9
Calshot (Hants) ... ..	om. g	g	o		48	36	23	2	-	0.0	f fog. g gloom.	5	19-24	8.0-10.7
Capel (Folkestone) ...							*	*	*	*	h hail. i lightning.	6	25-31	10.8-13.8
Aberdeen ... ..	b. g	bc. bc. g	b. x	u. x	47	33	25	-	-	7.2	m mist. o overcast sky.	7	32-38	13.9-17.1
East Fortune ... ..	b. g	b. bc. g	b	u. x	45	31	*	*	*	*	p passing showers.	8	39-46	17.2-20.7
Flamborough Head ...	b. bc. g	b. g	b. x	b. x	45	32	*	*	*	*	q squalls. r rain.	9	47-54	20.8-24.4
Felixstowe ... ..	o	o. a. g	b	b. bc. f	48	30	*	*	*	*	rs sleet, i.e., rain and snow together.	10	55-63	24.5-28.4
Cranwell (Lincs) ...	om. a. o	b. bc. bc	b. bc	f. x	45	25	*	*	*	*	s snow. t thunder.	11	64-75	28.6-33.5
Shoburness ... ..	om. a. o	o. a. c	c. o. f. x	c. o. f. x	45	31	28	0.1	-	0.0	u ugly, threatening sky.	12	Above 75	33.6 or above
Benson ... ..	ro	bc	b. x. m. bc	b. x. m. bc	47	24	18	0.4	-	*	v unusual visibility.			
London (New Obs.) ...	om. m. o. bc	om	b. f. bc. x	b. f. bc. x	48	28	21	2	-	0.0	w dew. x hoar, frost.			
											y dry air; humidity less than 60 per cent.			
											z dust haze; the turbid atmosphere of dry weather.			

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

**SYMBOLS—**  
Aurora ☆ Solar halo ☉  
Rime ☐ Lunar halo ☾  
Glazed frost ∞ Solar corona ☼  
Glazed roads & Lunar corona ☾

LONDON OBSERVATIONS.	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	Rainfall. mm.	Sunshine to Sunset. Hours.	Humidity %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.		
	Morning.	Afternoon.	Night.							15 h. G.M.T.	9 h. G.M.T.		Stations.	Sunrise.	Noon.
	24 HOURS ENDED 9h G.M.T.									YESTERDAY.	TO-DAY.		Stations.	Sunrise.	Noon.
Greenwich (Royal Observatory)	od	o. c	c. bc. bc. g	44	29	23	2	0.0	82	74	74	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Yarmouth ...	7.31	12.7
City (Bunhill Row) ...	*	*	*	*	*	*	*	0.0	*	*	*	Total ... 136 ... Joules.	Greenwich ...	7.29	12.7
Westminster (St. James's Park)	*	*	*	*	*	*	*	0.0	70	81	81	Milliwatts.	Wick ...	7.34	12.14
Admiralty Arch ...	om	odm. om	of. b	49	35	27	1	0.0	71	82	82	Average Rate. 4.1	Valencia ...	8.12	12.26
Camden Sq. (British Rainfall)	o	o	*	46	28	26	1	*	72	89	89	Maximum Rate. 15		8.10	12.26
Kensington Palace ...	om. r	om	*	44	32	23	1	*	83	91	91			8.17	12.55
Hampstead Observatory ...	cf. x	bc. x	bf	43	32	26	1	0.0	*	81	81			8.15	12.55

## NOTES ON THE WEATHER OF YESTERDAY.

Maximum temperatures were below 50° except in S.W. England where Bude reported 56° and Torquay 51°. Temperatures fell to below 32° during the night. Benson reported a minimum of 24° and Nottingham and Eskdalemuir each 26°. There was no sunshine in East and South-East England and only moderate amounts in S.W. England, but elsewhere there were good amounts. Aberystwyth and St. Andrews each had 7.3 hours, Aberdeen and Banff 7.2 hours and Blackpool and Southport 7.0 hours. There was little rainfall, but Eskdalemuir had 7 m.m. and Lerwick 5 m.m. of rain.





## AIR MINISTRY.

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

BRITISH SECTION.

No 24260B

FRIDAY, 9<sup>TH</sup> FEBRUARY, 1920.

BRITISH SECTION. No 21260B F.R.I.D.A.Y., 9. FEBRUARY, 1920.

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

STATIONS.	BAROM.	Change in 3 hours.	WIND.		Weather.	TEMP.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea	BAROM.	Change in 3 hours.	WIND.		Weather.	TEMP.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea
	at M.S.L. mb.		Force 0-12.	Form.		Amt. 0-10.				Form.	Amt. 0-10.	at M.S.L. mb.	Force 0-12.		Form.		Amt. 0-10.	Form.		Amt. 0-10.								
	13H. G.M.T. OF 5h												18H. G.M.T. OF 5h															
Eskdalemuir ...	1036.4	-2	SSE	2	c	38	82	7	3400	StCu	6	ciSt	2	*	1035.0	-2	SSE	2	b	32	87	6	-	-	-	-	-	*
Valencia (Cahire'n)	1026.7	-6	SE	5	o	47	82	7	12000	StCu	9	-	-	*	1022.3	-3	S	5	od	49	92	5	12000	St	10	-	-	*
Baldonnel ...	1032.9	-4	-	0	b2	45	87	5	12500	cu	1	-	-	*	1029.7	-2	SSW	5	og	43	92	3	12000	St	10	-	-	*
Anglesey (Llangefni)																												
Falmouth ...	1033.6	-2	SE	4	o	47	87	6	-	StCu	10	-	-	*	1031.6	-2	SE	3	o	45	92	4	-	StCu	10	-	-	*
Calshot (Hants) ...	1036.7	-2	ESE	5	om	45	82	6	12000	St	10	-	-	*	1035.5	0	ESE	4	om	43	87	6	12000	St	10	-	-	*
Lympne (Folkestone)																												
Aberdeen ...	1025.2	-1	SSW	3	b2	42	65	6	-	-	ci	2	2	1034.0	-1	SSW	3	b2	39	92	5	-	-	-	ci	1	2	
East Fortune ...	1036.9	-1	S	2	bc	44	75	7	23000	St	1	ci	4	*	1025.0	-2	SSE	1	bc	36	87	7	34000	StCu	2	ci	3	
Flamborough Hd.	1038.7	0	-	0	o2	39	92	5	56000	cu	2	ast	7	-	1038.4	0	SSE	4	c	39	92	6	56000	StCu	4	ast	4	
Felixstowe ...	1039.3	-3	?	2	b	44	75	6	23000	St	1	ast	2	2														
Cranwell (Lincoln)	1038.6	-1	ESE	3	em	39	87	4	56000	StCu	1	ast	6	*	1036.7	0	E	1	om	36	92	4	1500	St	9	ast	1	
Shoeburyness...	1038.5	-3	E	1	bc	44	75	7	-	-	ast	4	*	1037.5	-1	ESE	2	bc	38	75	6	23000	St	3	ast	2		
Benson ...	1036.7	-2	ESE	2	b	42	75	3	-	-	-	-	*	1035.7	-1	SE	1	om	39	87	3	-	-	-	-	-	*	
London (Kew Ob.)	1037.4	-4	ESE	4	b	43	75	3	-	-	ci	3	*	1036.8	0	E	4	om	41	75	3	1500	St	10	-	-	*	
1H. G.M.T. OF 6h												7H. G.M.T. OF 6h																
Eskdalemuir ...	1033.0	-2	-	0	ox	32	82	6	-	St	10	-	-	*	1029.3	-3	SSE	3	om	35	92	4	-	St	10	-	-	*
Valencia (Cahire'n)	1019.8	-5	SSE	6	omq	48	*	*	*	*	*	*	*	*	1016.1	-3	SSE	6	o	50	82	6	23000	StCu	10	-	-	*
Baldonnel ...	1026.9	-3	ESE	5	og	46	92	4	12000	St	10	-	-	*	1023.2	-6	E	5	og	40	92	4	1500	St	10	-	-	*
Anglesey (Llangefni)															1028.1	-1	SSE	4	om	44	87	4	-	St	10	-	-	*
Falmouth ...	1029.5	-2	SSE	5	o	45	75	5	-	StCu	10	-	-	*	1033.1	-2	ESE	4	o	44	98	2	1500	St	10	-	-	*
Calshot (Hants) ...	1033.4	-1	ESE	4	o	44	98	2	12000	St	10	-	-	*														
Lympne (Folkestone)																												
Aberdeen ...	1031.5	-3	SW	2	bcm	36	82	4	23000	StCu	2	ci	3	*	1028.3	-2	S	2	cem	39	92	4	-	St	8	-	-	3
East Fortune ...	1035.9	-3	S	5	c	38	82	6	45000	StCu	5	Acu	3	*	1028.8	-3	-	0	c2	36	92	5	23000	StCu	7	-	-	*
Flamborough Hd.	1036.5	-1	W	3	o	40	98	4	1500	St	10	-	4	1035.4	-1	NW	2	b	41	98	5	-	-	ast	2	3		
Felixstowe ...	1035.7	-3	SE	2	o	32	98	4	23000	St	4	Acu	6	*	1033.9	-2	SSE	4	of	35	98	2	4500	St	10	-	-	*
Cranwell (Lincoln)														1034.7	-1	SSE	1	om	40	87	4	1500	St	10	-	-	*	
Shoeburyness...														1031.8	-2	SE	3	om	40	98	4	-	St	10	-	-	*	
Benson ...														1032.5	-1	E	3	om	41	92	4	23000	StCu	10	-	-	*	
London (Kew Ob.)	1034.8	*	*	*	*	*	*	*	*	*	*	*	*															
(M.O. at 1h)																												
STATIONS CONTRIBUTING REPORTS AT 7H. AND 19H.																												
STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.	Dir.	Force of Upper Cloud.	Weather.	Sea	Rainfall mm.	TEMP.			WEATHER.			Sunshine						
	at M.S.L. mb.		Change in 3 hours.	Temp. °F.		Change in 24 hours.	Max. °F.	Min. °F.	Morning.							Afternoon.	Night.	Hours.										
	13h. G.M.T. OF 5h															7h. G.M.T. OF 6h												
Lerwick ...	1031.5	41	SSW	2	om	1024.5	-2	44	-1	SSE	8	5	emq	5	-	47	35	bcm	bcm	omq	*							
Stornoway ...	1026.4	42	SSW	5	bc	1018.4	-1	45	+2	SSW	6	-	og	5	1	45	38	cpq	bcq	bcq	1.4							
Castlebay (Barra Is)	1026.9	43	SE	6	bc	1018.7	-1	46	+3	SE	7	-	o	6	-	46	42	o.b.c.o	o.b.c.	bc.o	3.4							
Glasgow ...	1033.7	35	E	2	b2	1027.8	-2	38	+7	SE	2	-	o	*	-	39	30	bc.c2	c.b2	b2.c.o	4.1							
Malin Head ...	1024.8	39	SE	4	bc	1017.0	-2	46	+9	S	5	5	o	4	-	48	35	bc	bc	c	6.2							
Blacksod Point	1023.6	45	S	3	bc	1012.8	0	50	+7	SSE	7	-	og	5	-	52	40	bc	bc	cq	*							
Roche's Point...	1027.2	48	SSE	6	dm	1022.3	-2	48	+4	SSE	5	-	o	5	2	48	43	b.ond	df.dn	om	*							
Birr Castle ...	1026.0	43	SE	3	r	1019.8	*	46	+15	SE	3	-	o	*	1	43	30	bc	c.o.d	od.o	5.9							
Donaghadee ...	1031.2	41	S	3	bg	1024.5	-3	44	+12	S	4	-	omq	5	1	45	30	bcq	bgq	ond	*							
Liverpool (Bidston)	1034.3	36	SE	3	m	1029.6	-1	39	+8	SE	5	-	o	4	-	40	31	bcm	bcm	om	1.3							
Holyhead ...	1032.2	41	SSE	4	b	1026.8	-1	45	+10	S	5	-	omq	4	0.2	45	32	br.g2	b.bq.g	bc.og	5.2							
Pembroke (St. Ann's Head)	1031.4	43	SE	4	o	1026.5	-3	45	+8	SSE	4	-	o	4	-	45	35	c.	o	o	0.3							
Seilly (St. Mary's)	1030.2	47	SE	3	om	1026.3	-2	48	+2	S	5	-	c	5	1	48	42	om.	omq.	o.c.	0.0							
Jersey (St. Aubin)	1033.2	45	E	3	o	1029.9	0	42	-3	E	3	-	bm	3	-	45	40	o	o	o.b.dn	0.0							
Portland Bill ...	1033.3	45	E	5	o	1030.2	?	45	+2	SE	5	-	o	4	-	48	40	m.o	o.	o	*							
Dungeness ...	1035.9	44	E	3	o	1033.0	-1	42	+1	E	3	-	b	3	-	46	41	c.	c.o	c.c.c.b	*							
Wick ...	1029.1	40	SSW	3	bc	1022.6	-4	39	+1	SSW	4	-	o	3	-	41	38	bc.c	b.bc	bcq.om	*							
Nairn ...	1030.1	36	-	0	bc	1023.2	*	40	+4	-	0	-	og	1	-	43	33	bc	bc	bcx.cq	5.1							
Leith ...	1033.4	35	SW	1	b	1027.8	-1	37	+4	SSE	1	-	cm	2	-	45	32	bm.b.c	c.b.c.b2	b.b2x.c	*							
Tynemouth ...	1036.2	37	SSW	2	bc	1031.5	-2	37	+6	SSW	2	-	om	2	-	41	31	f.	bcm	f.om	*							
Spurn Head ...	1028.3	41	SSE	4	bcm	1033.5	-4	40	+5	SSE	4	-	o	4	-	42	33	cm	bcm	o	*							
Yarmouth (Norfolk)	1038.2	40	SE	4	o	1034.8	-2	41	+9	S	4	-	om	4	-	43	32	bcx.bc	bc.omx	bc.omx	4.6							
Clacton-on-Sea	1037.7	42	ESE	4	c	1034.6	0	42	+7	ESE	3	-	o	2	-	45	34	b.bc	bc.c	c.ogm	3.5							
Nottingham ...	1036.7	35	E	2	bc	1032.8	*	37	+10	SSE	2	S	om	*	-	37	26	f	bcm	bc.c	0.0							

Information for these columns

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ Longside at 1h.



# SUMMARY OF CONDITIONS AT 7 A.M. Friday, 6th February, 1920

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	E-SE. 10-15	Normal	Dull, some mist.	Poor	Slight
2. E. England	S-SE. 10-15	R.mild	Dull, some mist.	Indiff.	Mod.
3. E. Midlands	S-SE. 5-10	R.cool	Dull, some mist.	"	"
4. W. Midlands	S. 10-15	"	Dull, some mist.	"	"
5. S.W. England	S. 15-25	R.mild	Dull, some mist.	"	R.rough
6. South Wales	S. 15-20	"	Dull, some mist.	"	Mod.
7. North Wales	S. 15-25	"	Dull, some mist, squally.	"	"
8. N.W. England	S-SE. 15-20	"	Dull, some mist, squally.	"	"
9. N. Midlands	S-SE. 10-15	R.cool	Dull, some mist.	"	"
10. N.E. England	S. 5-15	Normal	Dull, some mist.	"	Slight
11. E. Scotland	S. 0-5	"	Dull, some mist.	Ord.	"
12. S.W. Scotland	S-SE. 5-10	"	Dull, some mist.	"	R.rough
13. Isle of Man.	S. 15-25	"	Dull, some mist, squally.	Indiff.	"
14. N. & N.W. Scotland	S-SW. 15-25	"	Dull.	"	"
15. Hebrides	S-SW. 25-30	R.mild	Dull, squally.	"	"
16. Orkneys and Shetlands	S-SE. 35-45	Normal	Dull, some mist, squally.	"	"
17. N.W. Ireland	S-SE. 20-30	R.mild	Dull, squally.	"	"
18. N.E. Ireland	S. 15-25	"	Dull, some mist, squally.	"	"
19. S.E. Ireland	S-E. 15-25	"	Dull, squally.	"	"
20. S.W. Ireland	S-SE. 20-30	"	Dull, squally.	Good	"

GENERAL INFERENCE from observations received up to 9 A.M.

A depression centred near Iceland is spreading SE. Dull, unsettled rather mild weather is probable generally.

**EXPLANATION.**  
 BAROMETER.—Isobars are drawn at intervals of two millibars.  
 WIND.—Direction is shown by the arrow pointing with the wind. Force, on the Beaufort scale, is indicated by the number 1-12. In the case of gales, the force is shown by the letters G, H, or K. The force per hour by figures in small circles.  
 TEMPERATURE.—Isobars are drawn at intervals of two degrees.  
 WEATHER SYMBOLS.—  
 ☉ clear sky. ☁ sky & clouds. ☂ rain falling. ☄ overcast sky. ☀ rain falling. \* snow. △ hail. ☄ fog. ☄ thunder. ☄ thunderstorm.  
 SEA DISTURBANCE.—  
 Rough. High.

Further Outlook.

Unsettled, rather mild weather beyond the forecast period.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Friday, 6th February, 1920
1. S.E. England	Moderate to fresh SE. to S. winds. Mainly dull, mist locally; rain probable later. Visibility rather poor. Rather mild.
2. E. England	
3. E. Midlands	
4. W. Midlands	Fresh or strong S.W. winds. Overcast with low cloud, some mist and occasional drizzle. Visibility poor. Rather mild.
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	Moderate to fresh S-SW. winds. Mainly dull, mist locally, some rain later. Visibility rather poor. Rather mild.
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Same as for 4-8
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	Strong S-SW. winds reaching gale force in exposed places. Dull, occasional drizzle. Visibility poor. Mild.
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	



# SYNOPTIC CHART FOR MORNING OF Friday, 6th February, 1920.

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

31 Bar rising  
Air Low  
slowly.

21 37 Rain.

19 43 Rain

43 35 Rain

41 32 Cloudy

34 Fine

37 21 Fine

HIGH  
2 34 Ocast

36 10 Fine

48 10 Fog

slowly.

2 34 Air

45 32 Air

36 Ocast

2 36 Ocast

30 Fine

27 Fine

1032

1030

34 Fog

1028

43 15 Ocast

45 21 Ocast

10 42 Fine

45 15 Ocast

21 45 Ocast

46 21 Ocast

38 5 Ocast

5 39 Cloudy

15 35 Ocast

45 21 Ocast

1010

1008

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Friday,  
6<sup>th</sup> February

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 5 <sup>th</sup>																	
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 18h-9h.	Day. 9h-18h.	Sunrise to Sun-set. 5 <sup>th</sup>			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 18h-9h.	Day. 9h-18h.	Sunrise to Sun-set. 5 <sup>th</sup>
Scotland.	Oban ... ..	c.bc.	b	43	36	-	-	3.2	England, N.W.	Douglas (I.O.M.)							
	Banff ... ..	bc.b	b	44	31	-	-	6.5		Blackpool ... ..							
	Montrose ... ..									Southport ... ..	m.o.c	c.bc.b.bc	39	30	-	-	0.0
	St. Andrews ... ..	*	*														
England, N.E.	Harrogate ... ..	bczf.	f	38	28	-	-	0.0	Midlands.	Buxton ... ..							
	Scarborough ... ..			45	33	-	-	1.9		Leamington Spa ... ..			41	25	-	-	0.0
	Skegness ... ..	bm.bc	b.bc.o	42	31	-	-	2.4		Malvern ... ..	2	2	40	30	-	-	1.8
England, E.	Lowestoft ... ..	bcf.	bc.c	43	31	-	-	4.2	Wales.	Ross-on-Wye ... ..	x om.	om.c	41	25	-	-	0.6
	Felixstowe ... ..	bcf.	bcf.	44	34	-	-	4.2		Rhyl ... ..	bc	bc	42	29	-	-	3.7
	Southend-on-Sea ... ..	mx.bc.b	bc.c.o	45	32	-	-	3.8		Colwyn Bay ... ..	*	*	42	30	-	-	4.1
										Llandudno ... ..	x	x	43	31	-	-	4.4
England, S.E.	Tunbridge Wells	bc.c	c	46	33	0.1	-	1.6	England, S.W.	Aberystwyth ... ..	o.c	bc.o	45	38	-	-	2.5
	Margate ... ..	bc	c	45	41	-	-	3.3		Weymouth ... ..	-	-	45	36	-	-	0.0
	Ramsgate ... ..	-	-	44	39	1	-	4.6		Teignmouth ... ..							
	Folkestone ... ..	b	o	46	40	1	-	5.7		Torquay ... ..	o	d.o	47	36	-	-	0.0
	Hastings ... ..	or.o	o	44	38	1	-	0.0		Paignton ... ..	o	o	47	36	-	-	0.0
	Eastbourne ... ..	c.o	o	45	37	2	-	0.1		Penzance ... ..	ad.c.	c.o	48	38	0.2	0.1	0.0
	Brighton ... ..	b.bc.o	c.o.c	45	38	2	-	1.8		Newquay ... ..	og	og	47	34	-	-	0.0
	Worthing ... ..	bc	bc.c	47	38	2	-	1.7		Bude ... ..	bc.c.o	o	49	31	-	-	0.0
	Littlehampton ... ..	bcm	om	45	42	2	-	1.5		Ilfracombe ... ..	bc.c.o	o	45	36	-	-	0.3
	Bournemouth ... ..	*	*	45	31	2	-	0.0		Weston-s-Mare ... ..	m.bc	cm	45	31	-	-	0.0
	Ventnor (I. of W.)	x	x	45	40	1	-	0.5		Bath ... ..	m.o.c.bc	bc.c.o	46	29	-	-	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.					
	7h-13h.5 <sup>th</sup>	13h-18h.5 <sup>th</sup>	18h.5 <sup>th</sup> -1h.6 <sup>th</sup>	1h-7h.6 <sup>th</sup>				Day. 7h-18h.	Night. 18h-7h.						
Eskdalemuir ...	ofc.c.b.co	ch.c.b.	bz.bx.bco	ox.om	39	28	27	-	-	3.5	b blue sky (not more than a quarter covered).	No.	Limits of Velocity at about 30 feet above ground.		
Valencia (Cahirciveen) ...	b.bc.o	c.opd	ro.o		50	40	46	1	1	2.0	bc sky partly cloudy (one half covered).		Statute miles per hour.	Metres per second.	
Baldonnel ...	z.b.bc	c.og	q.c.o	c.oq	45	30	*	*	*	*	c generally cloudy (three quarters covered).	0	Less than 1	Less than 0.8	
Anglesey (Llangefni) ...							*	*	*	*	d drizzle, or fine rain.	1	1-3	0.3-1.5	
Falmouth ...	og.o	o	o.c.o	om	48	43	43	-	-	0.0	e wet air without rain falling.	2	4-7	1.0-3.3	
Calshot (Hants) ...	c.o	c.o.c.o	o	o	45	39	40	*	*	2.2	f fog. g gloom.	3	8-12	3.4-5.4	
Lympne (Folkestone)							*	*	*	*	h hail. i lightning.	4	13-18	5.5-7.9	
Aberdeen ...	bz	bz	bz.cm		43	36	33	-	-	5.6	m mist. o overcast sky.	5	19-24	8.0-10.7	
East Fortune ...	bc.cz	bc.c	U.f	bc.cz	44	32	*	*	*	*	p passing showers.	6	25-31	10.8-13.8	
Flamborough Head.	c.oz	c.o.om	c.g				*	*	*	*	q squalls. r rain.	7	32-38	13.9-17.1	
Felixstowe ...	z.b.bc		b.b.c	b.bc	46	40	*	*	*	*	rs sleet, i.e., rain and snow together.	8	39-46	17.2-20.7	
Cranwell (Lincoln)	bc.c.om	c.om	bc.c	om.ef	40	28	*	*	*	*	s snow. t thunder.	9	47-54	20.8-24.4	
Shoeburyness ...	ofc.c.bc	bc	bc.om	c.om	46	39	36	*	*	4.3	u ugly, threatening sky.	10	55-63	24.5-29.4	
Benson ...	x.bf	x.bc	c.om		44	23	30	-	-	*	v unusual visibility.	11	64-75	28.5-33.5	
London (Kew Obs.)	bfx.bx.bf	bm.om.om	om		45	28	27	-	Trace	0.0	w dew. x hoar frost.	12	Above 75	33.6 or above	
											y dry air; humidity less than 60 per cent.				
											z dust haze; the turbid atmosphere of dry weather.				
											Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 2=heavy. Underlining is used to express continuity.				

LONDON. OBSERVATIONS.		WEATHER.			Max Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.										
		Morning.	Afternoon.	Night.						15 h. G.M.T.	3 h. G.M.T.		6th 8th 7th February 1920										
														Vertical Component of Solar Radiation per Square Centimetre during yesterday.		Stations.			Sunrise.	Noon.	Sunset.		
														To-day.		G.M.T.			G.M.T.	G.M.T.	G.M.T.		
24 HOURS ENDED 9h G.M.T. 6th														YESTERDAY.		TO-DAY.		Total 274 Joules.			6th 8th 7th February 1920		
																		Milliwatts.					
																		Average Rate. 8.2					
																		Maximum Rate. 22					
Greenwich (Royal Observatory)	bz	b, bc, c	o, z	45	33	30	-	3.3	75	83	Vertical Component of Solar Radiation per Square Centimetre during yesterday.			Stations.			Sunrise.	Noon.	Sunset.				
City (Buckhill Row)	*	*	*	*	*	*	*	0.0	*	*				G.M.T.			G.M.T.	G.M.T.					
Westminster (St. James's Park)	*	*	*	46	36	29	-	0.0	69	84				Yarmouth...			7.29	12.7	4.45				
.. (Admiralty Arch)	bf	bcm	cm, bc, om	47	40	*	-	0.0	73	88				Greenwich			7.33	12.14	4.55				
Camden Sq. (British Rainfall)	bm	b, o	*	44	33	29	-	*	83	92	Total 274 Joules.			Wick			8.10	12.26	4.42				
Kensington Palace	o	o	*	45	33	32	-	*	83	92	Milliwatts.			Valencia			8.8	12.26	4.44				
Hampstead Observatory	of	om	om	42	33	29	-	1.6	78	94	Average Rate. 8.2						8.15	12.55	5.35				
.									*	92	Maximum Rate. 22						8.13	12.55	5.37				

## NOTES ON THE WEATHER OF YESTERDAY.

Temperatures failed to reach 50° except at one or two places in Ireland (Blackpool 52°, Valencia 50°). Little or no sunshine was experienced in the Midlands and SW. England, but fair amounts were reported from Scotland, Ireland and locally in SE. England. Banff had 6.5 hours sunshine and Malin 6.2 hours. In most districts there was no rain reported. Roche's Point and Valencia each reported 2 mm. of rain and a few other stations 1 mm.





МРЕЧАТУРА.

Max.	Min.
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No 21,26! B

2.4

8	34
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4	36
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† The barometric change is expressed in half millibars.

8. Longide at 10.



# SUMMARY OF CONDITIONS AT 7 A.M. Saturday, 7th February, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	S-SE 15-20	R. Cool	Fine, slight mist, frost.	Poor	Slight
2. E. England	S-SE 15-20	Normal	Fine, local fog.	Poor	Mod.
3. E. Midlands	S-SE 0-5	R. Cool	Fine.	"	"
4. W. Midlands	S-SE 0-5	Normal	Fair.	"	"
5. S.W. England	S-E 10-15	"	Dull.	Fair.	Mod.
6. South Wales	S-SE 15-20	R. Mild	Dull.	Poor.	Mod.
7. North Wales	S-10-15	Normal	Fair to fine.	Indiff.	Slight
8. N.W. England	S-SE 10-15	R. cool	Fair generally, some mist.	V. Poor	Slight
9. N. Midlands	S-SE 0-5	"	Fair.	"	"
10. N.E. England	S-SW 10-15	Normal	Fair to fine, misty.	Poor	Slight
11. E. Scotland	S-SW 0-10	R. Mild	Dull.	Poor	Mod.
12. S.W. Scotland	S-SW 0-10	Normal	Dull, misty.	V. Poor	Slight
13. Isle of Man	S-10-15	"	Dull.	Poor	"
14. N. & N.W. Scotland	S-15-25	R. Mild	Dull, squally, misty.	Indiff.	R. Rough
15. Hebrides	S-20-30	Mild	Dull, squally.	"	"
16. Orkneys and Shetlands	S-15-25	R. Mild	Dull.	"	Mod.
17. N.W. Ireland	S-SW 20-30	Mild	Dull, squally.	Fair	Rough
18. N.E. Ireland	S-10-15	R. Mild	Dull, misty.	Poor	Slight
19. S.E. Ireland	S-SE 0-20	"	Dull, squally.	Poor	R. Rough
20. S.W. Ireland	S-20-30	"	Dull.	Good	Rough

GENERAL INFERENCE from observations received up to 9 A.M.

Pressure is highest in an anticyclone over the Baltic and lowest to the W. and N.W. of the British Isles. The weather is likely to be generally fair or fine over most of England, but a considerable amount of low cloud with local showers or drizzle is probable over Scotland and Ireland.

**EXPLANATION.**  
 BAROMETER.—Isobars are drawn at intervals of two millibars.  
 WIND.—Direction is shown by a line flying with the wind. Force, on the 0-12, is indicated by the number of feathers. Mean velocity is shown per hour by figures in small circles.  
 TEMPERATURE.—Isobars are drawn at intervals of two degrees.  
 WEATHER SYMBOLS.—  
 ☉ clear sky. ☁ sky & clouds. ☂ rain. ☃ snow. ⚡ hail. ⚡ thunder. ⚡ lightning. ⚡ sea disturbance. ⚡ rough. ⚡ high.

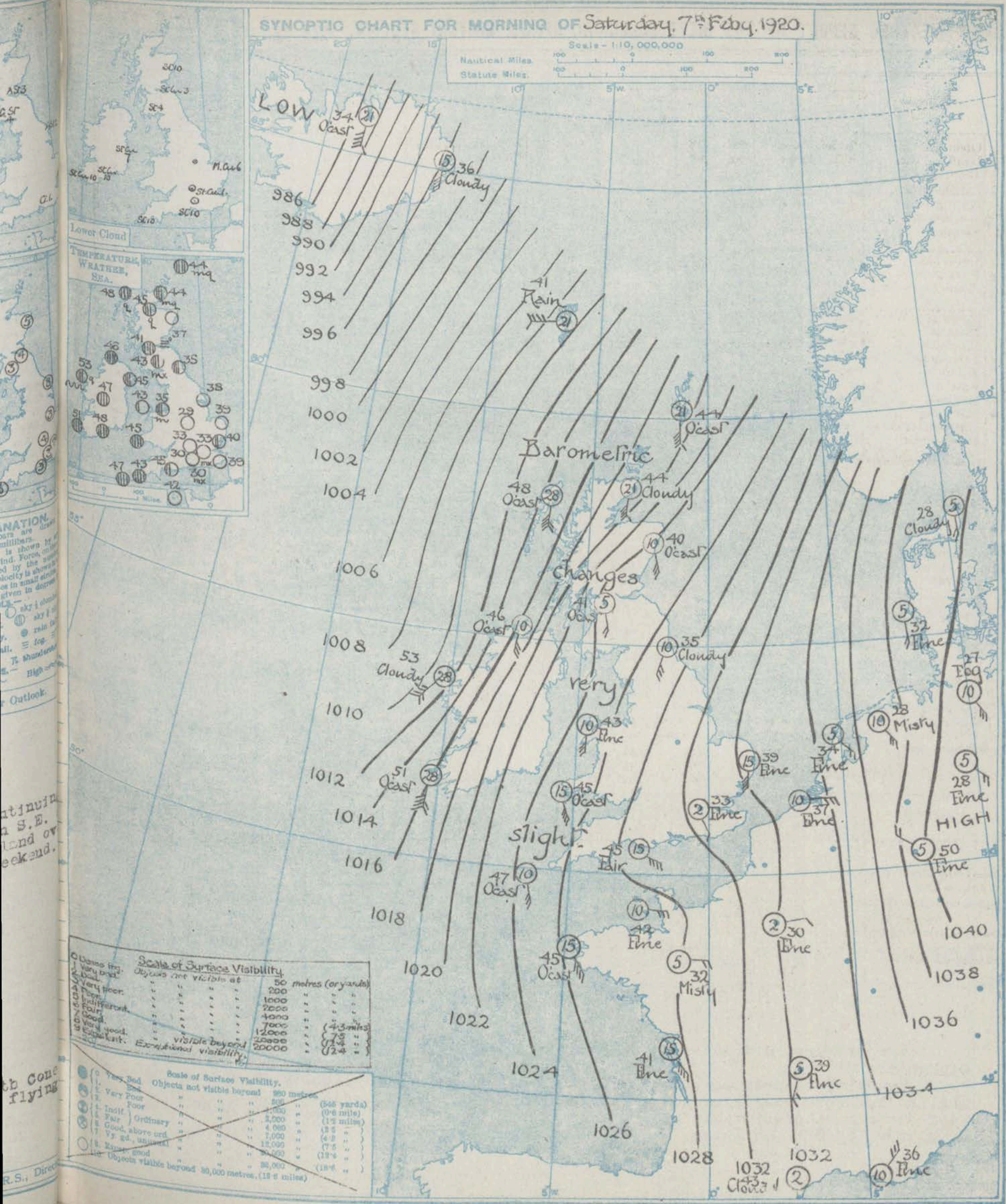
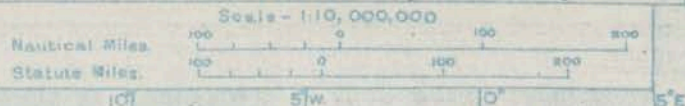
Districts.	Forecasts for the 24 hours commencing 3 p.m. Saturday, 7th February, 1920.
1. S.E. England	Light or moderate S.E. winds Fair or fine, mist locally.
2. E. England	Some frost inland tonight. Visibility indifferent.
3. E. Midlands	Moderate temperature during the day.
4. W. Midlands	
5. S.W. England	Light or moderate winds between S.E. and S.W. Cloudy.
6. South Wales	Visibility indifferent to fair. Rather mild.
7. North Wales	Light or moderate Southerly winds Cloudy, with fair intervals.
8. N.W. England	Visibility indifferent. Rather mild or moderate temperature.
9. N. Midlands	Light or moderate winds between S.E. and S.W. Mainly fair.
10. N.E. England	Visibility indifferent. Moderate temperature.
11. E. Scotland	Light or moderate Southerly winds. Cloudy, local mist.
12. S.W. Scotland	Visibility poor. Moderate temperature.
13. Isle of Man	Same as 7-8.
14. N. & N.W. Scotland	Fresh or strong S. - S.W. winds. Much cloud, some showers.
15. Hebrides	Visibility indifferent. Rather mild.
16. Orkneys and Shetlands	
17. N.W. Ireland	Moderate to strong winds between S.E. and S.W. Much cloud, local showers or drizzle. Visibility indifferent. Mild.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Continuing fair in S.E. E. England over the weekend.

South Coast flying



# SYNOPTIC CHART FOR MORNING OF Saturday, 7<sup>th</sup> Feb'y. 1920.



Lower Cloud

TEMPERATURE, WEATHER, SEA.



Scale of Surface Visibility.	
0	Objects not visible at 50 metres (or yards)
1	200 "
2	1000 "
3	2000 "
4	4000 "
5	7000 "
6	12000 "
7	20000 "
8	30000 "
9	40000 "
10	50000 "
11	60000 "
12	70000 "
13	80000 "
14	90000 "
15	100000 "
16	110000 "
17	120000 "
18	130000 "
19	140000 "
20	150000 "
21	160000 "
22	170000 "
23	180000 "
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25	200000 "
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29	240000 "
30	250000 "
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402	3970000 "
403	3980000 "
404	3990000 "
405	4000000 "
406	4010000 "
407	4020000 "
408	4030000 "
409	4040000 "
410	4050000 "



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. 1st-9h. mm.	Day. 9h-12h. mm.	Sunrise to Sun- set. 6h.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 1st-9h. mm.	Day. 9h-12h. mm.	Sunrise to Sun- set. 6h.
Scotland.	Oban ...	b. bc.	c. o.	46	38	-	-	0.0	England, N.W.	Douglas (I.O.M.)	-	-	42	40	-	-	0.0
	Banff ...	c. bc.	g. o.	42	34	-	-	0.3		Blackpool ...	o.	o.	42	35	-	-	0.0
	Montrose ...	-	-	-	-	-	-	-		Southport ...	o.	o. c. o.	42	35	-	-	0.0
	St. Andrews ...	-	-	42	31	-	-	0.7		-	-	-	-	-	-	-	-
England, N.E.	Harrogate ...	f.	f. o. cm.	38	29	0.2	0.1	0.0	Midlands.	Buxton ...	-	-	43	32	-	-	0.0
	Scarborough ...	-	-	43	36	-	-	0.0		Leamington Spa ...	-	-	44	37	-	-	0.0
	Skegness ...	o. bc. b.	b.	49	40	-	-	4.2		Malvern ...	2.	2.	44	37	-	-	0.4
England, E.	Lowestoft ...	bc. b.	b.	47	37	-	-	7.4	Wales.	Ross-on-Wye ...	om.	o. cm.	46	40	-	-	0.4
	Felixstowe ...	bcm.	bcm.	45	42	-	-	7.2		Rhyl ...	c.	c.	48	30	-	-	0.5
	Southend-on-Sea ...	m. b.	b.	47	35	-	-	7.2		Colwyn Bay ...	-	-	50	35	-	-	3.0
England, S.E.	Tunbridge Wells	o. bc.	b.	47	37	-	-	4.8	England, S.W.	Llandudno ...	-	-	51	38	-	-	1.5
	Margate ...	bc.	bc.	47	39	-	-	6.3		Aberystwyth ...	o. c.	c. o.	50	42	-	-	3.5
	Ramsgate ...	bc.	bc.	46	37	-	-	7.2		Weymouth ...	o.	o.	46	43	-	-	0.0
	Folkestone ...	b.	b.	51	39	-	-	7.0		Teignmouth ...	-	-	-	-	-	-	-
	Hastings ...	bc. b.	b.	47	41	-	-	7.5		Torquay ...	o.	o.	46	40	-	-	0.0
	Eastbourne ...	c. bc. b.	b.	46	42	-	-	6.2		Paignton ...	o.	c.	47	45	-	-	0.0
	Brighton ...	o. c. bc.	c. bc. b.	46	40	-	-	2.4		Penzance ...	c. o.	o.	50	45	-	-	2.5
	Worthing ...	o.	bc. b.	46	42	-	-	2.3		Newquay ...	-	-	48	43	-	-	0.1
	Littlehampton ...	om.	bcm.	45	41	-	-	2.1		Bude ...	o.	b.	50	43	-	-	2.0
	Bournemouth ...	-	-	?	?	-	-	0.6		Ilfracombe ...	c. bc. b.	b. bc.	49	41	-	-	5.8
	Ventnor (I. of W.)	-	-	44	42	-	-	1.5		Weston-s-Mare ...	o. c.	c. bcm.	46	34	-	-	0.8
	-	-	-	-	-	-	-	-		-	Bath ...	o.	o. c. bc.	47	42	-	-

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-12h.	12h-18h.	18h-7h.	1h-7h.				Day. 7h-12h.				Night. 12h-7h.
Eskdalemuir ...	om.	om. cm.	om. cm.	om. cm.	41	29	24	-	-	0.2	b blue sky (not more than a quarter covered).	No. Limits of Velocity at about 30 feet above ground. Statute miles per hour. Metres per second.
Valencia (Cahirciveen) ...	o. c.	c. o.	o.	o.	52	50	49	-	-	0.1	bc sky partly cloudy (one half covered).	
Baldonnel ...	q. c. o.	q. c. o.	q. c. o.	c. o. q.	50	44	-	-	-	-	c generally cloudy (three quarters covered).	
Anglesey (Llanfyllin) ...	-	-	-	-	-	-	-	-	-	-	d drizzle, or fine rain.	
Falmouth ...	o.	o. z.	o. c. om.	o.	46	42	36	-	-	0.0	e wet air without rain falling.	
Calshot (Hants) ...	om. b. o.	b. bc.	bcm.	-	45	40	39	-	-	0.0	f fog. g gloom.	
Temploe (Folkestone) ...	-	-	-	-	-	-	-	-	-	-	h hail. i lightning.	
Aberdeen ...	cm. om.	cm. om.	om. cm.	-	42	39	38	-	-	0.2	m mist. n overcast sky.	
East Fortune ...	z. c. c.	c. z.	bccz	xz	43	31	-	-	-	-	p passing showers.	
Flamborough Head ...	q. om.	om.	q.	b. bc. q.	41	37	-	-	-	-	q squalls. r rain.	
Felixstowe ...	z. b. bc.	z. b. bc.	b. bc. b.	b. bc. z.	46	39	-	-	-	-	rs sleet, i. e., rain and snow together.	
Cranwell (Lincs) ...	ef. em.	b. bc. bc.	o. em.	b. bc. f.	46	25	-	-	-	-	s snow. t thunder.	
Shoeburyness ...	om. cm. b. m.	b. m.	b. m. x.	b. m. x.	46	34	30	-	-	7.1	u ugly, threatening sky.	
Conson ...	om.	b.	b. m. x.	b. m. x.	46	32	25	-	-	-	v unusual visibility.	
London (Kew Obs.) ...	cm. b. m.	b. m. b. m. x.	b. m. x.	-	49	33	20	Trace	-	4.3	w dew. x hoar frost.	

LONDON OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rainfall. mm.	Sunshine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.				
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.						
24 HOURS ENDED 9H G.M.T. 7th																
Greenwich (Royal Observatory)	-	-	-	49	29	22	-	4.4	71	78	Vertical Component of Solar Radiation per Square Centimetre during yesterday. Total 255 Joules. Average Rate. 7.6 Milliwatts. Maximum Rate. 26	7th & 8th February 1920				
City (Bunhill Row)	-	-	-	-	-	-	-	1.9	-	-			Stations.	Sunrise.	Noon.	Sunset.
Westminster (St. James's Park)	-	-	-	50	35	26	-	3.0	67	84			G.M.T.	G.M.T.	G.M.T.	
Admiralty Arch	om	bcm	bcm	51	37	-	-	3.3	68	84			Yarmouth ...	7.27	12.7	4.47
Camden Sq. (British Rainfall)	om c	bc. c	-	48	29	25	-	-	72	93	Greenwich	7.31	12.14	4.57		
Kensington Palace	b	b	-	49	34	25	-	-	72	93	Wick	8.8	12.26	4.46		
Hampstead Obs.	bf	bf	b. c. f.	46	32	26	-	2.2	72	90	Valencia ...	8.13	12.55	5.37		

## SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	RAINFALL.		Sun. Hours.
								Day. 7h-12h mm.	Night. 12h-7h mm.	
	7h-12h. <sup>6h</sup>	12h-18h. <sup>6h</sup>	18h-24h. <sup>6h</sup>	1h-7h. <sup>7h</sup>						
Eskdalemuir ... ..	om	om. cm	om. om	om. cm	41	29	24	-	-	0.2
Valencia (Cahirciveen) ...	o. c	c. o	o	o	52	50	49	-	-	0.1
Baldonnel ... ..	q. c. o	q. c. o	q. c. o	c. o. q.	50	44				
Anglesey (Llanfyllin) ...										
Falmouth ... ..	o	o. z.	o. c. om	o	46	42	36			0.0
Caishot (Hants) ... ..	om. b. o	b. bc	b. cm.		45	40	39			0.0
Wimpole (Folkestone)										
Aberdeen ... ..	cm. om	cm. om	cm. cm		42	39	38	-	-	0.2
East Fortune ... ..	z. c. c	c. z.	b. c. z	x. z.	43	31				
Flamborough Head ...	q. om	om	q	b. bc. q.	41	37				
Felixstowe ... ..	z. b. bc	z. b. bc	b. bc. b	b. bc. z.	46	39				
Cranwell (Lincs) ...	ef. em	b. bc. bc	o. em.	b. bc. f.	46	25				
Shoeburyness ... ..	om. cm. b. m.	b. m.		b. m. x	46	34	30	-	-	7.1
London ... ..	om.	b.		b. x. m	46	32	25	-	-	
London (Kew Obs.) ...	cm. b. m	b. m. b. m.		b. m. x	49	33	20	Trace	-	4.3

## 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.

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

## THE BEAUFORT SCALE OF 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	Less than 0.3
1	1-3	0.3-1.6
2	4-7	1.6-3.3
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	64-75	28.5-33.6
12	Above 75	33.7 or above

## SYMBOLS—

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

## LONDON OBSERVATIONS.

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. G.M.T.	9 h. G.M.T.
24 HOURS ENDED 9H G.M.T. 7 <sup>th</sup>								YESTERDAY.	TO-DAY.	
Greenwich (Royal Observatory)				49	29	22	-	4.4	71	78
City (Bunhill Row)	*	*	*	*	*	*	*	1.9	*	*
Westminster (St. James's Park)	*	*	*	50	35	26	-	3.0	67	84
" (Admiralty Arch)	om	bcm	bcm	51	37	*	-	3.3	68	84
Camden Sq. (British Rainfall)	om c	bc c	*	48	29	25	-	*	72	93
Kensington Palace	b	b	*	49	34	25	-	*	84?	90
Hampstead Obsv.	bf	bf	bexf	46	32	26	-	2.2	*	91

## SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.	YESTERDAY.		TO-DAY.
	15 h. G.M.T.	9 h. G.M.T.	
Total	255	-	-
Milliwatts.			
Average Rate.	7.6	-	-
Maximum Rate.	26	-	-

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

7th & 8th February 1920			
Stations.	Sunrise.		Sunset.
	G.M.T.	G.M.T.	
Yarmouth ...	7.27	12.7	4.47
Greenwich ...	7.26	12.7	4.48
Wick ...	7.31	12.14	4.57
Valencia ...	7.30	12.14	4.58
	8.8	12.26	4.46
	8.6	12.16	4.36
	8.13	12.55	5.37
	8.12	12.55	5.38

## NOTES ON THE WEATHER OF YESTERDAY.

Temperatures did not reach 50° except in Ireland (Blackrod 55°, Valencia 52°, Donaghadee 51°).

Sunshine records were good in E. and S.E. England and locally in S.W. England but were poor elsewhere. Hastings had 7.5 hours, Lowestoft 7.4 hours and several other stations over 7 hours sunshine. There was practically no rain over the British Isles.





## AIR MINISTRY.

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

BRITISH SECTION.

No 21,262 B

SUNDAY, 8<sup>TH</sup> FEBRUARY, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H.																												
STATIONS.	BAROM.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.	BAROM.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.
	at M.S.L. mb.		Dir.	Force 0-12.						Form.	Am't. 0-10.	Form.	Am't. 0-10.		Dir.		Force 0-12.	Form.						Am't. 0-10.				
	13H. G.M.T. OF 7 <sup>th</sup>																											
Eskdalemuir ...	1024.6	-3	S	3	c2	37	65	5	-	-	-	-	-	6	1024.1	0	SSW	4	om	39	87	5	-	St	10	-	-	-
Valencia (Cahire'n)	1016.2	0	S	6	o	52	87	7	1 1/2-2000	StCu	10	-	-	5	1019.2	+6	WSW	3	od	46	92	6	1 1/2-2000	St	10	-	-	-
Baldonnell ...	1021.1	-2	S	4	og	49	92	4	1 1/2-2000	StCu	6	asr	4	-	1021.0	0	S	5	og	47	92	4	1 1/2-2000	St	7	asr	3	-
19H. G.M.T. OF 7 <sup>th</sup>																												
Anglesey (Llangefel)	1026.8	0	S	2	o	47	55	7	-	StCu	9	-	-	-	1028.0	+2	S	2	om	45	87	4	-	St	10	-	-	-
Falmouth ...	1029.5	0	ESE	3	b	45	87	6	1 1/2-2000	StCu	2	-	-	4	1030.3	+2	SE	3	b	44	92	3	-	-	-	ac	1	3
Calshot (Hants) ...	1029.5	0	ESE	3	b	45	87	6	1 1/2-2000	StCu	2	-	-	4	1030.3	+2	SE	3	b	44	92	3	-	-	-	ac	1	3
Lymington (Folkestone)	1029.5	0	ESE	3	b	45	87	6	1 1/2-2000	StCu	2	-	-	4	1030.3	+2	SE	3	b	44	92	3	-	-	-	ac	1	3
1H. G.M.T. OF 8 <sup>th</sup>																												
Aberdeen ...	1022.7	-2	SSE	3	bc	43	82	4	-	St	2	ac	2	4	1021.4	0	S	2	o2	41	92	4	-	St	10	-	-	4
East Fortune ...	1023.9	-4	SSE	2	bc	49	65	5	1 1/2-2000	St	2	asr	3	-	1022.9	-1	-	0	c2	42	82	5	2-3000	StCu	7	-	-	-
Flemington Hd.	1029.3	-1	SSW	5	b	41	75	6	-	-	-	asr	2	-	1029.1	+3	SSW	5	b	39	92	5	-	-	-	ac	2	-
Felixstowe ...	1032.1	-1	S	3	b	44	75	6	-	-	-	-	-	3	1032.5	+2	S	2	b	40	92	6	-	-	-	-	-	3
Cranwell (Lincs)	1029.5	-2	SE	3	b	41	82	5	-	-	-	-	-	-	1029.6	0	SSE	3	b	35	98	3	2-3000	St	3	-	-	-
Shoeburyness...	1031.3	0	S	1	b	45	75	7	-	-	-	-	-	-	1031.7	+1	S	1	b2	37	87	6	-	-	-	-	-	-
Benson ...	1029.0	0	SSE	2	b	45	75	4	-	-	-	-	-	-	1029.4	0	SSE	3	b	40	92	5	-	-	-	-	-	-
London (Kew Obs.)	1030.1	-1	S	1	b2	45	75	5	-	-	-	-	-	-	1030.8	+2	SE	1	b	40	87	2	-	-	-	-	-	-
7H. G.M.T. OF 8 <sup>th</sup>																												
Eskdalemuir ...	1021.4	-3	SSW	6	om	41	87	5	-	St	10	-	-	-	1021.7	+3	SW	5	or	38	92	6	1 1/2-2000	St	4	asr	6	-
Valencia (Cahire'n)	1023.8	+4	WSW	2	bc	45	-	-	-	-	-	-	-	-	1026.5	+3	WSW	4	bc	44	75	8	3-4000	St	3	ac	2	-
Baldonnell ...	1023.8	+4	WSW	2	bc	45	-	-	-	-	-	-	-	-	1026.5	+3	WSW	4	bc	44	75	8	3-4000	St	3	ac	2	-
24 HOURS ENDED 7 <sup>th</sup> 8 <sup>th</sup>																												
Anglesey (Llangefel)	1029.6	0	SSW	3	om	46	92	4	-	St	10	-	-	-	1030.0	0	SSW	3	om	45	92	4	-	StCu	10	-	-	-
Falmouth ...	1031.3	+2	SW	3	o	44	92	2	1 1/2-2000	St	10	-	-	3	1032.2	0	SW	2	o2	44	92	3	1 1/2-2000	St	10	-	-	3
Calshot (Hants) ...	1031.3	+2	SW	3	o	44	92	2	1 1/2-2000	St	10	-	-	3	1032.2	0	SW	2	o2	44	92	3	1 1/2-2000	St	10	-	-	3
Lymington (Folkestone)	1031.3	+2	SW	3	o	44	92	2	1 1/2-2000	St	10	-	-	3	1032.2	0	SW	2	o2	44	92	3	1 1/2-2000	St	10	-	-	3
STATIONS CONTRIBUTING REPORTS AT 7H. AND 19H.																												
STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dir.	Force 0-12.	Weather.	Sea.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.						
	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.										
	19H. G.M.T. OF 7 <sup>th</sup>																											
Lerwick ...	1015.0	44	S	6	om	1009.8	0	41	-3	S	5	-	omr	3	2	44	40	om	om	omr.	om	omr.	-					
Stornoway ...	1010.1	48	S	6	og	1010.8	0	39	-9	SW	5	-	cpq	4	5	48	38	og	og	og	og	og	0.0					
Castletown (Barrals)	1013.1	47	S	6	or	1014.2	0	42	-4	SW	4	-	o	5	4	48	39	or	or	or	or	or	0.0					
Glasgow ...	1021.0	43	S	4	bc	1019.7	+1	40	-1	SW	3	-	w	0	5	45	39	om.	o.c	bc.og	bc.og	bc.og	0.0					
Malin Head ...	1012.3	49	S	4	c	1017.1	+1	39	-7	WSW	4	-	SW	cr	3	4	50	39	c	c	bc	0.3						
Blacksod Point	1015.0	45	WSW	1	omr	1019.5	0	43	-10	WNW	4	-	w	cpq	4	9	44	37	bc.	omr	omr	omr	0.0					
Roche's Point...	1021.9	49	S	5	o	1027.5	+4	42	-6	WSW	3	-	b	4	2	50	42	om	om	om	om	om	0.0					
Birr Castle ...	1019.2	50	SE	3	c	1024.5	-	39	-8	S	1	-	c	4	9	51	38	c	c	c	c	c	0.0					
Donaghadee ...	1020.6	45	S	4	om	1019.9	0	41	-4	WSW	2	-	c	2	3	47	40	om	om	om	om	om	0.0					
Liverpool (Bidston)	1026.3	41	SSE	3	o	1025.5	0	41	+6	WNW	4	-	r	3	2	47	35	bm.	o	c.or	c.or	c.or	5.1					
Holyhead ...	1024.0	45	S	6	cpq	1025.4	+3	42	-1	w	4	-	orm	3	5	46	41	bc.c.o	o.cmqg	bc.c.o	bc.c.o	bc.c.o	0.0					
Pembroke (St. Ann's Head)	1026.1	45	SSE	3	o	1027.7	+2	43	-2	NW	2	-	o	3	3	47	42	o	o	o	o	o	0.0					
Sceilly (St. Mary's)	1026.4	47	S	4	c	1028.4	0	49	+2	SSW	4	-	SW	bc	5	-	51	46	c.bc.o	o.bc.c	bc.c	bc.c	bc.c	5.0				
Jersey (St. Aubin)	1029.9	41	SSW	3	b	1032.4	0	40	-2	S	2	-	b	2	-	46	40	b.	b.	bc.b	bc.b	bc.b	6.8					
Portland Bill ...	1028.2	46	ESE	3	bc	1030.5	+1	45	0	SW	3	-	o	3	-	48	42	bc	bc	bc	bc	bc	0.0					
Dungeness ...	1031.1	45	S	4	b	1031.9	+1	45	+6	SSW	3	-	b	3	-	45	39	b.	b.	b.	b.	b.	0.0					
Wick ...	1014.8	44	S	4	omq	1012.1	0	39	-6	SW	3	-	c	4	-	44	38	omq.om	omq	omq	omq	omq	0.2					
Nairn ...	1014.3	46	SSW	7	c	1014.8	-	38	-7	WSW	1	-	bc	1	1	50	37	cpq	cpq	cpq	cpq	cpq	0.0					
Leith ...	1021.9	44	SW	2	o	1019.1	0	41	+4	SW	2	-	o	2	1	47	36	om.c	c.bc.c.o	o.cqg	o.cqg	o.cqg	0.0					
Tynemouth ...	1025.6	38	SW	3	mf	1023.4	+2	38	+3	SW	3	-	om	3	-	40	34	f	f	f	f	f	0.0					
Spurn Head ...	1028.1	40	S	3	b2	1026.3	0	37	-1	S	4	-	bm	4	-	42	34	b2	b2	b2	b2	b2	7.3					
Yarmouth (Gorleston)	1031.3	40	S	4	b	1030.9	0	41	+2	WSW	3	-	cm	3	-	43	39	b.	b.	b.	b.	b.	7.1					
Clacton-on-Sea	1031.5	42	S	3	b	1031.7	+1	43	+3	SSW	2	-	o2	2	-	43	39	bc.b2	bc.b2	bc.b2	bc.b2	bc.b2	0.0					
Nottingham ...	1028.5	38	S	1	b	1028.0	-	41	+12	SW	3	-	o	3	-	43	27	bm	bm	bm	bm	bm	0.0					

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ Longitude at 11.



# SUMMARY OF CONDITIONS AT 7 A.M. Sunday, 8th February, 1920.

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

GENERAL INFERENCE from observations received up to 9 A.M.

Pressure is high to the S.E. of the British Isles and low to the W.W. Small secondary disturbances are likely to move across and cause local showers. In the East and South-East, mainly fair weather is probable.

**EXPLANATION.**  
 BAROMETER.—Isobars are drawn at intervals of two millibars.  
 WIND.—Direction is shown by a line lying with the wind. Force, on a Beaufort scale, is indicated by the number of flags. Mean velocity is shown in feet per hour by figures in small circles.  
 TEMPERATURE.—Isotherms are drawn at intervals of 1°.  
 WEATHER SYMBOLS.—  
 ☉ clear sky. ☁ sky & cloudy. ☂ rain. ☃ overcast sky. ☄ rain & snow. \* snow. △ hail. ☌ fog. ☎ thunder. ☏ thunder & rain. ☐ sea disturbance. ☑ rough sea.  
 Further Outlook

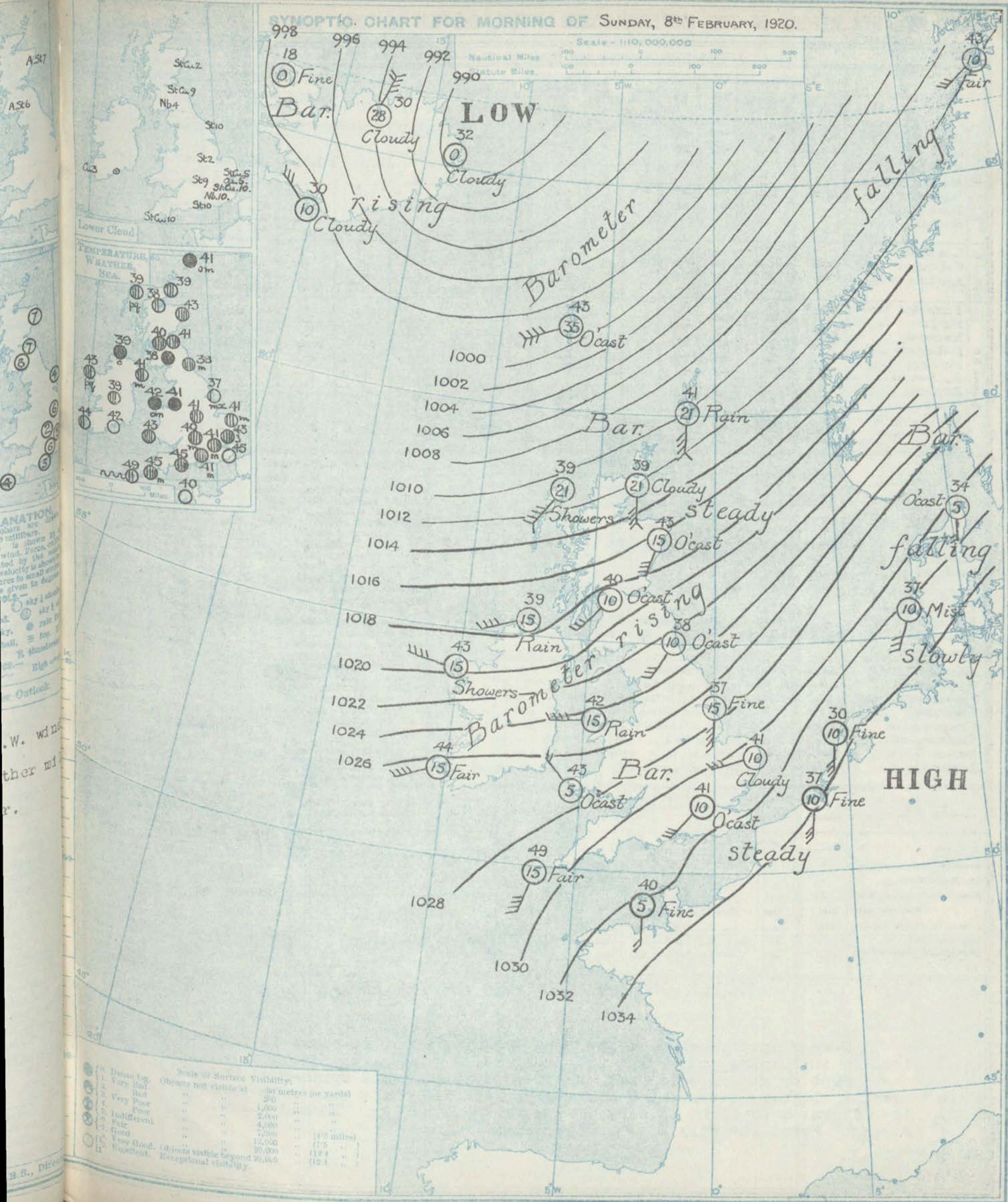
Districts.	Forecasts for the 24 hours commencing 3 p.m.
1. S.E. England	Light or moderate winds between S.W. and W..
2. E. England	Mainly fair, but with considerable amount of cloud at times; local showers. Visibility indifferent to fair.
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Moderate temperature or rather mild.
6. South Wales	
7. North Wales	
8. N.W. England	Moderate or fresh winds between S.W. and W. Cloudy,
9. N. Midlands	with fairer intervals, some showers. Visibility
10. N.E. England	indifferent to fair. Moderate temperature.
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	Moderate or fresh S.W. to W. winds. Cloudy,
15. Hebrides	some showers, fair intervals. Visibility fair.
16. Orkneys and Shetlands	
17. N.W. Ireland	Moderate temperature.
18. N.E. Ireland	
19. S.E. Ireland	Light to fresh winds between S.W. and W. Variable sky,
20. S.W. Ireland	local showers. Visibility fair. Moderate temperature.

W. - S.W. wind  
 and rather mild  
 weather.



SUNDAY, 8<sup>th</sup> FEBRUARY, 1920.

Scale = 1:10,000,000





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, 12h-9h.	Day, 9h-12h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 12h-9h.	Day, 9h-12h.	Sunrise to Sunset.
Scotland.	Oban ... ..	o.	c	47	43	mm.	mm.	0.0	England, N.W.	Douglas (I.O.M.)							
	Banff ... ..	o.c.bc	bc.c	47	39	-	-	0.2		Blackpool ... ..							
	Montrose ... ..									Southport ... ..	o.c	c.bc.b.bc	45	36	-	-	4.0
	St. Andrews ... ..	*	*														
England, N.E.	Harrogate ... ..	f.b	bz	40	31	0.1	-	2.8	Midlands.	Buxton ... ..							
	Scarborough ... ..	*	*	44	34	-	-	6.7		Leamington Spa ... ..	*	*	47	30	-	-	3.2
	Skegness ... ..									Malvern ... ..	2.bc	bc.b	45	36	-	-	3.4
										Ross-on-Wye ... ..	c.bc.b	bc	49	39	-	-	
England, E.	Lowestoft ... ..								Wales.	Rhyl ... ..							
	Felixstowe ... ..	bc.m	bc.m	43	42	-	-	7.7		Colwyn Bay ... ..	*	*					7.7
	Southend-on-Sea ... ..	b.	b	48	35	-	-	7.8		Llandudno ... ..	*	*	51	34	-	-	4.5
										Aberystwyth ... ..	o.c.b.	c.o	48	43	*	*	
England, S.E.	Tunbridge Wells	bm.b	b	46	31	-	-	6.6	England, S.W.	Weymouth ... ..							
	Margate ... ..	bc.	bc	45	36	-	-	4.8		Teignmouth ... ..							
	Ramsgate ... ..	bc	bc	43	36	-	-	6.9		Torquay ... ..							0.2
	Folkestone ... ..	b.	b	45	37	-	-	7.6		Paignton ... ..	c.	bc.o	47	35	-	-	0.2
	Hastings ... ..	b.	b	46	39	-	-	8.5		Penzance ... ..							
	Eastbourne ... ..	*	*	45	41	-	-	8.1		Newquay ... ..							
	Brighton ... ..									Bude ... ..							
	Worthing ... ..	b.	b	48	40	-	-	8.0		Ilfracombe ... ..							
	Littlehampton ... ..	b.	b	45	43	-	-	7.8		Weston-s-Mare ... ..							
	Bournemouth ... ..			49	42	trace	-	5.5		Bath ... ..	c.bc.b	b	51	40	-	-	6.5
	Ventnor (I. of W.)	*	*	49	40	-	-	8.3									

## STATIONS.

## SUMMARIES FOR PAST 24 HOURS.

## WEATHER.

7h-12h 12h-18h 18h-7h

## TEMPERATURE.

Max. Temp. Min. Temp. Min. on Grass.

°F. °F. °F.

7h-12h 12h-18h 18h-7h

Rainfall.

Day, 7h-12h Night, 12h-7h

mm. mm.

Sun.

Hours.

Eskdalemuir ... om.s. bc.m.c. 0.2 0.2 om om.or 44 27 35 - 3 2.8

Valencia (Cahirciveen) ... o o.opro 10.c.bc 53 42 39 2 3 0.0

Baldonnel ... c.og q.c.o

Anglesey (Llangefni) ... o o.02 om b.w.om 47 42 41 - - 0.1

Falmouth ... o.02 om b.w.om 47 42 41 - - 0.1

Calshot (Hants) ... o.02 om b.w.om 47 42 41 - - 0.1

Lympe (Folkestone) ... o.02 om b.w.om 47 42 41 - - 0.1

Aberdeen ... om.cm bc.m.cm om.cm 45 40 1 - - 0.0

East Fortune ... o.bc.c 2.b.bc q.bcc q.c.o 50 42 - - -

Flamborough Head ... bz b.b.cq q.z bc.cq 43 36 - - -

Felixstowe ... 2.b 2.b b.bc.z b.bc.c 46 40 - - -

Cranwell (Lines) ... b.em b.b.bc b.bc.o b.bc 42 30 - - -

Shoburness ... b b.bz bz bc.c 47 33 28 - - 7.8

Benson ... bm.b. b. b.c.o 47 31 25 - - -

London (Kew Obs.) ... b.f.b. bz.bm bm bc.m cm om 47 32 24 0.1 trace 6.0

## 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.

y unusual visibility.

w dew. x hoar frost.

y dry air; humidity less than 60 per cent.

z dust haze; the turbid atmosphere of dry weather.

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

## 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.

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	1.6-5.8
3	8-12	8.4-5.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.6
12	Above 76	33.6 or above

## SYMBOLS.

Aurora ☆ Solar halo ☉

Rime ☑ Lunar halo ☾

Glazed frost ~ Solar corona ☼

Glazed roads ☼ Lunar corona ☾

## LONDON.

## OBSERVATIONS.

## WEATHER.

Morning. Afternoon. Night.

## TEMPERATURE.

Max. Temp. Min. Temp. Min. on Grass.

°F. °F. °F.

Rainfall.

Sunshine to Sunset.

Hours.

Humidity %

15h. 9h. G.M.T. G.M.T.

24 HOURS ENDED 9h G.M.T. 8th

YESTERDAY.

TO-DAY.

Greenwich (Royal Observatory) b. b. bm. 48 35 25 - 7.9 71 85

City (Bunhill Row) \* \* \* \* \* 7.9 71 85

Westminster (St. James's Park) \* \* \* \* \* 7.9 71 85

Admiralty Arch bm bm bm.bc.o 50 39 - - 5.3 67 81

Camden Sq. (British Rainfall) mc. bc.c \* 47 36 29 - - 85 85

Kensington Palace b. b. \* 47 35 30 - - 87 86

Hampstead Observatory b.f.x.bm bm bw.x.om 46 35 29 trace 5.7 \* 84

## 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.

8th 9th February 1920

Stations. Sunrise. Noon. Sunset.

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

Yarmouth ... 7.26 12.7 4.48

Greenwich ... 7.24 12.7 4.50

Wick ... 8.6 12.26 4.46

Valencia ... 8.12 12.55 5.40

## NOTES ON THE WEATHER OF YESTERDAY.

Temperature reached or exceeded 50° at several stations in Ireland and locally in S.W. England, Wales and Scotland.

Much bright sunshine was experienced in East and South-East England, several stations recording 8 hours or more. There was some rain during the afternoon or night at many places in Scotland, Ireland and Wales. Blacksed Point and Birr each had 9 m.m. of rain.





## AIR MINISTRY.

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

BRITISH SECTION.

No 21,263B

MONDAY...9<sup>th</sup> FEBRUARY...1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 18H AND 18H.																												
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	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. 0-10.	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. 8 <sup>th</sup>														18H. G.M.T. OF 8 <sup>th</sup>											
Eskdalemuir ...	1012.5	0	SW	6	opq	40	52	7	-	Ab	8	-	-	*	1025.7	+4	SSW	3	c	37	82	8	-	St. Cu	8	-	-	*
Valencia (Cahiro'n)	1029.7	+3	WSW	4	c	50	75	8	12-2000	St. Cu	8	-	-	4	1031.8	+4	WSW	2	c	47	75	8	2-3000	Cu	7	-	-	3
Baldonnel ...	1027.7	+1	W	5	cq	44	58	5	12-2000	St. Cu	8	-	-	*	1029.9	+4	WSW	4	bc	40	98	6	3-4000	St. Cu	2	A. St	3	*
Anglesey (Llangefni)																												
Falmouth ...	1032.3	13	NW	2	c	46	82	7	-	St. Cu	7	-	-	*	1034.6	+3	NW	2	bz	42	87	6	-	Cu	1	A. St	1	*
Calshot (Hants) ...	1031.7	0	SW	3	0	46	92	7	12-2000	St	10	-	-	3	1033.6	+4	-	0	0	45	98	6	2-3000	St.	10	-	-	2
Lympe (Folkestone)																												
Aberdeen ...	1017.7	0	SW	5	bcp	42	65	7	-	Cu Ab	7	-	-	3	1020.0	+4	SW	3	b	38	65	7	-	-	-	-	-	2
East Fortune ...	1020.7	0	WSW	6	cq	45	75	8	2-3000	St. Cu	7	-	-	*	1023.4	+2	W	3	bc	37	87	6	3-4000	St. Cu	3	-	-	*
Flamborough Hd.	1026.8	0	SW	4	opq	41	97	4	2-1000	Ab	10	-	-	-	1027.9	+2	SW	3	?	38	92	2	2-3000	St. Cu	?	?	?	-
Felixstowe	1031.6	-3	S	2	bc	48	75	6	-	-	-	-	-	2	1032.1	+2	SW	2	0	44	92	5	12-2000	St.	10	-	-	1
Cranwell (Lincs)	1028.6	0	SW	4	cr	43	92	5	2-1000	Ab	10	-	-	-	1030.7	+2	WSW	3	b	37	98	3	2-3000	St	2	-	-	*
Shoeburyness	1031.9	-1	SW	2	bcp	51	75	6	-	-	-	-	-	*	1032.5	+1	SW	2	om	45	82	5	1-1500	St.	10	-	-	*
Benson ...	1030.1	-1	SW	4	0	49	75	5	-	-	-	-	-	*	1032.3	+3	-	0	b	37	92	7	-	-	-	-	-	*
London (Kew Ob.)	1030.4	-1	SSW	3	cq	49	75	5	2-4000	Cu	3	Ci St	-	*	1032.6	+2	WSW	2	om	46	92	4	2-3000	St. Cu	7	A. St	2	*
1H. G.M.T. OF 9 <sup>th</sup>												7H. G.M.T. OF 9 <sup>th</sup>																
Eskdalemuir ...	1027.0	0	SW	4	0	34	92	6	-	St	2	Ci. St	7	*	1021.0	-6	SSW	6	om	40	92	4	-	Ab	10	-	-	*
Valencia (Cahiro'n)	1030.9	0	WSW	2	bcm	48	*	*	*	*	*	*	*	*	1028.1	-3	SW	5	0	49	92	5	-	St	10	-	-	*
Baldonnel ...	1029.8	-1	SW	5	bcp	40	98	5	12-2000	St.	2	A. St	3	*														
Anglesey (Llangefni)																												
Falmouth ...	1035.6	0	W	3	b	42	92	7	-	-	-	-	-	*	1034.9	0	W	2	bc	42	92	4	-	Cu	2	A. St	6	*
Calshot (Hants) ...	1036.8	+2	-	0	b	37	98	7	-	-	-	-	-	2	1026.3	0	-	0	bc	39	78	6	2-3000	St	1	Ci	2	0
Lympe (Folkestone)																												
Aberdeen ...	1025.1	+1	W	5	bc	39	82	5	2-3000	St. Cu	1	A. St	4	*	1018.2	-10	S	3	0	39	92	5	-	St	10	-	-	2
East Fortune ...															1018.5	-6	S	4	C	41	92	5	2-3000	St. Cu	6	A. St	2	*
Flamborough Hd.	1034.5	+1	SW	2	b	41	92	4	-	-	-	-	-	2	1027.1	-1	SW	5	of	36	92	4	1-1500	St	10	-	-	1
Felixstowe	1031.7	+1	SW	3	b	35	98	5	-	-	-	-	-	*	1033.4	0	SW	2	cf	34	98	0	-	-	-	-	-	*
Cranwell (Lincs)															1030.2	-2	SSW	2	of	38	98	6	1-1500	Ab	9	A. St	1	*
Shoeburyness															1028.4	0	-	0	of	36	92	0	-	-	-	-	-	*
Benson ...															1032.3	-1	SSW	2	bc	35	98	6	-	St. Cu	5	-	-	*
London (Kew Ob.)	1033.9	*	*	*	*	*	*	*	*	*	*	*	*	*	1033.8	-1	SW	1	bmc	35	92	4	3-4000	St. Cu	2	-	-	*
STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.																												
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.							
			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.										
																			24 HOURS ENDED 7H. 9 <sup>th</sup>									
Lerwick	1011.2	38	SW	5	bcm	1011.4	-8	40	-1	S	2	-	bcm	3	4	44	36	bc	bc	bcp	*							
Stornoway	1016.7	39	W	4	bcp	1001.4	-14	46	-7	SW	6	-	org	5	12	46	?	bc	bcp	bcp	3.8							
Castlebay (Barra)	1020.1	48	W	4	chp	1007.0	-10	48		WSW	7	-	or	6	5	48	37	oshp	o.bchp	chp	2.5							
Glasgow	1023.9	38	W	3	c	1016.4	-8	42	+2	SW	5	-	r	*	3	42	36	corp	c.orh	bc.org	2.2							
Malin Head	1022.4	42	W	4	cyp	1012.1	-5	46	-7	S	4	S	omr	4	3	46	35	cyp	cyp	omr	3.5							
Blacksod Point	1026.0	44	WNW	1	bc	1017.0	-5	48	-5	WSW	4	-	orfg	4	1	54	39	bcp	bcp	cp.cyp	*							
Roche's Point	1032.4	46	W	3	b	1029.6	-4	44	-7	WSW	4	-	b	4	0.3	50	42	b.be	bc.cyp	b.o	*							
Birr Castle	1027.8	44	SW	2	c	1025.3	*	46	-7	S	3	-	o	*	2	47	37	cf	cp	o	2.8							
Donaghadee	1026.3	39	W	2	b	1019.8	-5	44	-3	SW	4	-	omr	3	1	46	35	bcmq	bc.b	bmr	*							
Liverpool (Bidston)	1029.4	42	WSW	3	o	1021.3	-3	43	-2	SW	3	SW	o	3	1	47	39	abc.b	b.be.o	bc.o	4.1							
Holyhead	1029.1	44	WSW	4	cq	1026.3	-3	46	-4	S	5	-	cq	4	2	49	40	ore.be	c.be.c	bc.o	4.5							
Pembroke (St. Ann's Head)	1032.6	46	W	3	c	1031.0	-2	46	-3	WSW	4	-	o	4	2	47	43	oer	bc.v.c	bc.o	5.5							
Scilly (St. Mary's)	1034.8	46	WNW	3	bv	1034.3	-1	47	+2	WNW	4	-	c	5	1	50	44	op.c	bv	b.be.c	2.7							
Jersey (St. Aubin)	1033.8	46	SSW	2	b	1035.6	0	36	+4	NW	2	-	b	2	1	49	35	b.be.c.o	o.be.b	bc.ab	2.3							
Portland Bill	1032.9	46	NW	2	c	1033.3	0	45	0	WNW	3	-	bc	3	1	48	40	o	ope	bc	*							
Dungeness	1032.3	45	WSW	3	c	1033.7	0	38	xy	W	2	-	b	2	-	49	32	bc	c	c.b.be	*							
Wick	1015.9	36	WSW	2	b	1007.0	-11	40	-1	S	5	-	omr	4	1	41	38	bc	bcp	bc.omp	*							
Nairn	1019.5	35	-	0	bc	1008.3	*	42	-4	WSW	3	-	cf	2	2	42	33	bc.pc	aprg	bc.lg	3.0							
Leith	1022.6	38	SW	2	c	1016.9	-4	41	0	SW	3	-	r	2	3	46	37	oc.pc	o.c.p.o	cp.lg	*							
Tynemouth	1025.5	42	W	2	bc	1028.2	-2	41	-3	SW	3	-	o	2	trace	46	35	of	bcm	bcm.omp	*							
Spurn Head	1028.6	40	WSW	4	bc	1028.3	-5	38	-1	SW	4	-	bc	3	1	44	32	bm.op	bc	bc	*							
Yarmouth (Gorleston)	1029.7	47	WSW	2	m	1031.1	-1	36	+5	WSW	1	-	bc	1	-	57	36	cm.bc	bc.omp	bc.omp	5.3							
Clacton-on-Sea	1031.6	44	SW	3	o	1032.9	0	35	+8	WNW	3	-	of	2	-	49	33	abc.z	bc.o2	o.bcz	4.6							
Nottingham	1030.7	40	SE	1	b	1030.2	*	38	+3	SSW	1	E	o	*	2	44	32	or	roc.b	b	1.3							

\* Information for these columns not usually received.

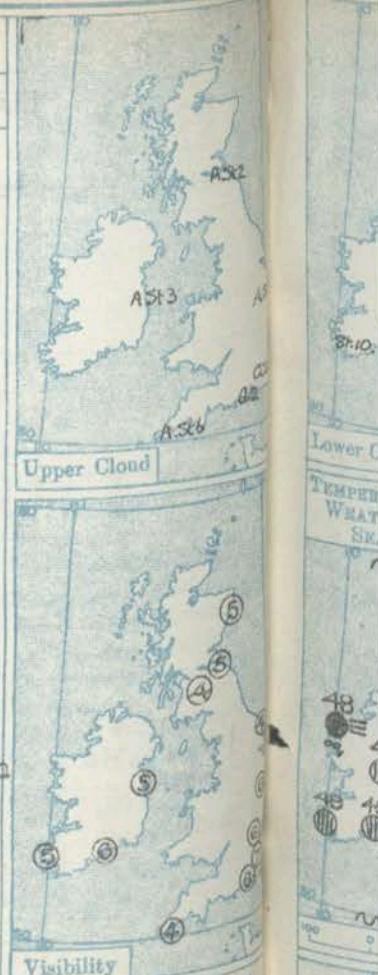
† The barometric change is expressed in half millibars.

‡ Local tide at 1h.



# SUMMARY OF CONDITIONS AT 7 A.M. Monday, 9th February, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW-NW 2-10	R. Cold	Fair or fine, local mist.	Fair	Smooth
2. E. England	S-W 2-10	"	Var. cloud, local fog & rain.	Var.	"
3. E. Midlands	S-SW 0-5	Mod.	Fair to dull.	Fair.	"
4. W. Midlands	S-SW 0-5	"	Fair to dull.	"	"
5. S.W. England	Wly 5-15	"	Fair or cloudy.	Poor	Mod.
6. South Wales	SW 10-15	R. Mild	Dull.	Indiff.	"
7. North Wales	S-SW 10-20	"	Cloudy, local squalls.	Fair	"
8. N.W. England	S-SW 10-20	"	Dull.	Indiff.	Slight
9. N. Midlands	S-SW 5-10	Mod.	Dull.	Fair	"
10. N.E. England	SW 10-15	"	Fair to dull.	"	Slight
11. E. Scotland	S-WSW 10-20	"	Fair, slight mist.	Indiff.	Smooth
12. S.W. Scotland	SSW-WSW 20-30	R. Mild	Overcast, with mist & rain.	Poor	Slight
13. Isle of Man	SW 10-20	Mod.	Dull.	"	"
14. N. & N.W. Scotland	S-SW 15-25	"	Overcast, local drizzle & mist.	Indiff.	Mod.
15. Hebrides	SW 25-30	R. Mild	Dull, rain & squalls.	"	R. Rough
16. Orkneys and Shetlands	S 5-15	Mod.	Fair to dull, misty.	"	Slight
17. N.W. Ireland	S-WSW 15	R. Mild	Dull, rain, mist or fog.	Y-Poor	Mod.
18. N.E. Ireland	SW 15	"	Dull, rain & mist.	Indiff.	Slight
19. S.E. Ireland	SW 10-20	"	Fair to dull, squally.	"	Mod.
20. S.W. Ireland	SW-W 15-20	"	Dull.	"	"



GENERAL INFERENCE from observations received up to 9 A.M.

A deep depression to the South of Iceland will spread Eastward, causing some rain in all districts before long. The S.W. to W. wind will reach gale force generally except in the South of England.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn at intervals of two millibars.  
**WIND.**—Direction is shown by the arrow flying with the wind. Force, in knots, 0-12, is indicated by the number of feathers. Mean velocity is shown per hour by figures in small circles.  
**TEMPERATURE.**—Isotherms are drawn at intervals of one degree.  
**WEATHER SYMBOLS.**  
 ○ clear sky.    ☁ sky & cloud.    ☂ rain.  
 ☉ overcast sky.    ⚡ lightning.  
 \* snow.    ▲ hail.    = fog.  
 T thunder.    R thunder.  
**SEA DISTURBANCE.**—Rough.    Sign.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Monday, 9th February, 1920.
1. S.E. England	Freshening S.W. to W. wind; sky becoming covered with low cloud, some rain. Visibility indifferent. Mild.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Wind S.W. to W., strong to a gale. Sky mainly covered with low cloud, rain at times. Indifferent visibility. Mild.
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	

Further Outlook.

Over the British Isles generally unsettled weather is likely for at least two days, but over East and South East England the outlook is too uncertain to justify an extension of forecast beyond 24 hours.

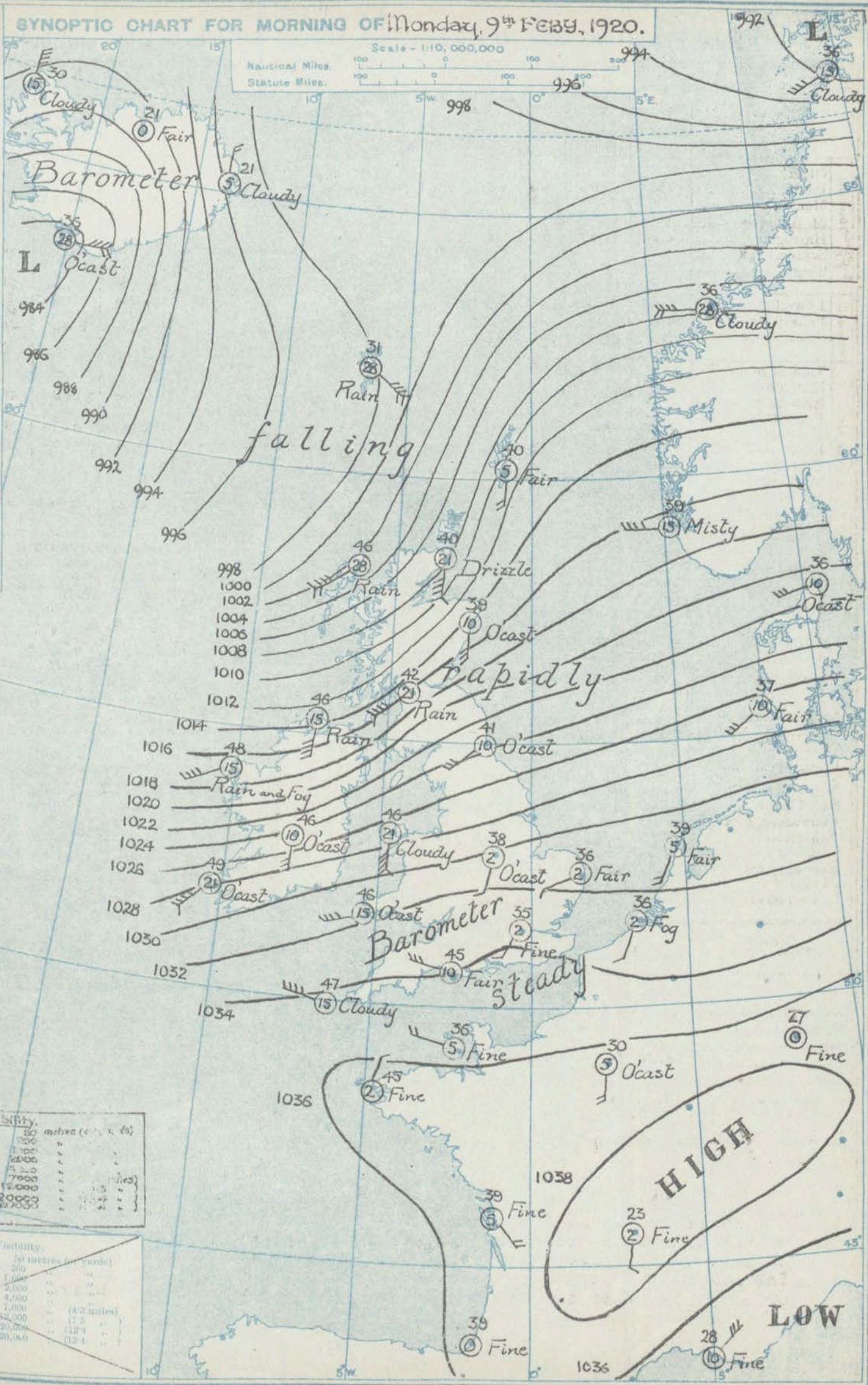
South Coast flying



SYNOPTIC CHART FOR MORNING OF Monday, 9<sup>th</sup> FEBY, 1920.

Scale - 1:10,000,000

Nautical Miles  
Statute Miles.



	Scale on chart	Value	Notes
Dennett's.	" "	50	miles (c. & f.)
Verdier	" "	200	" " "
Vorleser	" "	100	" " "
Influorant	" "	600	" " "
Fell	" "	900	" " "
Good	" "	7000	" " "
Very good	" "	12000	" " "
Excellent	" "	20000	" " "
Exceptional	" "	20000	" " "

Scale of Surface Visibility.	
1. Dark fog.	Objects not visible at 50 metres (or yards)
2. Very Bad.	200 "
3. Bad.	300 "
4. Very Poor.	1,000 "
5. Poor.	2,000 "
6. Indifferent.	4,000 "
7. Fair.	7,000 "
8. Good.	12,000 "
9. Very Good.	20,000 "
10. Excellent.	Exceptional visibility.



## AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 40. B (Monday) 9<sup>th</sup> February

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 8 <sup>th</sup> .																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE. Sunrise to Sun- set.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE. Sunrise to Sun- set.		
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 12h-9h. 7-8	Day. 9h-12h. 8-9				Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 12h-9h. 7-8	Day. 9h-12h. 8-9			
Scotland.	Oban ... ..					mm.	mm.		England, N.W.	Douglas (I.O.M.)						mm.	mm.		
	Banff ... ..	b	b	46	38	1	-	6.0		Blackpool ... ..									
	Montrose ... ..									Southport ... ..	ro	c.bc.cbc	47	36	2	1		3.8	
	St. Andrews ... ..	*	*																
England, N.E.	Harrogate ... ..	c.op	c.b	44	33	0.2	1	2.0	Midlands.	Buxton ... ..			46	34	-	1		1.3	
	Scarborough ... ..	*	*							Leamington Spa ... ..	*	*							
	Skegness ... ..									Malvern ... ..									
										Ross-on-Wye ... ..	c.or.bc	bc.b	50	39	-	1		2.4	
England, E.	Lowestoft ... ..	bc.c	bc.c.o	51	40	-	-	5.4	Wales.	Rhyl ... ..	pc.bc	bc	49	38	1	1		4.4	
	Felixstowe ... ..	bc.m	og	49	43	-	-	5.7		Colwyn Bay ... ..	*	*	48	40	3	-		5.1	
	Southend-on-Sea ... ..	bc	c.o	52	38	-	-	4.7		Llandudno ... ..	rc	b.bc	50	41	5	0.2		4.7	
										Aberystwyth ... ..									
England, S.E.	Tunbridge Wells ... ..	bc.o	o	50	39	-	-	1.7	England, S.W.	Weymouth ... ..									
	Margate ... ..									Teignmouth ... ..									
	Ramsgate ... ..									Torquay ... ..	bc.or	r.bc.c	50	46	-	1		1.0	
	Folkestone ... ..			50	43	-	-	3.9		Paignton ... ..	c.bc.c	cp.b	52	42	-	1		1.4	
	Hastings ... ..	o.b.bc	o	50	43	-	-	3.6		Penzance ... ..	op.r	o.c.bc	49	47	1	0.3		2.1	
	Eastbourne ... ..	*	*	49	42	-	-	2.8		Newquay ... ..	op.c	bv.2	48	43	0.1	1		2.2	
	Brighton ... ..	o	o	46	42	-	-	0.0		Bude ... ..									
	Worthing ... ..	o	o	47	42	-	-	0.0		Ilfracombe ... ..									
	Littlehampton ... ..	om	md	46	41	-	-	0.0		Weston-s-Mare ... ..									
	Bournemouth ... ..	*	*	48	42	-	2	0.2		Barth ... ..	bc.c.o	ro.bc.b	51	41	-	0.3		1.2	
	Ventnor (I. of W.) ... ..	*	*	46	41	-	-	0.0											

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. ° F.	13h-18h. ° F.	18h-24h. ° F.	1h-7h. ° F.				Day. 7h-13h.	Night. 18h-7h.			
								mm.	mm.			
Eskdalemuir ... ..	or as sq.	bc.ophy.bcc	c.bccbbcc	o.crm	41	33	30	1	2	1.5	b blue sky (not more than a quarter covered).	
Valencia (Cahrlveen) ...	bc.e	bc.c	c.ou		50	43	42	-	-	4.9	bc sky partly cloudy (one half covered).	
Baldonnel ... ..	fg	rq	q.pd								c generally cloudy (three quarters covered).	
Anglesey (Llangefni) ...											d drizzle, or fine rain.	
Falmouth ... ..	ofm om	b.bc.z	b	b.bcc	49	37	31	1	-		e wet air without rain falling.	
Calshot (Hants) ... ..	o	od	o	b.bcc	47	35	37	-	-	0.0	f fog. g gloom.	
Lympne (Folkestone)											h hail. l lightning.	
Aberdeen ... ..	c b bc	bep.b	b.crm		46	34	28	trace	-	4.8	m mist. o overcast sky.	
East Fortune ... ..	bcg	prsq	b.bcc	bc.cfd	45	37					p passing showers.	
Flamborough Head	omg	bc.cz	c		43	34					q squalls. r rain.	
Felixstowe	bcz	pdz	c.o.bbc	efz	48	33					rs sleet, i.e., rain and snow together.	
Cranwell (Lincs) ...	c o om	c.or	b.bbc	b.o	44	34					s snow. t thunder.	
Shoeburyness	c bc	bcz.c.o		agfz	52	34	26	-	0.1	4.9	u ugly, threatening sky.	
Benson ... ..	c	or.b			48	30	23	0.3	-		v unusual visibility.	
London (Kew Obs.) ...	om c	conom	c.m. b.mcc		49	33	23	1	-	1.9	w dew. x hoar frost.	
											y dry air; humidity less than 60 per cent.	
											z dust haze; the turbid atmosphere of dry weather.	
											Suffixes 0.1 and 2 attached to Beaufort letters signify intensity, 0=light, 2=heavy. Underlining is used to express continuity.	





## AIR MINISTRY.

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

BRITISH SECTION.

No. 254B

Tuesday, 10<sup>th</sup> February.....1920.

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

STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud		Sea	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud		Sea				
			Dir.	Force					Form.	Amt.	Form.	Amt.				Dir.	Force					Form.	Amt.							
																								0-12.	0-12.					
13H. G.M.T. 9 <sup>th</sup>																														
Eskdalemuir ...	1015.0	-2	SW	7	44	97	4	1-1500	Nb	10	-	-	-	1011.3	-6	SW	6	45	98	3	1-1500	Nb	10	-	-	-				
Valencia (Cahire'n)	1024.7	-3	SW	6	52	82	7	1-1500	St	10	-	-	-	1021.4	-4	SW	6	51	92	6	1-1000	St	10	-	-	-				
Baldonnell ...	1020.5	-4	SW	6	50	92	5	1-1000	St	10	-	-	-	1016.9	-5	SW	6	50	98	4	1-1000	St	10	-	-	-				
18H. G.M.T. OF 9 <sup>th</sup>																														
Anglesey (Llangefni)	1032.4	-3	SW	5	49	82	7	-	St	10	-	-	-	1030.0	-3	SW	5	47	92	2	-	Nb	10	-	-	-				
Falmouth	1032.4	-3	SW	5	49	82	7	-	St	10	-	-	-	1030.0	-3	SW	5	47	92	2	-	Nb	10	-	-	-				
Calshot (Hants) ...	1032.5	-4	SW	4	48	87	7	2-3000	St	10	-	-	-	1030.0	0	SW	3	47	92	6	1-2000	St	10	-	-	-				
Lympne (Folkestone)	1032.5	-4	SW	4	48	87	7	2-3000	St	10	-	-	-	1030.0	0	SW	3	47	92	6	1-2000	St	10	-	-	-				
1H. G.M.T. OF 10 <sup>th</sup>																														
Aberdeen	1004.1	-10	SSW	0	49	82	7	-	St	2	10	3	2	1001.5	-2	SW	4	50	75	7	-	Nb	3	10	2	2				
East Fortune ...	1008.6	-7	WSW	8	50	82	8	1-2000	Nb	4	10	1	-	1006.2	-1	W	7	50	92	7	1-2000	Nb	9	-	-	-				
Flamborough Hd.	1010.0	-3	SW	7	48	82	8	1-2000	St	9	10	1	-	1018.5	-4	SW	7	48	87	4	1-1500	St	10	-	-	-				
Felixstowe	1010.0	-3	SW	7	48	82	8	1-2000	St	9	10	1	-	1018.5	-4	SW	7	48	87	4	1-1500	St	10	-	-	-				
Cranwell (Lincs)	1012.4	-5	SW	7	48	87	6	1-2000	St	8	10	2	-	1011.2	-3	SW	6	48	87	6	1-1500	Nb	9	10	1	4				
Shoeburyness	1013.0	-4	W	2	47	87	6	1-2000	St	5	10	2	-	1018.1	-5	WSW	6	47	82	4	1-1500	St	10	-	-	-				
Benson ...	1029.3	-4	SW	4	47	82	5	-	St	4	10	1	-	1026.1	-5	SSW	4	46	82	6	-	St	8	-	-	-				
London (Kew Obs.)	1030.5	-5	SW	4	46	87	5	1-4000	St	4	10	1	-	1026.5	-5	SW	5	47	82	5	2-3000	St	9	-	-	-				
7H. G.M.T. OF 10 <sup>th</sup>																														
Eskdalemuir ...	1003.8	-3	SW	7	46	98	7	-	Nb	10	-	-	-	997.8	-4	SSW	6	47	98	4	-	Nb	10	-	-	-				
Valencia (Cahire'n)	1014.7	-6	SW	4	51	82	8	-	St	10	-	-	-	1013.1	-1	SW	6	52	92	5	1-1500	St	10	-	-	-				
Baldonnell ...	1010.2	-7	WSW	6	50	98	3	1-1500	Nb	10	-	-	-	1013.1	-1	SW	6	52	92	5	1-1500	St	10	-	-	-				
24 HOURS ENDED 7H. 10 <sup>th</sup>																														
Anglesey (Llangefni)	1028.4	-6	SW	7	48	82	5	-	Nb	5	-	-	-	1021.9	-5	SW	7	48	92	3	-	Nb	10	-	-	-				
Falmouth	1028.4	-6	SW	7	48	82	5	-	Nb	5	-	-	-	1021.9	-5	SW	7	48	92	3	-	Nb	10	-	-	-				
Calshot (Hants) ...	1028.5	-2	WSW	5	47	92	3	1-2000	Nb	10	-	-	-	1020.1	-9	SW	6	48	92	3	1-2000	Nb	10	-	-	-				
Lympne (Folkestone)	1028.5	-2	WSW	5	47	92	3	1-2000	Nb	10	-	-	-	1020.1	-9	SW	6	48	92	3	1-2000	Nb	10	-	-	-				
Aberdeen	999.0	-5	WSW	7	53	82	6	1-2000	Nb	5	-	-	-	988.7	0	WSW	5	52	65	7	-	-	-	-	-					
East Fortune ...	991.2	-4	SW	7	45	?	1	1-1500	St	10	-	-	-	993.6	-5	WSW	6	52	92	7	1-2000	Nb	10	-	-	-				
Flamborough Hd.	1010.0	-3	SW	7	48	82	8	1-2000	St	9	10	1	-	1004.5	-3	SW	6	48	87	4	1-1500	St	10	-	-	-				
Felixstowe	1010.0	-3	SW	7	48	82	8	1-2000	St	9	10	1	-	1004.5	-3	SW	6	48	87	4	1-1500	St	10	-	-	-				
Cranwell (Lincs)	1016.1	-5	SW	5	48	87	6	1-2000	St	10	-	-	-	1017.5	-6	SW	4	48	92	3	1-1500	Nb	9	10	1	4				
Shoeburyness	1016.1	-5	SW	5	48	87	6	1-2000	St	10	-	-	-	1008.7	-6	SW	7	48	92	3	1-1500	Nb	9	10	1	4				
Benson ...	1016.5	-5	SW	7	48	82	6	1-2000	St	10	-	-	-	1016.5	-5	SW	7	48	82	6	1-2000	St	10	-	-	-				
London (Kew Obs.)	1021.3	-3	SW	4	47	82	5	1-4000	St	4	10	1	-	1014.9	-5	SW	5	48	87	6	-	St	10	-	-	-				
(M.O. at 1H.)	1021.3	-3	SW	4	47	82	5	1-4000	St	4	10	1	-	1016.7	-6	SW	5	48	87	6	2-3000	St	10	-	-	-				
STATIONS CONTRIBUTING REPORTS AT 7H. AND 15H.																														
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		WEATHER.	BAROMETER.		TEMPERATURE.		WIND.		Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Sunshine Hours.				
			M.S.L. mb.	Change in 3 hours.		Temp. °F.	Change in 24 hours.	Dir.	Force	Dir.	Force																Dir.	Force	Dir.	Force
15H. G.M.T. OF 9 <sup>th</sup>																														
Lerwick	991.4	47	WSW	9	cmg	980.4	-2	45	SW	9	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Stornoway	994.2	49	WSW	6	adg	986.4	+2	42	W	6	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Castlebay (Barra Is)	1006.9	47	SW	5	ond	994.9	-2	50	WSW	5	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Glasgow	1003.3	47	WSW	6	cmg	994.6	+2	46	WSW	4	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Malin Head	1010.8	50	WSW	4	ond	1000.2	-5	51	WSW	4	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Blacksod Point	1012.0	49	WSW	5	o	1014.1	-4	51	WSW	5	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Roche's Point...	1017.6	50	SW	5	r	1006.5	-	52	SW	5	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Birr Castle	1012.7	50	WSW	5	cmg	1006.2	-5	53	WSW	6	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Donaghadee	1017.8	49	SW	5	o	1004.9	-6	50	WSW	7	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Liverpool (Bidston)	1018.4	47	SW	6	og	1006.1	-4	49	SW	6	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Holyhead	1024.5	47	SW	5	o	1013.6	-6	48	WSW	8	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Pembroke (St. Ann's Head)	1030.7	48	WSW	4	c	1023.0	-4	49	WSW	6	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Scilly (St. Mary's)	1033.3	47	WSW	2	og	1026.1	-1	47	SW	5	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Jersey (St. Aubin)	1029.6	48	WSW	5	og	1019.6	-6	47	WSW	8	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Portland Bill	1024.0	46	WSW	4	c	1018.4	-4	46	WSW	7	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Dungeness	996.4	46	WSW	3	bc	985.6	0	43	WSW	1	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Wick	997.1	49	WSW	4	r	990.6	-	47	W	3	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Nairn	1004.9	50	WSW	7	r	992.7	-1	52	WSW	7	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Leith	1010.4	50	SW	4	cmg	996.5	-6	52	SW	4	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Tynemouth	1016.8	46	SW	4	c	1005.2	-	46	SSW	6	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Spurn Head	1012.3	46	WSW	5	o	1012.3	-5	47	W	5	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Yarmouth (Gorleston)	1025.9	45	SW	4	o	1015.7	-6	46	SW	5	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Clacton-on-Sea	1020.3	49	SW	4	o	1008.7	-	50	SW	5	-	0	0	0	0															



# SUMMARY OF CONDITIONS AT 7 A.M. Tuesday, 10th February, 1920

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW-W. 20-35	Mild	Dull, mist and drizzle.	Indiff.	Rough
2. E. England	SW. 20-35	"	Dull, misty and squally, drizzle.	"	Mod.
3. E. Midlands	SW. 20	"	Dull, misty.	Good	"
4. W. Midlands	SW. 20-25	"	Overcast.	Indiff.	"
5. S.W. England	WSW. 30-40	R. mild	Squally, local rain, dull	Poor	Rough
6. South Wales	WSW. 40-45	"	Squally, dull and showery.	Indiff.	High
7. North Wales	WSW. 25-30	Mild	Dull, squally showers	"	Rough
8. N.W. England	WSW. 30-35	"	Overcast, rain and mist.	"	R. rough
9. N. Midlands	SW. 15-20	"	Overcast, mist and squalls.	"	"
10. N.E. England	S-SW. 15-30	"	Dull, misty and squally.	Good	Mod.
11. E. Scotland	WSW. 15-30	V. mild	Fair to dull, local rain.	"	Slight
12. S.W. Scotland	SSW-WSW. 20-30	Mild	Dull, local drizzle, rain and mist.	Poor	R. rough
13. Isle of Man	WSW. 20-30	Mild	Cloudy or dull, local rain.	Indiff.	Rough
14. N. & N.W. Scot- land	Wly. 5-15	"	Cloudy, local mist & rain.	Poor	Mod.
15. Hebrides	W. 25-30	R. mild	Dull, rain and squalls	Indiff.	R. rough
16. Orkneys and Shetlands	SW. 45-55	"	Dull, rain and mist.	Poor	Rough
17. N.W. Ireland	SW. 15	Mild	Dull, rain and mist.	"	Mod.
18. N.E. Ireland	WSW. 15-30	Mild	Cloudy or dull, local mist and rain.	Indiff.	R. rough
19. S.E. Ireland	SW. 15-25	"	Dull, local rain.	"	Rough
20. S.W. Ireland	SW. 20-30	Mild	Dull, local rain.	Indiff.	R. rough

GENERAL INFERENCE from observations received up to 9 A.M.

A very deep depression far north of the British Isles will move north-east. The wind will continue strong to a gale from a Westerly direction and the weather will remain unsettled generally.

**EXPLANATION.**  
 BAROMETER.—Isobars are drawn at intervals of two millibars.  
 WIND.—Direction is shown by the flying with the wind. Force, on a scale of 0-12, is indicated by the number of feathers. Mean velocity is shown in per hour by figures in small circles.  
 TEMPERATURE.—Isobars are drawn at intervals of two degrees.  
 WEATHER SYMBOLS.—  
 ○ clear sky. ○ sky & clouds.  
 ⊙ overcast sky. ⊙ sky & rain.  
 \* snow. △ hail. ⊞ fog.  
 T thunder. K thunder.  
 SEA DISTURBANCE.—  
 Rough. High.

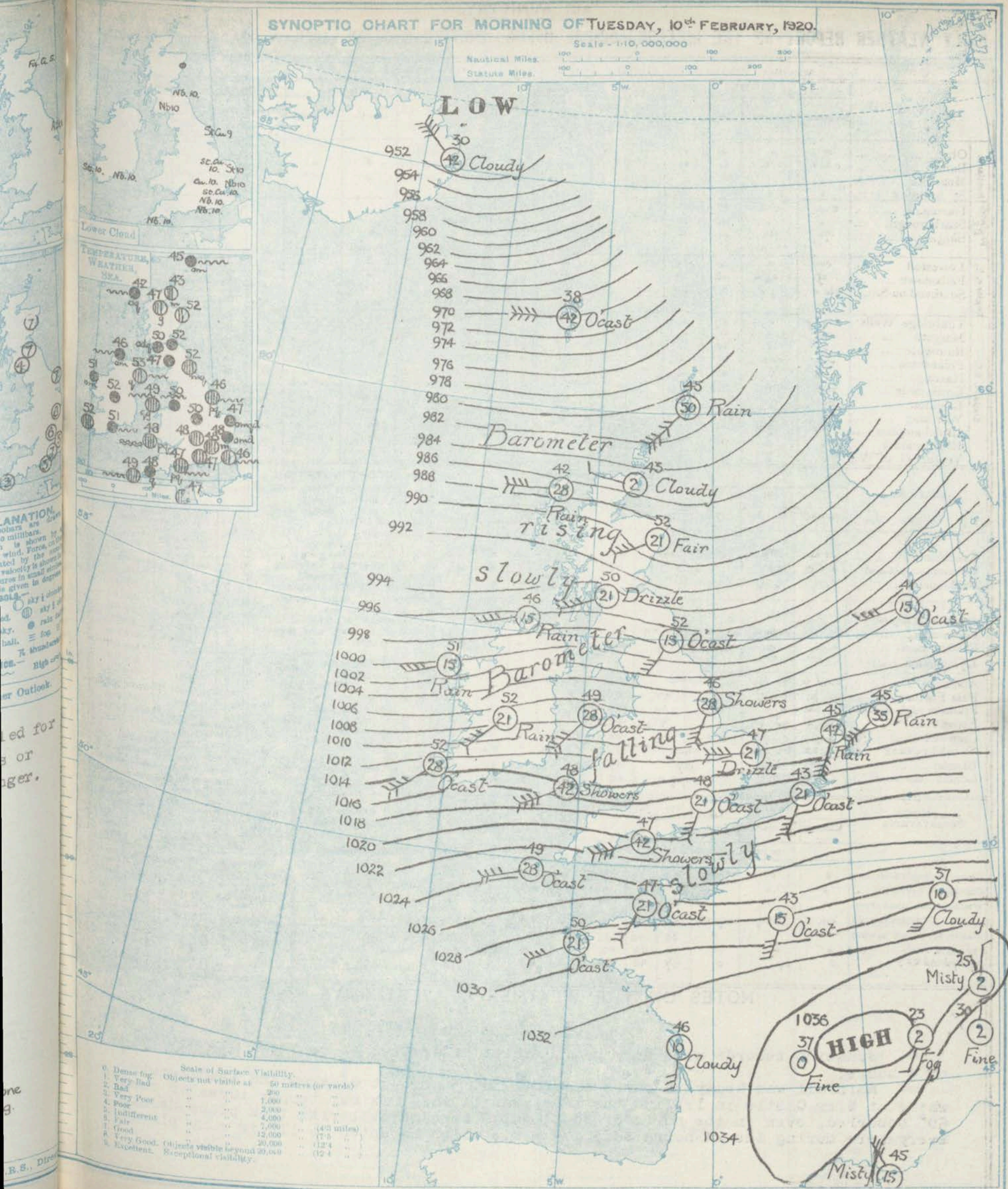
Further Outlook.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Tuesday, 10th February, 1920
1. S.E. England	Westerly wind, strong to a gale, moderating somewhat. Much low cloud, with occasional breaks, rain at times. Visibility fair to good. Somewhat colder.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Westerly wind, strong to a gale, then moderating. Much low cloud, some finer intervals, rain at times, then hail or sleet. Colder.
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Same as for 1-10
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scot- land	
15. Hebrides	
16. Orkneys and Shetlands	Same as for 11-12
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Unsettled for two days or even longer.

South Cone flying.







## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 41... B

Tuesday  
10<sup>th</sup> February

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 9 <sup>th</sup>																	
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 12h-9h.	Day, 9h-12h.	Sunrise to Sunset, 9 <sup>th</sup> .			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 12h-9h.	Day, 9h-12h.	Sunrise to Sunset, 9 <sup>th</sup> .
Scotland.	Oban ... ..	or	or	48	37	20	13	0.0	England, N.W.	Douglas (I.O.M.)	r	o	47	41	-	1	0.0
	Banff ... ..	o bc c	c q c	54	35	-	3.3	1.7		Blackpool ... ..	r	o	47	41	-	1	0.0
	Montrose ... ..	*	*	50	35	1	1	0.2		Southport ... ..	or	or o	48	40	0.1	1	0.0
	St. Andrews ... ..	*	*	50	35	1	1	0.2									
England, N.E.	Harrogate ... ..	c of	of	48	37	0.2	0.2	0.0	Midlands.	Buxton ... ..	*	*	47	34	0.3	-	0.0
	Scarborough ... ..	*	*	49	35	-	-	0.0		Leamington Spa ... ..	*	*	47	34	0.3	-	0.0
	Skegness ... ..	of	fo	45	32	-	0.3	0.0		Malvern ... ..	c	c	48	37	-	-	0.0
England, E.	Lowestoft ... ..	om	o	41	34	-	-	0.0	Wales.	Ross-on-Wye ... ..	com	c bc c	48	38	trace	-	0.0
	Felixstowe ... ..	of	ogm	40	35	-	-	0.1		Rhyl ... ..	o	o	50	38	-	-	0.4
	Southend-on-Sea ... ..	w bc c	c o	47	34	0.2	-	0.2		Colwyn Bay ... ..	*	*	50	42	-	-	0.2
										Llandudno ... ..	*	*	51	43	-	-	0.0
England, S.E.	Tunbridge Wells	b bc o	o	47	30	-	-	0.7	England, S.W.	Aberystwyth ... ..	o c o	c o	48	44	-	-	0.0
	Margate ... ..	c	c bc o	39	36	-	-	0.8		Weymouth ... ..	o	o	50	34	-	-	0.1
	Ramsgate ... ..	*	o	48	33	-	-	1.2		Taigumouth ... ..	c	c	51	43	-	-	0.5
	Folkestone ... ..	bc	o c o	48	36	-	-	1.9		Torquay ... ..	bc	bc c	49	37	-	-	0.8
	Hastings ... ..	bc o	o	48	35	-	-	1.4		Paignton ... ..	bc	c q	50	33	-	trace	0.0
	Eastbourne ... ..	bc c	c o	49	35	-	-	0.6		Penzance ... ..	c	c o d	50	40	-	0.1	0.5
	Brighton ... ..	o c	c o	47	32	0.2	-	0.3		Newquay ... ..	o c o	of o b	50	38	-	0.1	0.0
	Worthing ... ..	c o	o	47	32	-	-	0.6		Bude ... ..	o c o	c o c	49	36	1	-	0.0
	Littlehampton ... ..	f bc	ogm	47	32	-	-	0.3		Ilfracombe ... ..	o c c	o p	49	42	-	0.2	0.0
	Bournemouth ... ..	*	*	48	36	2	-	0.3		Weston-s-Mare ... ..	bc	bc c	49	39	-	-	0.0
	Ventnor (I. of W.)	*	*	47	38	-	-	1.8		Bath ... ..	o	o c bc	50	33	-	-	0.0

SUMMARIES FOR PAST 24 HOURS.											BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.	
STATIONS.	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	RAINFALL.		Sun. Hours.				
	7h-13h.	13h-18h.	18h-7h.	1h-7h.				Day. 7h-18h.	Night. 18h-7h.					
								mm.	mm.					
Eskdalemuir ...	orm	orm	orm	orm	47	39	43	14	16	0.0	b	blue sky (not more than a quarter covered).		
Valencia (Cahirciveen) ...	od.o	od.o	od.o	od.o	52	48	49	1	4	0.0	bc	sky partly cloudy (one half covered).		
Baldonnell ...	to q.	to q	rq	rq	*	*	*	*	*	*	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.		

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Gauss. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.							
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.									
	24 HOURS ENDED 9H G.M.T. 10 <sup>th</sup>								YESTERDAY.	TO-DAY.			Vertical Component of Solar Radiation per Square Centimetre during yesterday.	10 <sup>th</sup> 11 <sup>th</sup> 12 <sup>th</sup> February 1920					
												Stations.	Sunrise.	Noon.	Sunset.				
Greenwich (Royal Observatory)	o	o	od. or	49	39	39	1	0.0	74	88	Total ..... 30.8 ..... Joules.  Milliwatts.  Average Rate. 9.0  Maximum Rate. 21	Yarmouth ...	{	7.22	12.7	4.52			
City (Bunhill Row) ... ..	*	*	*	*	*	*	*	0.0	*	*							G.M.T.	G.M.T.	G.M.T.
Westminster (St. James's Park)	*	*	*	50	40	34	0.4	0.0	70	82							G.M.T.	G.M.T.	G.M.T.
.. (Admiralty Arch)	om	om q	og or q	50	41	*	0.2	0.0	73	87							G.M.T.	G.M.T.	G.M.T.
Camden Sq. (British Rainfall)	*	*	*	50	40	35	1	*	*	72							G.M.T.	G.M.T.	G.M.T.
Kensington Palace ... ..	o	o	*	49	39	42	1	*	13.83	87	Average Rate. 9.0  Maximum Rate. 21	Wick ...	{	7.57	12.26	4.54			
Hampstead Obsy.	o	op	o	47	45	40	0.4	0.0	*	92							G.M.T.	G.M.T.	G.M.T.
												Valencia ...	{	8.8	12.55	5.44			
													{	8.6	12.25	5.44			

## NOTES ON THE WEATHER OF YESTERDAY.

Sunshine records were very poor, except at Jersey, where there was a total of 4 hours.

Rainfall was heavy in parts of Scotland, 30 mm. at Glasgow and Eskdalemuir, while at Birr Castle in Ireland the total was 14 mm. Maximum temperatures of about 50° occurred, even in the north of Scotland; a considerable rise took place nearly everywhere during the 24 hours ending 7 a.m., which amounted to 11° in many places.





## AIR MINISTRY.

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

BRITISH SECTION.

No. 21265 B

WEDNESDAY, 11<sup>TH</sup> FEBRUARY, 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. 0-10.	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. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea																					
			Dir.	Force						Form.	Amt.	Form.	Amt.				Dir.	Force						Form.	Amt.																								
			0-12.	0-10.						0-10.	0-10.	0-10.	0-10.				0-10.	0-10.						0-10.	0-10.																								
12H. G.M.T. of 10 <sup>th</sup>													12H. G.M.T. of 11 <sup>th</sup>																																				
Eskdalemuir ...	994.8	-2	WSW	5	orm	47	32	5	1½-2000	Nb	10	-	-	996.9	+2	W	6	opg	42	75	7	1½-2000	Nb	10	-	-	-	5																					
Valencia (Cahire'n)	1010.3	-1	SW	6	o	53	32	5	1½-1000	St	10	-	-	1011.4	+3	W	4	bc	49	84	6	1½-2000	Cu	5	-	-	-	5																					
Baldonnel ...	1003.7	-6	WSW	6	og	52	32	6	1½-2000	St. Cu	10	-	-	1004.5	+2	WSW	6	bc	49	92	4	2-3000	St. Cu	10	-	-	-	5																					
Anglesey (Llangefni)																																																	
Falmouth ...	1015.6	-3	SW	7	od,gr	49	32	3	-	Nb	10	-	-	1015.8	-2	W	7	od,gr	50	92	2	-	Nb	10	-	-	-	5																					
Calshot (Hants) ...	1016.6	-4	WSW	6	bc,gr	43	38	5	1½-1000	Nb	10	-	-	1013.6	-3	SW	7	bc,gr	48	98	4	1½-1000	Nb	10	-	-	-	5																					
Folkestone																																																	
Aberdeen ...	988.6	-1	WSW	4	b	52	45	8	-	-	-	-	-	988.2	0	WSW	5	bc	43	55	8	-	-	-	-	-	-	3																					
East Fortune ...	992.7	-2	W	5	c	41	32	5	2-3000	St. Cu	7	-	-	992.3	+1	W	6	b	45	75	6	2-3000	St	2	-	-	-	5																					
Flamborough Hd.	999.1	-6	WSW	6	og	52	32	5	1-1500	St	8	A. St	2	997.2	0	WSW	6	bc	50	98	5	1-1500	St. Cu	8	A. St	2	-	5																					
Felixstowe ...	1011.3	-3	SW	6	og	50	37	5	1-1000	Nb	10	-	-	1008.9	-2	SW	6	bc	49	92	4	1-1500	Nb	10	-	-	-	5																					
Cranwell (Lines)	1005.7	-4	WSW	6	og	52	32	6	1-1500	St	10	-	-	1003.7	-2	SW	6	bc	50	92	6	1-1500	Nb	8	A. St	2	-	5																					
Shoeburyness.	1012.5	-5	SW	7	od,gr	50	37	7	1½-2000	St. Cu	10	-	-	1009.3	-4	WSW	7	od,gr	50	82	6	1½-2000	St. Cu	9	-	-	-	5																					
Benson ...	1011.5	-3	WSW	6	o	52	37	6	-	-	-	-	-	1009.7	-2	WSW	4	o	50	92	6	-	Nb	10	-	-	-	5																					
London (Kew Ob.)	1013.0	-5	WSW	4	o	51	37	7	1½-2000	St. Cu	8	A. St	2	1010.3	-4	WSW	5	or	51	87	4	1½-2000	Nb	10	-	-	-	5																					
1H. G.M.T. of 11 <sup>th</sup>													7H. G.M.T. of 11 <sup>th</sup>																																				
Eskdalemuir ...	997.4	-2	SW	6	og	39	75	7	-	St. Cu	9	-	-	995.3	0	W	7	o	36	82	6	-	St. Cu	9	-	-	-	5																					
Valencia (Cahire'n)	1014.1	0	WSW	6	bc,gr	44	32	5	-	-	-	-	-	1016.3	+2	W	6	bc,gr	45	75	8	2-3000	Cu	7	-	-	-	5																					
Baldonnel ...	1007.2	0	W	6	og	43	32	3	2-3000	Cu	10	-	-	1007.4	0	WSW	6	bc,gr	40	98	4	3-4000	St. Cu	4	-	-	-	5																					
Anglesey (Llangefni)																																																	
Falmouth ...	1015.2	0	W	6	bc,gr	49	82	3	-	-	7	-	-	1016.2	+1	W	5	bc	45	75	4	-	St. Cu	5	-	-	-	5																					
Calshot (Hants) ...	1012.2	-1	SW	4	bc,gr	48	38	6	2-3000	St	4	-	-	1013.2	+2	W	4	b	44	84	7	2-3000	St	3	-	-	-	3																					
Capel (Folkestone)																																																	
Aberdeen ...														988.7	-3	WSW	5	b	36	65	7	-	-	-	-	-	-	3																					
East Fortune ...														990.5	-1	W	5	bc	38	92	6	2-3000	Nb	1	A. St	4	-	5																					
Flamborough Hd.	1000.8	0	WSW	5	bc	43	75	7	5-7000	St. Cu	4	-	-	998.4	-2	WSW	6	og	42	84	8	2-3000	St. Cu	7	A. St	2	-	5																					
Felixstowe ...	1007.3	0	SW	3	bc	44	82	3	-	-	-	-	-	1007.6	+1	W	3	b	44	82	9	2-3000	St	3	-	-	-	5																					
Cranwell (Lines)	1005.1	+2	W	4	b	43	82	7	2-3000	St	3	-	-	1003.7	-2	W	5	o	41	82	8	1-1000	St	9	-	-	-	5																					
Shoeburyness...														1007.8	+1	SW	2	bc	44	75	7	2-3000	St. Cu	2	A. Cu	2	-	5																					
Benson ...														1008.1	0	W	4	bc	42	82	6	-	Cu	5	-	-	-	5																					
London ...	1008.1	-1	W	3	b	44	82	7	2-3000	St. Cu	2	-	-	1009.1	0	W	3	b	44	75	6	2-3000	St. Cu	2	-	-	-	5																					
(M.O. at 12h)																																																	
STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.																																																	
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force																				
			Change	Change		Temp.	Change	Dir.	Force	Dir.	Force																			Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force	Dir.	Force
			in 3 hours.	in 3 hours.		°F.	in 24 hours.	0-12.	0-12.	0-12.	0-12.																			0-12.	0-12.	0-12.	0-12.	0-12.	0-12.	0-12.	0-12.	0-12.	0-12.	0-12.	0-12.	0-12.	0-12.	0-12.	0-12.	0-12.	0-12.	0-12.	0-12.
12H. G.M.T. of 10 <sup>th</sup>													7H. G.M.T. of 11 <sup>th</sup>																																				
Lerwick ...	996.7	37	SW	9	o	966.1	-5	38	-7	SW	9	-	omgr	5	8	39	34	bc,gr	omf	omgr	bc,gr	2.6																											
Stornoway ...	983.2	37	W	5	op	981.2	0	39	-3	W	8	-	bc,gr	6	3	45	34	o,gr	bc,gr	bc,gr	bc,gr	2.6																											
Castlebay(Barrals)																																																	
Glasgow ...	994.4	42	WSW	4	c	992.8	0	37	-13	W	9	W	c	8	9	50	34	odm	od,pc	o,bc,gr	o,0																												
Malin Head ...	994.6	44	WSW	4	cmg	994.9	+2	43	-3	WSW	7	W	c,gr	6	3	44	39	omf	cmg	c,gr	c,gr	1.2																											
Blacksod Point	1004.1	47	WNW	4	bc	1006.2	+2	44	-7	WNW	5	-	bc,gr	5	7	51	40	omf	bc,gr	c,gr	c,gr	1.2																											
Roche's Point...	1010.4	51	WSW	4	bc	1013.9	+1	44	-7	W	4	-	bc	4	1	54	44	or	o,bc	o,bc	o,bc	0.1																											
Birr Castle ...	1006.6	46	W	4	c	1009.1	0	42	-10	W	3	-	bc	8	9	52	40	or	or, c	o,bc	o,bc	0.1																											
Donaghadee ...	1000.8	46	WNW	4	c,gr	1000.0	0	41	-12	WSW	6	W	bc,gr	5	4	54	39	omg,gr	omg,gr	bc,gr	bc,gr	0.0																											
Liverpool(Bidston)	1001.4	50	WSW	8	o	1001.9	-2	43	-7	W	8	-	bc,gr	7	6	54	43	ocg	ocg	bc,gr	bc,gr	0.0																											
Holyhead ...	1004.1	50	W	6	bc,gr	1005.2	0	44	-5	W	8	W	bc,gr	6	2	50	43	op,gr	op,gr	bc,gr	bc,gr	0.0																											
Pembroke (St. Ann's Head)	1009.6	49	WSW	7	og	1011.9	+1	45	-3	WNW	5	-	bc	5	5	49	45	o,gr	og,gr	c,gr	c,gr	0.0																											
Scilly (St. Mary's)	1017.0	50	W	6	omf	1017.1	+1	47	-2	WNW	6	W	bc	6	3	50	47	ome	ome	b,sc	b,sc	0.0																											
Jersey (St. Aubin)	1020.7	49	SW	5	o	1016.3	0	48	+1	W	5	-	b	4	3	50	46	o	o	og,gr	og,gr	0.0																											
Portland Bill ...	1013.5	48	WSW	8	og,gr	1011.5	0	46	-1	WNW	6	-	bc,gr	6	1	49	44	c,gr	c,gr	bc,gr	bc,gr	0.0																											
Dungeness ...	1011.7	47	WSW	8	bc,gr	1008.7	+1	45	-1	WSW	4	W	bc	4	3	47	44	g,or	g,or	g,or	g,or	0.0																											
Wick ...	983.1	36	W	4	cmg,gr	976.2	-8	35	-8	WNW	5	-	os,gr	4	4	43	32	c,bc,gr	c,bc,gr	op,gr	op,gr	2.6																											
Nairn ...	986.1	38	W	4	c	982.7	0	36	-11	WNW	8	-	og,gr	5	7	47	33	c,bc,gr	c,bc,gr	op,gr	op,gr	2.6																											
Leith ...	992.5	45	W	6	c	990.4	0	37	-15	WSW	5	-	c	4	6	52	37	r,gr	c,gr	c,gr	c,gr	0.0																											
Tynemouth ...	994.7	49	W	4	bc,gr	993.8	+2	42	-10	W	6	-	bc,gr	4	3	56	41	cmg	cmg	bc,gr	bc,gr	0.0																											
Spurn Head ...	999.1	49	WSW	6	c,gr	999.9	-2	43	-3	W	6	-																																					

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ Longside at 11.



# SUMMARY OF CONDITIONS AT 7 A.M. Wednesday, 11th February, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	W 15-25	R. Mild	Fair or fine.	Good	Var.
2. E. England	SW-W 10-20	"	Fine to cloudy.	V. Good	Slight
3. E. Midlands	W 15-30	"	Fair.	Good	"
4. W. Midlands	W 20-30	"	Fair or fine.	Fair	"
5. S.W. England	Wly 20-30	"	Fair, local squalls.	Indiff.	Rough
6. South Wales	WNW 20	"	Fair.	Good	R. Rough
7. North Wales	W 40-45	"	Fair, squally.	"	Rough
8. N.W. England	W 35-45	"	Fine to cloudy, squally.	"	High.
9. N. Midlands	W 20-30	"	Fair or fine.	Fair	"
10. N.E. England	W 25-30	"	Fair to dull, squally.	V. Good	R. Rough
11. E. Scotland	Wly 20	Mod.	Fair to dull.	Fair	Mod.
12. S.W. Scotland	Wly 35-40	"	Dull.	"	R. Rough
13. Isle of Man	Wly 30	"	Fair.	"	Rough
14. N. & N.W. Scotland	Wly 35-40	"	Cloudy; passing showers.	"	"
15. Hebrides	Wly 40	"	(some snow.)	"	"
16. Orkneys and Shetlands	S.Wly 40-50	"	Cloudy; passing showers.	"	"
17. N.W. Ireland	WSW 20-35	"	Dull; mist and squalls.	Indiff.	R. Rough
18. N.E. Ireland	S.Wly 30	"	Cloudy; squalls & showers.	Good	"
19. S.E. Ireland	Wly 10-20	"	Cloudy; squalls.	"	"
20. S.W. Ireland	Wly 30	"	Cloudy.	"	"
			Cloudy, with squally (showers).	V. Good	Mod.

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

A deep depression between Iceland and Norway will move Eastwards. The wind will remain strong, but will veer to N.W. in Scotland. Somewhat lower temperatures are probable and in Scotland there will be snow showers. In the South it will be fair or fine with occasional showers.

**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 small circles per hour by figures in small circles.  
**TEMPERATURE.**—Is given in degrees F.  
**WEATHER SYMBOLS.**  
 ○ clear sky. ○ sky & cloud. ○ sky & cloud. ○ rain falling.  
 ⊙ overcast sky. ⊙ rain falling.  
 \* snow. Δ hail. = fog. = mist.  
 T thunder. R thunderstorm.  
**SEA DISTURBANCE.**—Rough. High.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Wednesday, 11th February, 1920.
1. S.E. England	Strong Westerly wind; mainly fair or fine with a moderate amount of low cloud, and occasional showers; visibility good; somewhat colder.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Wind W. to N.W., strong to a gale; varying amount of low cloud, some hail or sleet showers; visibility good. Colder.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Wind N.W., strong to a gale; varying amount of low cloud, snow showers; good visibility. Rather cold.
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	Same as 7-10
14. N. & N.W. Scotland	Same as 11-12
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	Same as 7-10
19. S.E. Ireland	Same as 1-6
20. S.W. Ireland	

Rather unsettled for two or three days.

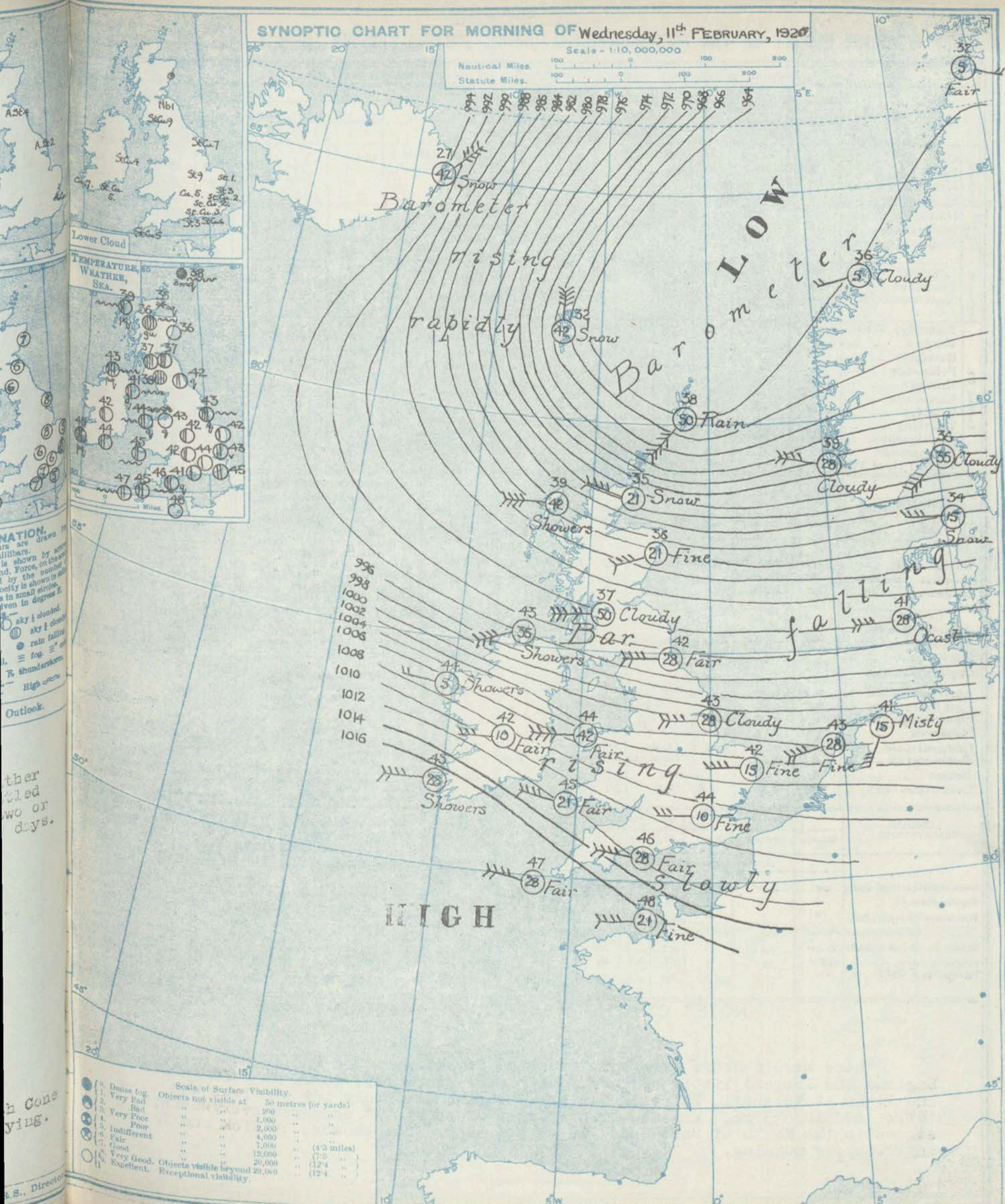
South Cone flying.



# SYNOPTIC CHART FOR MORNING OF Wednesday, 11<sup>th</sup> FEBRUARY, 1920

Scale - 1:10,000,000

Nautical Miles.  
Statute Miles.



NATION.  
are drawn by  
illbars.  
is shown by  
d. Force, on the  
by the number  
celty is shown in  
s in small circles  
even in degrees F.  
sky & clouded.  
sky & clouded  
rain falling  
fog  
Thunderstorm  
High  
Outlook.

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ying.

S., Director

Scale of Surface Visibility.

Objects not visible at	50 metres (or yards)
1. Dense fog	50
2. Very bad	100
3. Bad	200
4. Very poor	500
5. Poor	1,000
6. Indifferent	2,000
7. Fair	4,000
8. Good	10,000
9. Very Good	20,000
10. Excellent	Exceptional visibility



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 42..B

Wednesday  
11th February

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 10th																	
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 12h-9h. mm.	Day. 9h-12h. mm.	Sunrise to Sun- set. 10th.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 12h-9h. mm.	Day. 9h-12h. mm.	Sunrise to Sun- set. 10th.
Scotland.	Oban ... ..	+	r.o.c.p.c	47	45	22	1	0.7	England, N.W.	Douglas (I.O.M.)	-	or	49	45	0	3	0.0
	Banff ... ..	bc	b	51	40	-	-	5.8		Blackpool ... ..	-	or	51	47	7	3	0.0
	Montrose ... ..	-	-	-	-	-	-	-		Southport ... ..	or	or	-	-	-	-	-
	St. Andrews ... ..	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-
England, N.E.	Harrogate ... ..	org	org	51	46	?	?	0.0	Midlands.	Buxton ... ..	od	od	53	41	0.3	2	0.0
	Scarborough ... ..	o	or	54	47	2	2	0.0		Leamington Spa... ..	or	r.o	52	47	0.4	4	0.0
	Skegness ... ..	o	org.b	54	45	0.3	1	0.0		Malvern ... ..	omp	or	52	43	0.4	1	0.0
	-	-	-	-	-	-	-	-		Ross-on-Wye ... ..	-	-	-	-	-	-	-
England, E.	Lowestoft ... ..	ogr	ogr	53	47	1	0.2	0.0	Wales.	Rhyl ... ..	r.c	r.c	55	46	3	3	0.0
	Felixstowe ... ..	ogr	ogr	51	46	1	1	0.0		Colwyn Bay ... ..	-	-	55	49	7	5	0.0
	Southend-on-Sea...	odg	odg	49	35	0.4	0.3	0.0		Llandudno ... ..	r	r.c	53	49	7	3	0.0
	-	-	-	-	-	-	-	-		Aberystwyth ... ..	r.o	e.o	49	46	8	4	0.0
England, S.E.	Tunbridge Wells	od	or	48	44	1	2	0.0	England, S.W.	Weymouth ... ..	op.o	op.or	50	47	1	0.4	0.0
	Margate ... ..	c	or	51	35	-	-	0.0		Teignmouth ... ..	o	od	50	48	1	0.4	0.0
	Ramsgate ... ..	+	o	56	35	-	0.1	0.0		Torquay ... ..	d.or	or	50	46	1	0.4	0.0
	Folkestone ... ..	od	od.o	47	44	trace	2	0.0		Paignton ... ..	odg	org	50	47	2	3	0.0
	Hastings ... ..	od	om	48	45	1	1	0.0		Penzance ... ..	or	or	51	48	1	2	0.0
	Eastbourne...	ond	d	49	46	0.3	2	0.0		Newquay ... ..	o	ogr	50	46	1	3	0.0
	Brighton ... ..	or	ed	48	35	0.4	4	0.0		Bude ... ..	r	d	50	47	2	1	0.0
	Worthing ... ..	r	r	48	45	1	5	0.0		Ilfracombe ... ..	org	org	50	47	5	6	0.0
	Littlehampton ... ..	odg.o	ogr	47	38	1	4	0.0		Weston-s-Mare ... ..	r	or	51	43	2	3	0.0
	Bournemouth ... ..	-	-	49	42	trace	1	0.0		Bath ... ..	r	or	54	47	4	6	0.0
	Ventnor (I. of W.)	+	+	48	45	trace	trace	0.0		-	-	-	-	-	-	-	-

STATIONS.		SUMMARIES FOR PAST 24 HOURS.										Sun. Hours.	
		WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	RAINFALL.				
		7h-12h.	12h-18h.	18h-24h.	24h-7h.				Day. 7h-12h.	Night. 18h-7h.			
		mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.		
Eskdalemuir ...	orm	orm.b.c.d.	org.b.c.d.	org.b.c.d.	48	34	31	18	6	0.0			
Valencia (Cahirciveen) ...	odg.o	odg.o	odg.o	odg.o	53	45	41	4	7	0.4			
Baldonnel ...	org	c.o.g.	r.g.	bc.cq	52	-	*	*	*	*			
Anglesey (Llangfyll) ...							*	*	*	*			
Falmouth ...	odg	odg.dq.	dq.cq.	cq.r.c	51	45	41	3	3	0.0			
Calshot (Hants) ...	r.p.	r	r	po	49	43	40	1	1	0.0			
Capel (Folkestone)							*	*	*	*			
Aberdeen ...	bc.bq.	bq.g.	bq.rsp	r.g.	52	34	31	-	1	5.9			
East Fortune ...	g.p.	g.z.	r.g.	r.g.	52	38	*	*	*	*			
Flamborough Head	om.g	g.r.	b.b.c.g	c.o.g	53	41	*	*	*	*			
Felixstowe ...	g.g	o.r.	b.o.r.s.	p.g	50	40	*	*	*	*			
Cranwell (Lincs) ...	or	g.r.	b.b.c.r.	b.b.c	53	39	*	*	*	*			
Shoeburyness ...	omd	odg.dz.	odg.c.rbc	odg.c.rbc	51	43	37	0.4	1	0.0			
Benson ...	o	or	r.o.b.c	r.o.b.c	52	41	34	1	0.4	*			
London (Kew Obs.) ...	o.g.o	o.or	o.c.b.c	o.c.b.c	51	44	39	1.2	1	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.

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

THE BEAUFORT SCALE OF 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	1-3 1.0-3.0
2	4-7 3.4-5.1
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 28.5-30.6
11	64-76 33.6 or above
12	Above 76

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

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.		
	24 HOURS ENDED 9h G.M.T. 11th								YESTERDAY.	TO-DAY.		
Greenwich (Royal Observatory)	or	o.or	o.b.	51	42	36	2	0.0	86	75	Total 99 Joules. Milliwatts.	Yarmouth... { 7.20 7.18 12.7 12.7 4.54 4.56
City (Bunhill Row) ...	*	*	*	*	*	*	*	0.0	*	*		
Westminster (St. James's Park)	*	*	*	53	42	33	2	0.0	82	72	Average Rate. 2.9	Wick ... { 7.57 7.54 12.55 12.55 5.46 5.48
" (Admiralty Arch)	romg	og	org.og	53	44	*	2	0.0	83	72		
Camden Sq. (British Rainfall)	o.or	or.o	*	52	42	36	1	*	85	73		
Kensington Palace ...	odg	o	*	52	43	36	2	*	53 (81)	74		
Hampstead Obs.	-	-	od.bc	50	41	33	1	0.0	-	78		

### NOTES ON THE WEATHER OF YESTERDAY.

There were 6 hours of bright sunshine at Aberdeen and Banff, but in England and Ireland little or none. Rain fell generally, 24 mm at Eskdalemuir and 11 mm at Valencia, being the largest totals. At hardly any stations was there less than 3 mm. Maximum temperatures of about 50° occurred everywhere, except in the North of Scotland. There were some snow showers at Wick and Nairn in the early morning.

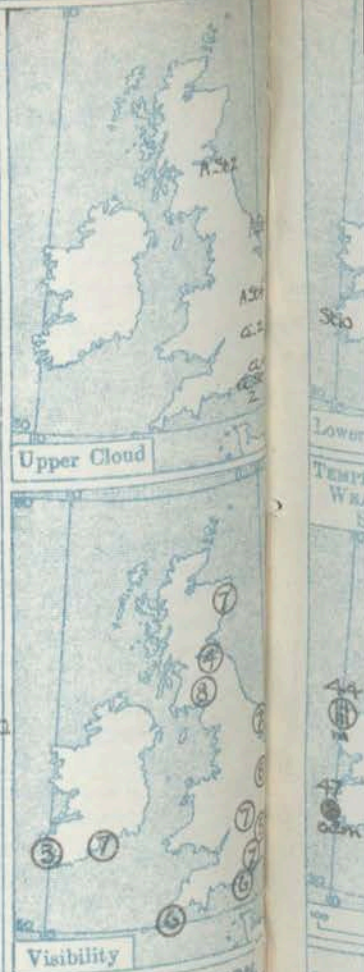


3 Longside at 11



# SUMMARY OF CONDITIONS AT 7 A.M. Thursday, 12th February, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Wly. 5-15	Mod.	Fair or fine	Good	Slight
2. E. England	SW-NW. 10-15	"	Fair or fine	Fair	"
3. E. Midlands	W. 5-10	"	Fair or cloudy, local mist.	"	-
4. W. Midlands	W.	"	Fair or cloudy.	"	-
5. S.W. England	W. 5-15	"	Fair to dull.	"	Mod.
6. South Wales	W. 5-10	R. mild	Dull	"	"
7. North Wales	WSW. 5-15	Mod.	Fair, gloomy.	"	Slight
8. N.W. England	SW-W. 5-15	"	Fair to cloudy.	Good	Mod.
9. N. Midlands	W. 5-15	"	Fair to cloudy, local mist.	"	-
10. N.E. England	Wly. 15-30	"	Fine to cloudy, misty, local squalls.	"	Mod.
11. E. Scotland	Wly. 5-15	"	Cloudy to fair, local fog.	Fair	Smooth
12. S.W. Scotland	SWly. 10	"	Cloudy to fair	Good	"
13. Isle of Man	SWly. 10	"	Cloudy	Fair	Slight
14. N. & N.W. Scotland	NWly. 5	R. cold	Cloudy with mist	Indiff.	V. smooth
15. Hebrides	Wly. 5	"	Cloudy	Fair	"
16. Orkneys and Shetlands	NEly. 20	"	Fair to cloudy, misty	Indiff.	Slight
17. N.W. Ireland	Wly. 5-10	Mod.	Cloudy and misty.	"	Smooth
18. N.E. Ireland	Wly. 10	"	Cloudy	Fair	"
19. S.E. Ireland	S. to W. 2	"	Dull and cloudy.	Good	"
20. S.W. Ireland	Sly. 10	"	Dull with mist and drizzle.	V. poor	"



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

A new depression off the west of Ireland will cause dull and milder weather with some rain over the western half of the British Isles before long, but over the Eastern districts fair or fine weather will continue for another 24 hours, the wind becoming much lighter.

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

Districts.	Forecasts for the 24 hours commencing 3 p.m. Thursday, 12th February, 1920
1. S.E. England	Light W. breeze, backing to SW., and becoming stronger on Friday. Fair or fine at first, but increasing amount of low cloud on Friday and probably some rain. Visibility becoming poor. Cold night, then milder.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Moderate SW. breeze, freshening. Much low cloud, rain before long. Visibility becoming poor. Milder.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Light Westerly breeze, backing to SW. and freshening. Increasing amount of low cloud, some rain on Friday. Visibility becoming poor. Cold night, then milder.
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	Same as for 5-8
14. N. & N.W. Scotland	Same as for 9
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	Moderate SW. breeze, becoming fresh or strong. Much low cloud, some rain, Poor visibility. Milder.
19. S.E. Ireland	
20. S.W. Ireland	

Unsettled for two or three days.

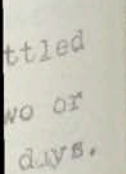


Scale - 1:10,000,000

Nautical Miles  
Statute Miles.

1012 1013

51w 0° S°



Scale of Surface Visibility.			
	Objects not visible at	in metres (or yards)	
0. Dense fog.			
1. Very Bad.	" "	200	" "
2. Bad.	" "	1,000	" "
3. Very Poor.	" "	2,000	" "
4. Poor.	" "	4,000	" "
5. Indifferent.	" "	7,000	" (4.3 miles)
6. Fair.	" "	12,000	" 7.5 "
7. Good.	" "	20,000	" 12.5 "
8. Very Good.	Objects visible beyond	20,000	" 12.5 "
9. Excellent.	Exceptional visibility.		" 12.5 "



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 113... B

Thursday  
12th February

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 17th.

WEATHER, TEMPERATURE, RAINFALL, AND SUNSHINE.																		
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night.	Day.	Sunrise to Sun- set.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night.	Day.	Sunrise to Sun- set.	
						10 <sup>m.</sup> —11 <sup>m.</sup>	11 <sup>m.</sup> —12 <sup>m.</sup>								10 <sup>m.</sup> —11 <sup>m.</sup>	11 <sup>m.</sup> —12 <sup>m.</sup>		10 <sup>m.</sup> —11 <sup>m.</sup>
Scotland.						mm.	mm.	h. m.	England, N.W.							mm.	mm.	h. m.
	Oban ... ..	*	op.c. bc	44	36	3	3	1.3		Douglas (I.O.M.)								3.0
	Banff ... ..	or.s.c	c.o	42	34	4	2	1.6		Blackpool ... ..	*	op.c	45	41	1	-	-	2.6
	Montrose ... ..									Southport ... ..	or.s.c	op.c	45	42	1	0.2		
	St. Andrews ... ..	*	*	44	35	2	-	7.5										
England, N.E.									Midlands.									
	Harrogate ... ..	bc, c, h	4 bc, h	42	35	1	1	5.2		Buxton ... ..			43	41	0.3	0.3		6.2
	Scarborough ... ..	*	b	46	38			5.9		Leamington Spa ... ..	c	cp.c	47	39	0.4	-		5.1
	Skegness ... ..									Malvern ... ..	bc	bc	47	39	0.4	-		4.1
										Ross-on-Wye ... ..	bc.b	b.b.c	52	39	0.2	0.2		
England, E.									Wales.									
	Lowestoft ... ..	o.c.p.g	ag	48	40	0.4	0.2	2.5		Rhyl ... ..	cr. bc	c.b.c	45	40	1	2		0.7
	Felixstowe ... ..	bc	cp	44	44	-	-	5.6		Colwyn Bay ... ..	*	*	46	41	-	2		0.5
	Southend-on-Sea ... ..	o.d. bc	bc.c	49	42	0.1	-	3.0		Llandudno ... ..	cp	p.c	48	41	1	1		0.1
										Aberystwyth ... ..	r.c	o.c.d	46	42	1	2		0.3
England, S.E.									England, S.W.									
	Tunbridge Wells ... ..	b. bc	bc	43	42	2	-	5.8		Weymouth ... ..	g. bc. b	bc	51	45	1	-		8.2
	Margate ... ..	b	bc	43	44	0.3	-	4.3		Teignmouth ... ..	b	b	52	46	1	-		6.3
	Ramsgate ... ..	*	bc	43	33	1	-	4.6		Torquay ... ..	d. b	b.b.c	51	47	2	0.1		7.7
	Folkestone ... ..	b. bc	c.o	50	42	3	-	5.4		Paignton ... ..	bc, p	bc	52	45	1	0.3		8.0
	Hastings ... ..	or. b. bc	bc	50	43	2	-	7.3		Penzance ... ..	bc, p	bc. b	51	46	1	0.3		5.7
	Eastbourne ... ..	bc	bc	50	44	3	-	7.3		Newquay ... ..	bc	b	48	45	5	0.2		5.5
	Brighton ... ..	b. bc	bc.c	50	44	1	-	8.8		Bude ... ..	c. bc	b	50	45	3	-		6.0
	Worthing ... ..	bc	bc	51	42	2	-	0.7		Ilfracombe ... ..	cp, g	c.b.c	48	45	2	0.1		5.0
	Littlehampton ... ..	bc	bc	50	42	-	-	7.2		Weston-s-Mare ... ..	bc. b	b	48	44	2	-		7.0
	Bournemouth ... ..	*	*	50	40	1	-	7.2		Bath ... ..	c.b.c. b	bc.c.o	50	43	1	-		4.2
	Ventnor (I. of W.) ... ..	*	*	50	43	3	-	7.5										

## SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	7h-18h.	18h-18h.	Max. ° F.	Min. ° F.	Night. 7h-18h.	Day. 18h-7h.	Sunrise to Sunset.	Sunset to Sunrise.
Eskdalemuir ... ..	op.s.c. bc	op.s.c. bc	39	33	29	5	3.4	
Valencia (Cahirciveen) ... ..	cp, g	c. bc. b	49	44	42	1	5.3	
Baldonnell ... ..	bc	c. o. c. o.	*	*	*	*	*	
Anglesey (Llangefni) ... ..								
Falmouth ... ..	cp, g	bc, g, s	50	40	32	1	6.6	
Calshot (Hants) ... ..	bc	bc. g	50	39	36	-	7.0	
Capel (Folkestone) ... ..								
Aberdeen ... ..	bc, g, p	bc, s, p	43	34	28	1	5.0	
East Fortune ... ..	bc	bc	43	34	*	*	*	
Flamborough Head ... ..	bc	bc	53	34	*	*	*	
Felixstowe ... ..	bc	g, p	*	*	*	*	*	
Cranwell (Lincs) ... ..	cp	g, p, h	46	34	31	-	4.5	
Shoburness ... ..	bc	bc. c. o	50	36	31	-	4.5	
Benson ... ..	bc	bc	49	35	24	0.1	*	
London (Kew Obs.) ... ..	bc	bc, bc, c	50	33	30	-	4.9	

## 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.

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

## THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity at about 30 feet above ground.	
	Statute miles per hour.	Meters per second.
	Less than 1	Less than 0.3
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.6-2.5
3	8-12	2.6-4.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.5
12	Above 75	33.6 or above

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

## LONDON OBSERVATIONS.

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.					
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.							
	24 HOURS ENDED 9h G.M.T. 12 <sup>th</sup>							YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	12 <sup>th</sup> & 13 <sup>th</sup> February 1920						
Greenwich (Royal Observatory)	c	c.p.c	b.b.c.p.b.m	51	36	29	0.3	4.8	60		80	Stations.	Sunrise.	Noon.	Sunset.		
City (Bunhill Row) ... ..	*	*	*	*	*	*	*	3.0	*		*		G.M.T.	G.M.T.	G.M.T.		
Westminster (St. James's Park) ... ..	*	*	*	53	35	26	-	4.2	58		81		Yarmouth...	7.19	12.7	4.56	
" (Admiralty Arch) ... ..	bc.mg	cg.b.c.p	b	52	38	*	-	4.3	58		74		Greenwich {	7.16	12.7	4.53	
Cannden Sq. (British Rainfall) ... ..	bc	bc.c	*	51	33	28	-	*	61	80	Wick ... {		7.22	12.14	5.6		
Kensington Palace ... ..	c	c.o	*	50	37	28	-	*	-	83	Total 393 .....	Joules.	7.20	12.14	4.57		
Hampton ... ..	-	-	bc.b.m	49	33	28	trace	4.4	*	80	Average Rate. 11.3	Milliwatts.	Wick ... {	7.54	12.26	5.0	
											Maximum Rate. 33		Valencia ... {	7.52	12.55	5.4	
															8.4	12.55	5.3
															8.2		

## NOTES ON THE WEATHER OF YESTERDAY.

Sunshine records were mostly good, between 7 and 8 hours at several stations in the south of England and at St. Andrews, in Scotland. There were some moderately large totals of rainfall in the north, but little or none in England. Precipitation was partly in the form of hail and snow in Scotland, the snow lying to a depth of three inches in the Shetlands. The weather remained mild in the south-west of England.





## AIR MINISTRY.

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

BRITISH SECTION.

No. 21267 B

Friday, 13<sup>th</sup> FEBRUARY, 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. 0-10.	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. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea	
			Dir.	Force						Form.	Amt.	Form.	Amt.				Dir.	Force						Form.	Amt.				
			13H. G.M.T. 12 <sup>h</sup>										18H. G.M.T. OF 12 <sup>h</sup>																
Eskdalemuir ...	1019.0	-1	SW	3	om	38	87	6	12-2000	Nb	3	A.St.	7	*	1012.9	-7	SSW	6	odm	40	95	2	12-1000	Nb	10	-	-	*	
Valencia (Cahire'n)	1018.4	-4	S	5	o	51	92	7	1-1500	St.Cu	10	-	-	*	1013.4	-6	SSW	6	o	51	87	7	1-1500	St.Cu	10	-	-	5	
Baldonnel ...	1020.6	-4	SW	4	o	49	87	5	12-2000	St.	3	A.St.	7	*	1012.6	-8	SSW	6	ora	49	92	4	12-1000	St.	10	-	-	*	
Anglesey (Llangefni)																													
Falmouth ...	1026.6	-3	SW	3	o	50	65	8	-	St.Cu	9	-	-	*	1024.0	-2	SSW	4	o	49	87	4	-	Nb	10	-	-	*	
Calshot (Hants) ...	1026.9	+2	NNW	2	o	48	82	8	12-2000	St.Cu	10	-	-	2	1025.7	0	SW	1	o	47	87	8	12-2000	St.	10	-	-	2	
Lympne (Folkestone)																													
Aberdeen ...	1016.3	0	SSW	1	om	41	65	4	-	-	-	A.St.	10	2	1011.3	-8	S	3	or	40	92	4	-	Nb	10	-	-	*	
East Fortune ...	1017.6	-2	WSW	4	o	41	75	5	2-3000	St.	4	A.St.	6	*	1011.9	-8	S	4	or	43	92	6	2-3000	Nb	8	A.St.	2	*	
Flamborough Hd.	1020.4	+6	W	4	c	43	92	7	4-5000	Ca	1	Ci.St.	5	*	1018.9	-2	SSW	4	om	41	87	4	4-5000	St.Cu	5	A.St.	5	*	
Felixstowe ...	1025.0	0	W	3	bc	47	65	7	2-3000	Cu	2	Ci	4	2	1025.1	0	SW	2	c	42	87	5	2-3000	F.Cu	7	Ci.St.	2	2	
Cranwell (Lincs)	1023.3	+1	W	5	bcz	45	75	6	4-5000	Cu	5	-	-	*	1021.2	-4	SSW	3	o	41	92	5	3-4000	St.	8	A.St.	2	*	
Shoeburyness.	1025.5	+4	WSW	2	bc	47	65	8	2-3000	Cu	4	Ci	1	*	1024.8	-1	SW	1	c	44	75	7	2-3000	St.Cu	8	-	-	*	
Benson ...	1024.9	0	WSW	3	c	47	75	6	-	-	-	-	-	*	1023.3	-2	SSW	3	bc	44	82	7	-	Cu	4	-	-	*	
London (Kew Obs.)	1025.9	+1	W	2	c	47	65	6	4-5000	Cu	2	Ci	6	*	1024.3	-2	SW	3	om	47	82	4	-	St.	9	-	-	*	
1H. G.M.T. OF 13 <sup>h</sup>															7H. G.M.T. OF 13 <sup>h</sup>														
Eskdalemuir ...	1003.7	-6	SSW	6	orm	43	98	3	1-1500	Nb	10	-	-	*	997.8	-6	SW	6	orm	44	98	5	12-2000	Nb	10	-	-	*	
Valencia (Cahire'n)	1008.4	-3	S	3	and	50	92	3	1-1500	St.	10	-	-	*	1008.3	+1	WSW	6	cp	48	87	6	12-2000	Cu	7	-	-	*	
Baldonnel ...	1006.4	?	SW	7	og	50	92	3	1-1500	St.	10	-	-	*															
Anglesey (Llangefni)																													
Falmouth ...	1019.2	-4	SW	5	odq	49	92	2	-	Nb	10	-	-	*	1014.4	-5	WSW	5	odmq	49	92	3	-	Nb	10	-	-	*	
Calshot (Hants) ...	1020.5	-3	SW	4	or	48	98	3	1-1500	Nb	10	-	-	4	1016.1	-5	SW	3	och	48	98	3	12-2000	Nb	10	-	-	3	
Lympne (Folkestone)																													
Aberdeen ...															991.3	-4	SW	4	b	47	82	7	-	St.Cu	2	-	-	2	
East Fortune ...	1000.2	-9	SSW	5	bc	48	87	6	3-4000	St.Cu	5	-	-	*	993.9	-8	W	7	b	49	75	6	2-3000	St.	2	-	-	*	
Flamborough Hd.														*	1002.0	-4	SW	6	o	46	92	6	12-2000	St.	10	-	-	5	
Felixstowe ...	1019.9	-5	SW	3	b	42	75	6	-	-	-	-	-	3	1013.0	-4	SW	4	o	46	92	5	12-2000	St.	10	-	-	3	
Cranwell (Lincs)	1014.2	-7	SSW	6	c	44	92	7	12-2000	St.	4	A.St.	3	*	1007.5	-7	SW	6	og	48	92	6	3-1000	St.	9	A.St.	1	*	
Shoeburyness.														*	1014.0	-8	SW	5	o	47	87	7	2-3000	St.Cu	9	-	-	*	
Benson ...														*	1011.0	-5	SW	5	o	48	87	8	-	Cu	9	-	-	*	
London ...	1019.6	-3	W	2	c	47	65	6	4-5000	Cu	2	Ci	6	*	1013.4	-7	SW	5	od	48	92	4	12-2000	St.Cu	10	-	-	*	
(M.O. at Linc.)																													
STATIONS CONTRIBUTING REPORTS AT 7H. AND 13H.															24 HOURS ENDED 7H. 13 <sup>h</sup>														
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.								
			at M.S.L. mb.	Change in 3 hours.		Temp. °F.	Change in 24 hours.	Dir.	Force	Max. °F.	Min. °F.					Morning.	Afternoon.	Night.											
			18H. G.M.T. OF 12 <sup>h</sup>													7H. G.M.T. OF 13 <sup>h</sup>										24 HOURS ENDED 7H. 13 <sup>h</sup>			
Lerwick ...	1011.4	35	-	0	o	986.1	-5	46	13	S	4	-	omf	3	13	47	23	bcm	o	omf	*								
Stornoway ...	1000.2	38	W	2	or	985.8	-1	46	13	WSW	4	-	op	3	15	46	33	or	od	donop	0.0								
Castlebay (Barra's)	1000.9	47	S	5	or	984.4	-1	48	13	SW	4	-	o	5	3	46	41	or	od	donop	0.0								
Glasgow ...	1010.2	41	SSW	3	odm	995.8	-3	46	13	SW	4	-	o	3	47	35	bcom	odpm	odpm	0.0									
Main Head ...	1003.2	47	SW	4	o	991.9	-2	46	13	WSW	4	-	omd	4	2	48	40	cm	op	cm	0.0								
Blacksod Point	1004.0	50	WSW	5	cmq	997.2	-4	47	13	SW	4	-	cg	4	12	52	43	cmq	cmq	cg.pcg	*								
Roche's Point...	1017.8	49	SW	4	o	1008.6	-1	48	13	N	4	-	b	4	3	51	45	orm	dfoem	op.b	*								
Birr Castle ...	1011.6	50	S	2	c	1002.8	-1	48	13	S	4	-	c	1	50	39	c	c	cp	0.1									
Donaghadee ...	1011.7	45	S	4	omd	1000.0	-1	48	13	SW	4	-	omd	3	1	49	34	c	omd	omd	*								
Liverpool (Bidston)	1017.4	45	SSW	2	o	1004.2	-3	49	13	SW	4	-	og	4	1	50	41	c	o	og	2.1								
Holyhead ...	1015.8	46	SSW	6	odqm	1003.8	-4	48	13	SSW	6	-	opqm	5	1	48	46	bcc	c.o.pd	odqm	0.0								
Pembroke (St. Ann's Head)	1019.8	46	S	6	odmq	1008.8	-4	48	13	SSW	5	-	o	5	1	48	44	o	odmq	odmq	0.0								
Scilly (St. Mary's)	1023.9	49	SSW	4	fd	1014.9	-4	49	13	WSW	5	-	omd	5	2	50	47	c.o.c	cfz	fd.ond	0.3								
Jersey (St. Aubin)	1027.1	46	SW	3	o	1018.8	-2	48	13	SSW	4	-	og	4	0.1	50	44	opbco	o	o.b.og	1.7								
Portland Bill	1024.9	47	WSW	4	o	1013.5	-5	47	13	WSW	7	-	og	6	1	48	43	bco	o	og	*								
Dungeness ...	1024.9	45	WSW	3	bc	1016.2	-4	45	13	SW	5	-	o	4	1	50	35	bco	c.bco	c.oq	*								
Wick ...	1007.6	38	S	4	omq	986.5	-4	43	11	SW	4	-	bcom	4	4	43	31	bcom	bcom	cg.bcom	*								
Nairn ...	1005.7	40	-	0	o	987.4	-3	46	13	WSW	3	-	cg	2	2	46	30	bccg	cg	op.c	0.0								
Leith ...	1004.4	43	SW	1	o	983.9	-3	48	11	SW	5	-	c	3	2	50	36	cm.o	od.o	odp.c	*								
Tynemouth ...	1015.4	43	SW	3	om	998.4	-2	49	12	WSW	4	-	bcom	3	0.2	49	35	bcom	cm	om.bcom	*								
Spurn Head ...	1019.6	42	SW	4	om	1003.6	-8	47	13	SW	6	-	cg	5	-	47	37	bcom	bcom	og	*								
Yarmouth ...	1013.4	42	WSW	2	o	1012.0	-14	45	13	SW	4	-	c	4	-	48	35	bco	bcom	om.bu	7.3								
Clacton-on-Sea	1024.7	43	W	2	c	1014.0	-4	45	13	SW	4	-	og	4	-	47	35	bco	bcom	om.bu	6.0								
Nottingham ...	1020.6	45	-	2	o	1007.4	-	49	10	SW	5	-	op	1	0.1	49	36	co	co	op.c	2.3								

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

§ Longside at 11.



# SUMMARY OF CONDITIONS AT 7 A.M. Friday 13th February, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SWly. 15-35	Mild	Dull, with mist, drizzle and rain.	Variable.	R.rough
2. E. England	SWly. 10-30	V.mild	Dull and gloomy with squalls.	Fair	Mod.
3. E. Midlands	SWly. 20-30	"	Overcast and showery.	Good	-
4. W. Midlands	SWly. 20	Mild	Dull and squally	"	-
5. S.W. England	WSW. 20-35	"	Dull and misty with squalls and drizzle.	V.poor	Slight
6. South Wales	S-SW. 20	"	Dull.	Fair	R.rough
7. North Wales	S-SW. 15-30	V.mild	Dull and misty, squalls	Indiff.	"
8. N.W. England	SWly. 15-30	"	Overcast, with mist and rain.	"	"
9. N. Midlands	SWly. 20	"	Dull and squally.	Fair	-
10. N.E. England	SWly. 15-30	"	Fair to dull, with mist.	"	Slight
11. E. Scotland	SW-W. 15-30	Mild	Fine to cloudy.	"	"
12. S.W. Scotland	SW. 15-30	"	Cloudy or dull, local rain and mist.	Indiff.	"
13. Isle of Man	SW. 15-20	"	Dull, mist and drizzle.	Poor	Mod.
14. N. & N.W. Scotland	SW. 10-15	"	Fair to dull, local showers and mist.	"	"
15. Hebrides	WSW. 15	"	Dull, showery.	Indiff.	Slight
16. Orkneys and Shetlands	S-SW. 15	"	Dull, rain and mist.	Poor	"
17. N.W. Ireland	SW. 15	R.mild	Cloudy, squally.	Indiff.	Mod.
18. N.E. Ireland	SW. 15	Mild	Dull, misty, drizzling.	Poor	"
19. S.E. Ireland	S-SW. 15	"	Cloudy, local showers.	Fair	R.rough
20. S.W. Ireland	SW-W. 15-30	R.mild	Fine to cloudy, showery.	Good	Mod.

GENERAL INFERENCE from observations received up to 9 A.M.

A deep depression off the north of Scotland will move east, causing strong winds or gales from between SW. and W. generally, with much low cloud and rain.

**EXPLANATION.**  
**BAROMETER.**—Isobars are shown at intervals of two millibars.  
**WIND.**—Direction is shown by a line flying with the wind. Force, in knots, 0-12, is indicated by the number of feathers. Mean velocity is shown in per hour by figures in small circles.  
**TEMPERATURE.**—Isobars are shown at intervals of two degrees.  
**WEATHER SYMBOLS.**—  
 ☉ clear sky. ☁ sky & clouded. ☂ rain falling. ☄ overcast sky. ☇ rain falling. \* snow. ▲ hail. ☸ fog. ⚡ thunder. ⚡ thunder.  
**SEA DISTURBANCE.**—  
 Rough ~~~~~ High ~~~~~

Further Outlook

Districts.	Forecasts for the 24 hours commencing 3 p.m. Friday, 13th February, 1920
1. S.E. England	Wind SW. to W., strong to a gale. Much low cloud and rain. Visibility indifferent. Rather mild.
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 Westerly, strong to a gale. Much low cloud and rain, turning to hail or sleet. Visibility indifferent to fairly good. Somewhat colder.
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	Same as for 11-12
16. Orkneys and Shetlands	
17. N.W. Ireland	Same as for 1-10
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Unsettled for two or three days.

South Cone flying.



SYNOPTIC CHART FOR MORNING OF FRIDAY, 13<sup>th</sup> FEBRUARY, 1920.

Scale = 1:10,000,000

Nautical Miles  
Statute Miles.



② O'cast

NOT

Rain

Barometer

Bar.

Drizzle

Cloudy  
falling

falling

# HIGH



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 44...B

Friday

13<sup>th</sup> FEBRUARY 1920

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 12 <sup>th</sup>																	
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 12-12.	Day. 12-12.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 12-12.	Day. 12-12.	Sunrise to Sunset.
Scotland.	Oban ...	co	po	47	37	mm.	mm.	0.0	England, N.W.	Douglas (I.O.M.)							0.0
	Banff ...	o.	ord	39	34	2	1	0.0		Blackpool ...	c	o	46	41	-	-	1.4
	Montrose ...									Southport ...	c.bec	co	46	41	-	-	
	St. Andrews ...	*	*														
England, N.E.	Harrogate ...	bcco	o	44	35	0.3	-	0.9	Midlands.	Buxton ...							2.3
	Scarborough ...	*	*	47	37	-	-	4.2		Leamington Spa...	b*bc	bcco	47	39	-	-	1.7
	Skegness ...									Malvern ...	m*bc	bcc	49	38	-	-	1.6
										Ross-on-Wye ...							
England, E.	Lowestoft ...	bcc	cm	47	35	-	-	6.1	Wales.	Rhyl ...	bcc	c*bc	49	40	0.1	-	2.3
	Felixstowe ...	bc	bc	48	39	1	-	6.2		Colwyn Bay ...	*	*	49	40	-	-	2.2
	Southend-on-Sea...	m.b	bcco	48	35	-	-	4.3		Llandudno ...	*	*	49	41	-	-	1.2
										Aberystwyth ...	o.c.c	co.o	47	43	*	*	0.0
England, S.E.	Tunbridge Wells	b	b*bc	49	34	-	-	5.1	England, S.W.	Weymouth ...	c.b.c	c*bc	51	46	-	-	1.3
	Margate ...	b	b*bc	47	39	-	-	5.5		Teignmouth ...	c.b.c	c	50	43	-	-	1.4
	Ramsgate ...	bc	b.c.c	48	35	-	-	5.6		Torquay ...	o.c.b.c	a.b.c	48	40	0.1	-	1.7
	Folkestone ...	bcc	c	49	35	-	-	5.8		Paignton ...	bcc	bcc	51	38	-	-	0.1
	Hastings ...	o.p.b.c.b	b.b.c	49	35	0.2	-	6.5		Penzance ...	o.c	o	51	43	-	-	0.1
	Eastbourne...	bc	b.c.c	47	38	-	-	4.9		Newquay ...	cm.w.o	o.v.o	50	44	0.1	-	0.3
	Brighton ...	bc	co	48	38	-	-	4.1		Bude ...	*	*	50	44	-	-	0.3
	Worthing ...	bc	bc	48	36	-	-	3.9		Ilfracombe ...	a.c.c	co	49	45	-	-	1.1
	Littlehampton ...	bc	om	50	37	2	-	3.5		Weston-s-Mare ...							
	Bournemouth ...	*	*	49	38	-	-	1.5		Bath	o.c.b.c	bcco	50	38	1	-	0.6
	Ventnor (I. of W.)	*	*	48	44	-	-	1.8									
SUMMARIES FOR PAST 24 HOURS.																	
STATIONS.		WEATHER.				Max. Temp. F.		Min. Temp. F.		Min. on Grass. F.		Rainfall.		Sun.			
		7h-12h.	12h-12h.	12h-12h.	12h-12h.	7h-12h.	12h-12h.	7h-12h.	12h-12h.	Day. 7h-12h.	Night. 12h-7h.	Hours.	Hours.				
Eskdalemuir ...		co. om	o. o. ad. m.	o. d. o. f. ad. m.	o. r. m.	45	32	47	46	2	13	0.0	0.4				
Valencia (Cahirciveen) ...		o. d. r. o	o. p. c.	o. d. o. c. p.		52	47	46									
Baldonnel ...		q. p. d.	q. d.	q. h.													
Anglesey (Llangefni) ...		c. b. c.	o. o. e.	o. r. ad.	o. o. g.	51	43	46	-	4	0.6						
Falmouth ...		c	c	p. c. o.		49	40	42	-	1	1.8						
Calshot (Hants) ...																	
Capel (Folkestone) ...																	
Aberdeen ...		b.b.c.o.m	o.m.r	o.r.m. b.c		47	33	37	1	1	0.0						
East Fortune ...		o. z	o. r.	q. r. h.	r. h. g.	49	37										
Flamborough Head ...		b.c.c.z	o. m.	o. g.													
Felixstowe ...		b.c.c.	c. o.	b.b.c.z.	p.c.o.g	48	39										
Cranwell (Lincoln) ...		b.c.c.z	o. o. m.	p. o. g.	b.c.c.m.	48	36										
Shoeburyness ...		z. b. c.	b.c.c	c. o.		48	37	37	-	-	5.0						
Benson ...		b.c.c.	bc	o. p.		48	37	38	-	0.1							
London (Kew Obsy.) ...		b.z.b.m.c	o	b.c.c.o.d		48	37	40	-	trace	4.0						
LONDON OBSERVATIONS.		WEATHER.				Max. Temp. F.		Min. Temp. F.		Min. on Grass. F.		Rainfall.		Sun.			
		Morning.	Afternoon.	Night.		7h-12h.	12h-12h.	7h-12h.	12h-12h.	7h-12h.	12h-12h.	Day. 7h-12h.	Night. 12h-7h.	Hours.	Hours.		
Greenwich (Royal Observatory)		bc	o.c.d	o.r.o.c		50	39	38	-	4.2	69	82					
City (Bunhill Row) ...		*	*	*						1.5							
Westminster (St. James's Park)		*	*	*						3.8							
(Admiralty Arch)		b.c.m	b.c.o.	o.r.c.g		50	42			0.1	72	86					
Camden Sq. (British Rainfall)		b.b.c	c.o	*		50	39	35		0.3	73	92					
Kensington Palace ...		b.b.c	b.o			50	40	40		0.3	77	86					
Hampstead		-	-	b.c.o.p.o		47	37	34	trace	5.1	77	89					
SOUTH KENSINGTON (Meteorological Office).		WEATHER.				Max. Temp. F.		Min. Temp. F.		Min. on Grass. F.		Rainfall.		Sun.			
		Morning.	Afternoon.	Night.		7h-12h.	12h-12h.	7h-12h.	12h-12h.	7h-12h.	12h-12h.	Day. 7h-12h.	Night. 12h-7h.	Hours.	Hours.		
Vertical Component of Solar Radiation per Square Centimetre during yesterday.																	
Total ... 486 Joules.																	
Average Rate. 13.9 Milliwaits.																	
Maximum Rate. 32																	
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.		13 <sup>th</sup> & 14 <sup>th</sup> Feb. 1920				Sunrise		Noon		Sunset							
		Stations.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.						
Yarmouth ...			7.16	12.7	4.58												
Greenwich ...			7.14	12.7	4.58												
Wick ...			7.52	12.26	5.2												
Valencia ...			8.2	12.55	5.58												

## NOTES ON THE WEATHER OF YESTERDAY.

The maximum temperature was about 50° generally, but was somewhat lower in the North of Scotland. At Stornoway and Eskdalemuir the total rainfall amounted to 15 mm. In the East of England there was practically none, and good sunshine records were obtained, ranging between four and six hours. There was some fog at Scilly and Roche's Point.





## AIR MINISTRY.

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

BRITISH SECTION.

No 26268 B

Saturday 14<sup>th</sup> January 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. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.											
			Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dir.	Force 0-12.						Form.	Amt. 0-10.														
13H. G.M.T. 13 <sup>th</sup>																																							
Eskdalemuir ...	995.3	-2	WSW	7	odm	44	92	7	1-1500	Nb	10	-	-	*	998.0	+3	W	7	bq	40	82	6	-	St	1	-	-	*											
Valencia (Cahire'n)	1012.2	+5	W	5	c	49	75	7	2-3000	St	8	-	-	5	1013.7	+2	W	4	b	49	75	7	2-3000	St	2	A.St	1	4											
Baldonnell ...	1003.9	+2	WSW	6	ot.g	48	98	4	1-1000	Nb	10	-	-	*	1008.1	+5	SW	5	ca	45	92	4	1-1000	St	5	A.St	3	*											
18H. G.M.T. OF 13 <sup>th</sup>																																							
Anglesey (Llangefni)																																							
Falmouth ...	1013.8	-1	W	6	cq	52	75	7	-	cu	7	-	-	*	1015.6	+3	WSW	5	bq.z	47	82	6	-	St	1	-	-	*											
Calshot (Hants) ...	1011.8	-4	SW	6	ot	49	98	6	1-1000	Nb	10	-	-	4	1012.1	+2	WSW	2	o	48	92	7	1-1500	St	10	-	-	2											
Capel (Folkestone)																																							
1H. G.M.T. OF 14 <sup>th</sup>																																							
Aberdeen ...	989.7	-2	SSW	4	cz	50	75	5	-	St	3	cu	5	2	991.4	+4	WSW	3	b	43	55	7	-	-	cu	2	2												
East Fortune ...	992.9	0	WSW	5	ot	49	87	6	1-2000	Nb	10	-	-	*	994.6	+3	WSW	7	bz	44	75	6	2-3000	St	2	-	-	*											
Glasgow (Glasgow)	999.8	0	WSW	6	o	48	87	6	1-1500	St	10	-	-	*	1000.4	0	SW	5	o	53	55	6	2-3000	St	8	A.St	1	4											
Felixstowe ...	1010.7	-2	SW	4	ot	49	87	3	1-1000	St	9	-	-	4	1008.0	0	WSW	4	o	50	82	3	1-2000	St	9	-	-	4											
Cranwell (Lines)	1003.9	-4	SW	4	ot	49	87	3	1-1500	Nb	10	-	-	*	1004.9	+1	W	6	c	48	87	8	2-3000	Nb	8	-	-	*											
Shoeburyness	1009.9	-4	WSW	6	c	51	87	7	2-3000	St	5	cu	2	*	1009.8	0	SW	6	o	50	75	6	2-3000	St	8	A.St	2	*											
Benson ...	1007.6	-4	SW	5	o	52	82	6	*	*	*	*	*	*	1009.5	+1	SW	4	o	47	82	7	-	St	9	-	-	*											
London (Kew Ob.)	1009.0	-5	SW	4	o	53	78	8	3-4000	St	9	-	-	*	1009.8	+3	W	4	oq	50	75	6	2-3000	St	8	A.St	2	*											
7H. G.M.T. OF 14 <sup>th</sup>																																							
Eskdalemuir ...	1005.5	+7	W	4	b	37	82	6	-	St	2	-	-	*	1011.8	+6	-	o	b	32	87	8	-	St	2	-	-	*											
Valencia (Cahire'n)	1012.7	0	WSW	5	bcm	48	*	*	*	*	*	*	*	4	1014.5	+1	WSW	2	o	48	87	6	-	St	2	A.St	5	4											
Baldonnell ...	1010.4	0	WSW	4	ot	45	98	3	1-1500	St	10	-	-	*	1013.7	+4	W	4	bc	42	98	4	3-4000	St	2	A.St	3	*											
Anglesey (Llangefni)																																							
Falmouth ...	1017.5	0	W	4	b	45	92	6	-	-	-	-	-	*	1018.0	+1	WSW	5	cq	48	92	6	-	cu	5	A.St	2	*											
Calshot (Hants) ...	1015.1	+1	W	3	b	46	82	6	1-2000	St	2	-	-	3	1017.8	+3	SW	3	o	46	92	5	1-2000	St	10	-	-	*											
Lymington (Folkestone)																																							
Aberdeen ...	1003.9	+10	W	4	b	39	82	7	-	-	-	-	-	*	1010.3	+10	NW	3	cm	32	92	6	1-5000	St	8	-	-	2											
East Fortune ...	992.9	0	WSW	5	ot	49	87	6	1-2000	Nb	10	-	-	*	994.6	+3	WSW	7	bz	44	75	6	2-3000	St	2	-	-	*											
Glasgow (Glasgow)	999.8	0	WSW	6	o	48	87	6	1-1500	St	10	-	-	*	1000.4	0	SW	5	o	53	55	6	2-3000	St	8	A.St	1	4											
Felixstowe ...	1010.7	-2	SW	4	ot	49	87	3	1-1000	St	9	-	-	4	1008.0	0	WSW	4	o	50	82	3	1-2000	St	9	-	-	4											
Cranwell (Lines)	1003.9	-4	SW	4	ot	49	87	3	1-1500	Nb	10	-	-	*	1004.9	+1	W	6	c	48	87	8	2-3000	Nb	8	-	-	*											
Shoeburyness	1009.9	-4	WSW	6	c	51	87	7	2-3000	St	5	cu	2	*	1009.8	0	SW	6	o	50	75	6	2-3000	St	8	A.St	2	*											
Benson ...	1007.6	-4	SW	5	o	52	82	6	*	*	*	*	*	*	1009.5	+1	SW	4	o	47	82	7	-	St	9	-	-	*											
London (Kew Ob.)	1009.0	-5	SW	4	o	53	78	8	3-4000	St	9	-	-	*	1009.8	+3	W	4	oq	50	75	6	2-3000	St	8	A.St	2	*											
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. TEMP. °F.	CHANGE in 24 hours.	WIND.		WEATHER.	SEA 0-9.	RAINFALL mm.	TEMP.			WEATHER.			SUNSHINE Hours.																			
			Dir.	Force 0-12.					Dir.	Force 0-12.				Max. °F.	Min. °F.	Morning.	Afternoon.	Night.																					
18H. G.M.T. OF 13 <sup>th</sup>																				7H. G.M.T. OF 14 <sup>th</sup>										24 HOURS ENDED 7H. 14 <sup>th</sup>									
Lerwick ...	981.0	43	WSW	4	cm	1004.5	+8	30	-16	NH	4	NH	cmq	3	3	45	30	omr	omp	omfb	*																		
Stornoway ...	994.0	40	W	4	o	1011.7	+7	28	-18	N	1	N	b	1	1	47	-	op	op	b.ps	0.5																		
Castlebay (Barra Is)	1000.0	42	NW	4	bc	1011.2	+4	38	NW	4	-	b	4	1	48	36	op.o	opbc	bc.b	1.2																			
Glasgow ...	998.9	42	W	5	bc	1011.6	+6	34	-12	-	0	-	b	*	1	47	33	odpm	opbcq	bcq.br	0.1																		
Malin Head ...	1001.0	44	W	4	cmq	1010.6	+3	42	-4	NNE	2	NE	c	3	1	48	41	cm	cmq.p	c	1.7																		
Blacksod Point ...	1007.5	47	WNW	2	bc	1010.4	+3	43	-4	-	0	-	bcm	2	6	50	40	bcp	bc	opm.bc	*																		
Roche's Point ...	1013.2	49	W	3	o	1015.2	+2	48	0	NNW	1	NW	c	2	1	51	46	o	opq.o	o.bbc	*																		
Birr Castle ...	1009.7	46	W	2	c	1012.7	*	42	-6	W	1	-	c	*	4	51	42	c	cp	cp	1.5																		
Donaghadee ...	1003.8	45	WNW	3	bcm	1011.6	+4	40	-8	-	0	-	cm	1	2	51	39	cmq.p	cq.p	bcm	*																		
Liverpool (Bidston)	1004.9	47	W	6	o	1011.1	+2	42	-7	N	2	-	r	2	3	51	40	opq	opq	bc.or	0.5																		
Holyhead ...	1006.9	47	W	6	cq.g	1011.1	+2	44	-4	NNW	4	-	cmv	3	3	49	43	opbpr	ocp.c	c.orm	0.7																		
Pembroke (St. Ann's Head)	1011.7	48	WSW	5	cq	1014.8	+1	47	-1	W	4	-	c	4	0.4	48	46	bqca	cq	bc.b	2.0																		
Scilly (St. Mary's)	1016.2	48	W	5	bc	1019.0	0	49	0	N	4	-	omd	5	0.3	51	46	omd.bc	bc	bc.omd	5.0																		
Jersey (St. Aubin)	1016.3	49	W	4	oc	1020.2	0	47	-1	N	4	-	o	3	1	51	45	ogd	odoe	ko.p.o	0.8																		
Portland Bill ...	1011.1	49	W	6	og	1016.6	+4	48	+1	W	4	W	c	5	0.2	50	44	ogd	cq	c	*																		
Dungeness ...	1010.4	47	WSW	5	c	1014.9	+2	45	0	WSN	3	SW	c	3	2	50	43	racqr	qod.s	c.o.c	*																		
Wick ...	986.7	41	W	4	omq	1009.0	+9	33	-10	N	2	-	bc	2	1	47	31	bcm	bomp	bc.opq	*																		
Nairn ...	991.1	44	W	6	cq	1011.3	*	31	-15	N	1	-	cg	1	2	50	30	cpg	ebcqc	q.pncsp	2.8																		
Leith ...	998.2	43	SW	6	b	1010.4	+4	35	-13	WSW	2	W	b	2	-	50	35	og.c.bc	bc.c.b	og.br.b	*																		
Tynemouth ...	998.1	48	W	4	omq	1009.9	+5	40	-9	NW	2	-	cm	3	0.1	52	39	om	cm	omg.om	*																		
Spurn Head ...	1001.6	43	W	5	og	1009.7	+9	43	-4	W	4	-	o	4	0.2	51	35	cq	cq.p	bq	*																		
Yarmouth (regional station)	1005.8	49	W	4	c	1012.5	+3	43	-2	NNW	2	-	c	2	0.4	52	42	compt	cmp	bcm.og	0.7																		
Clact><																																							



# SUMMARY OF CONDITIONS AT 7 A.M. Saturday 14th February, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW-W 5-15	R. Mild	Dull, misty.	Poor	Slight
2. E. England	SW-W 15-20	"	Dull.	Fair	"
3. E. Midlands	SW 5-10	"	Dull, drizzle.	"	"
4. W. Midlands	SW-W 5-10	"	Rainy, local mist.	Indiff.	"
5. S.W. England	W 15-20	"	Dull, misty, squally.	Fair	R. Rough
6. South Wales	W 15-20	"	Cloudy.	"	Mod.
7. North Wales	NW 15-20	"	Rainy, some mist.	Poor	Slight
8. N.W. England	W 5-10	"	Dull, local mist.	Indiff.	"
9. N. Midlands	SW 5-10	"	Dull, drizzle.	Good.	"
10. N.E. England	NW 5-10	Normal	Dull.	"	Mod.
11. E. Scotland	W-NW 2-10	R. Cold	Fine to cloudy, local mist.	Fair	Smooth
12. S.W. Scotland	Calm	"	Fine.	Good	"
13. Isle of Man	Var. 0-5	Mod.	Cloudy or fair, local mist.	Fair	"
14. N. & N.W. Scotland	W-N 0-5	R. Cold	Fine to cloudy. (rain.)	"	"
15. Hebrides	N 0-5	Cold	Fine or fair.	"	"
16. Orkneys and Shetlands	NW-N 5-15	"	Cloudy, misty, squally.	Poor	Slight
17. N.W. Ireland	Calm	Mod.	Fair or cloudy, local mist.	Indiff.	Smooth
18. N.E. Ireland	Var. 0-5	"	Cloudy, local mist.	"	Slight
19. S.E. Ireland	W-N 0-5	R. Mild	Cloudy.	Fair	Smooth
20. S.W. Ireland	W-NW 2-5	"	Cloudy or dull.	"	Mod.

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

There are some indications of another Depression South of Iceland, but it is not likely to affect the weather of the British Isles in the immediate future. Over England and Ireland low cloud will be very prevalent, with perhaps some drizzle locally, but in Scotland it will be fair or fine. The wind will be everywhere very light.

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

Districts.	Forecasts for the 24 hours commencing 3 p.m. Saturday 14th February, 1920.
1. S.E. England	Light S.W. or W. breezes; much low cloud, slight drizzle locally; visibility indifferent to fairly good; mild.
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 indefinite breezes; fair or fine; visibility indifferent to fairly good; cold.
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	
	Same as 1 - 10.

Further Outlook.

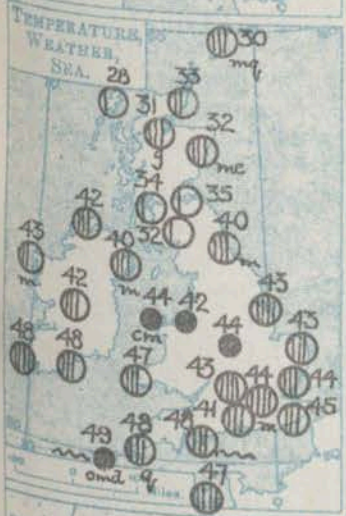
Uncertain.



# SYNOPTIC CHART FOR MORNING OF SATURDAY, 14<sup>th</sup> FEBRUARY, 1920.

Nautical Miles  
Statute Miles.

Scale - 1:10,000,000.



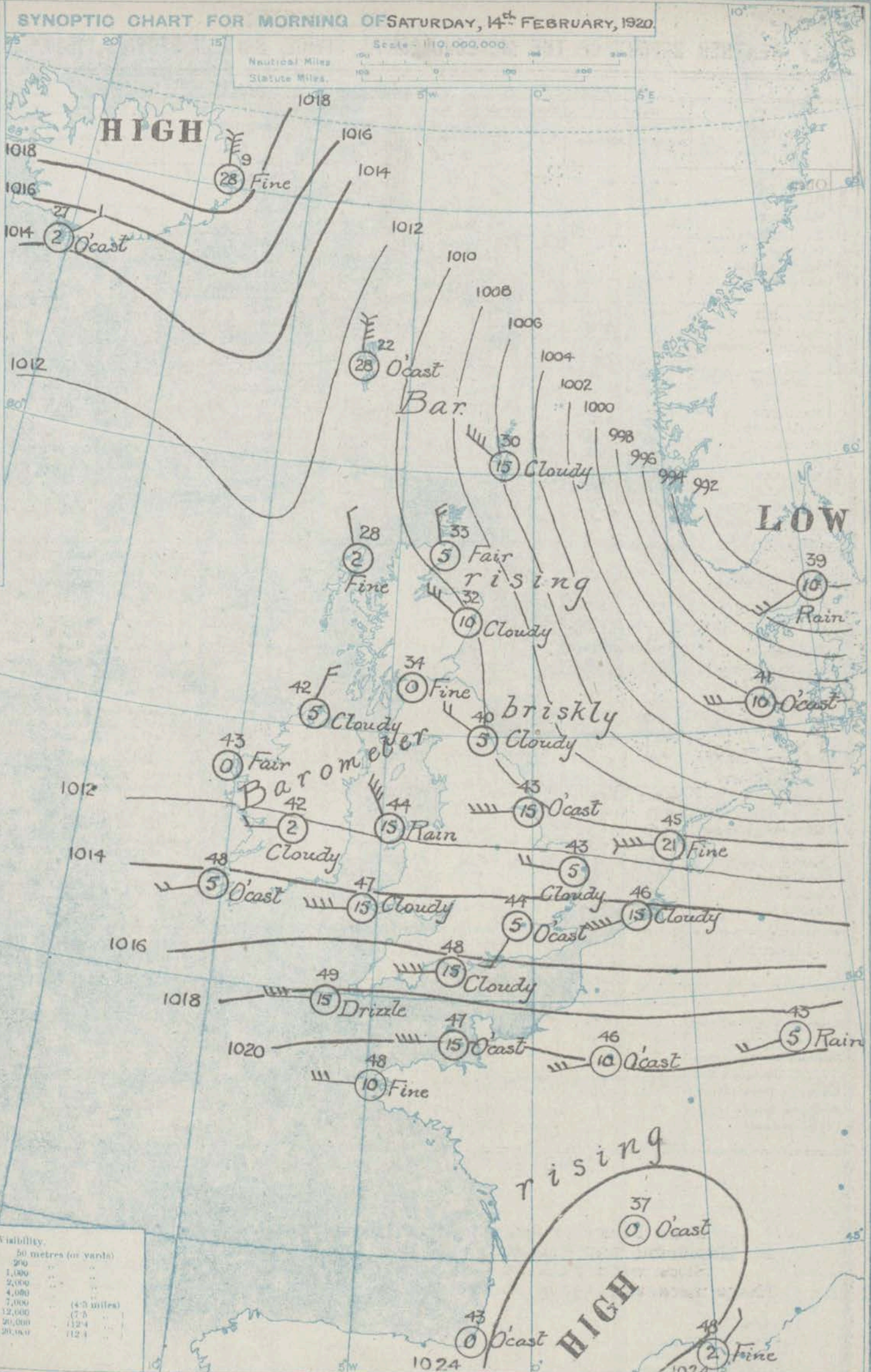
NATION.  
are shown by  
is shown by  
nd. Force, on  
by the sun  
city is shown  
in small circles  
given in degrees  
sky i. cloud  
sky i. cloud  
rain i. cloud  
fog i. cloud  
High sea  
Outlook.

air.

Scale of Surface Visibility.

Objects not visible at	50 metres (or yards)	200	1,000	2,000	4,000	7,000	12,000	20,000	30,000
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  
Exceptional visibility





Saturday  
14<sup>th</sup> February 94

14<sup>th</sup> FEBRUARY 74

\* Information for these columns not usually received.





## AIR MINISTRY.

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

BRITISH SECTION.

No 2769.B

SUNDAY 15 FEBRUARY.....1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																								
STATIONS.	BAROM.	Change	WIND.	Weather.	TEMP.	Humidity.	Visibility.	Height	Low Cloud.	Upper Cloud.	Sea	BAROM.	Change	WIND.	Weather.	TEMP.	Humidity.	Visibility.	Height	Low Cloud.	Upper Cloud.	Sea		
	at	in 3	Dir.		°F.	%	0-10.	Feet.	Form.	Amt.	0-10.	0-9.	at	in 3		Dir.	°F.	%	0-10.	Feet.	Form.	Amt.	0-10.	0-9.
	M.S.L.	hours.	Force		0-12.	0-10.	0-10.	0-10.	0-10.	0-10.	0-10.	0-9.	M.S.L.	hours.		Force	0-12.	0-10.	0-10.	0-10.	0-10.	0-10.	0-10.	0-9.
13H. G.M.T. of 14 <sup>h</sup>												18H. G.M.T. of 14 <sup>h</sup>												
Eskdalemuir ...	1015.7	+4	E 3	bc	39	65	8	-	Cu	6	-	1017.4	+1	RNE	2	0	54	82	8	-	-	AST	10	
Valencia (Cahire'n)	1014.2	-1	S 4	od	51	92	4	1500	St	10	-	1011.0	-4	S 4	0	50	92	6	1-1000	St	8	AST	2	
Baldonnell ...	1015.7	+1	W 3	od	47	92	5	1-2000	St	3	A. St	7	1012.8	-3	S 4	od	49	91	4	1-1000	St	10	-	
Anglesey (Llangefni)	1019.3	0	WSW 4	om	52	87	4	-	Nb	10	-	1018.5	-1	SW 3	cp	48	92	3	-	CuNb	7	-		
Falmouth ...	1017.9	+1	WSW 2	0	52	87	8	1-2000	St	10	-	1	1018.5	-1	SW 3	cp	48	92	3	-	CuNb	7	-	
Calshot (Hants) ...	1017.9	+1	WSW 2	0	52	87	8	1-2000	St	10	-	1	1018.5	-1	SW 3	cp	48	92	3	-	CuNb	7	-	
Lympne (Folkestone)	1017.9	+1	WSW 2	0	52	87	8	1-2000	St	10	-	1	1018.5	-1	SW 3	cp	48	92	3	-	CuNb	7	-	
Aberdeen ...	1016.5	+5	NW 3	b	35	65	8	-	St	1	-	3	1018.6	+2	NW 1	0	30	65	0	-	-	AST	2	
East Fortune ...	1016.3	+5	NE 1	bc	39	75	8	2-3000	St	2	-	1017.8	-0	E 1	0	35	75	7	2-3000	St	5	AST	4	
Flamberg Hd.	1014.5	+3	N 3	b	43	75	8	3-4000	Cu	1	Ci	2	1018.7	+5	NE 3	bc	38	82	2	2-3000	St	3	AST	3
Felixstowe	1016.1	+1	W 3	om	49	87	3	1-1000	St	7	A. St	2	1019.0	+4	NE 2	om	42	92	3	1-1000	St	7	AST	3
Cranwell (Lincs)	1016.0	+2	- 0	c	47	87	5	2-3000	Cu	5	A. Cu	2	1019.0	+4	E 3	0	42	92	5	2-3000	St	10	-	
Shoeburyness.	1015.7	+1	SW 2	om	51	82	6	2-3000	St	9	-	-	1019.0	+5	NE 1	c	42	92	6	2-3000	St	5	AST	2
Benson ...	1015.9	+1	WSW 3	c	51	75	6	-	-	-	-	1018.0	+1	S 1	0	41	87	6	-	Cu	3	-		
London (Kew Ob.)	1016.7	+1	WSW 3	om	51	82	6	3-4000	St	4	A. St	6	1018.3	+3	-	-	41	82	6	2-3000	St	1	-	
1H. G.M.T. of 15 <sup>h</sup>												7H. G.M.T. of 15 <sup>h</sup>												
Eskdalemuir ...	1012.3	-5	SSE 1	om	35	98	3	-	St	10	-	1004.5	-6	SSW 7	od	43	92	4	1-1500	Nb	10	-		
Valencia (Cahire'n)	1008.1	-6	SSE 5	od	48	-	-	-	-	-	-	1008.6	-3	SW 5	0	47	92	5	1-2000	Nb	10	-		
Baldonnell ...	1009.0	-4	SSW 6	od	48	92	4	2-3000	St	10	-	1002.5	-8	SW 6	0	43	92	4	1-1000	St	10	-		
Anglesey (Llangefni)	1015.8	-3	S 5	c	49	87	2	-	Cu	8	-	1010.6	-6	S 4	cp	46	92	6	-	St	7	-		
Falmouth ...	1019.1	0	E 2	cf	44	98	0	-	-	-	-	1015.0	-2	S 3	0	47	87	7	2-3000	St	10	-		
Calshot (Hants) ...	1019.1	0	E 2	cf	44	98	0	-	-	-	-	1015.0	-2	S 3	0	47	87	7	2-3000	St	10	-		
Lympne (Folkestone)	1019.1	0	E 2	cf	44	98	0	-	-	-	-	1015.0	-2	S 3	0	47	87	7	2-3000	St	10	-		
Aberdeen ...	1012.1	-8	SE 3	oys	35	87	4	1-2000	Nb	10	-	1005.1	-5	SSE 4	0	40	92	5	-	Nb	10	-		
East Fortune ...	1012.1	-8	SE 3	oys	35	87	4	1-2000	Nb	10	-	1005.1	-5	SSE 4	0	40	92	5	-	Nb	10	-		
Flamberg Hd.	1012.1	-8	SE 3	oys	35	87	4	1-2000	Nb	10	-	1005.1	-5	SSE 4	0	40	92	5	-	Nb	10	-		
Felixstowe	1017.5	-4	SSE 4	0	41	98	5	1-2000	St	10	-	1017.2	-2	SSE 3	om	43	98	3	1-1000	St	9	-		
Cranwell (Lincs)	1017.5	-4	SSE 4	0	41	98	5	1-2000	St	10	-	1017.2	-2	SSE 3	om	43	98	3	1-1000	St	9	-		
Shoeburyness.	1017.5	-4	SSE 4	0	41	98	5	1-2000	St	10	-	1017.2	-2	SSE 3	om	43	98	3	1-1000	St	9	-		
Benson ...	1018.6	-1	S 1	0	41	98	5	1-2000	St	10	-	1017.2	-2	SSE 3	om	43	98	3	1-1000	St	9	-		
London (Kew Ob.)	1018.6	-1	S 1	0	41	98	5	1-2000	St	10	-	1017.2	-2	SSE 3	om	43	98	3	1-1000	St	9	-		
STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.																								
STATIONS.	BAROM.	TEMP.	WIND.	Weather.	BAROMETER.	TEMPERATURE.	WIND.	Dir. of Upper Cloud.	Weather.	Sea.	Rainfall mm.	TEMP.			WEATHER.			Sunshine Hours.						
	at	°F.	Dir.		Force	at	Change					Temp.	Change	Dir.	Force	Max.	Min.		Morning.	Afternoon.	Night.			
	M.S.L.	°F.	0-12.		in 3 hours.	°F.	in 24 hours.					°F.	°F.	0-12.	0-12.	°F.	°F.		°F.	°F.	°F.			
18H. G.M.T. of 14 <sup>h</sup>												7H. G.M.T. of 15 <sup>h</sup>												
Lerwick ...	1015.5	28	NW 4	om	1008.0	-5	33	+3	SE 5	5	0	34	28	bc ms	om	bc o	0.0							
Stornoway ...	1014.2	33	ESE 4	0	993.3	-4	46	+18	S 5	5	0	46	33	bc	bc o	opg	1.2							
Castlebay (Barra's)	1004.7	40	SE 5	or	992.8	-6	46	+10	SSE 5	5	0	47	37	bc	or	ror	1.2							
Glasgow ...	1016.1	35	ENE 3	0	1003.5	-5	44	+10	S 2	2	0	44	31	bc	bc o	ss op	4.1							
Malin Head ...	1008.1	43	S 3	0	993.1	-5	44	+2	SSE 4	4	0	45	39	c	or	0	0.0							
Blacksod Point	1007.2	49	SW 2	om	993.6	-2	43	0	WSW 3	3	0	49	39	om	om	bc op	0.0							
Roche's Point...	1014.6	44	SW 3	0	1001.8	-7	48	0	S 6	6	0	51	46	om	om	op o	0.0							
Birr Castle ...	1011.3	50	SW 1	0	1000.4	-7	45	+3	S 4	4	0	50	40	om	om	0	0.0							
Donaghadee ...	1013.6	44	SE 2	om	1002.5	-7	45	+5	SSW 5	5	0	47	39	c	om	om	0.0							
Liverpool (Bidston)	1016.2	45	SSE 2	0	1007.9	-4	46	+4	SSE 3	3	0	47	42	bc	oda	op	0.0							
Holyhead ...	1015.0	45	SW 5	om	1005.4	-4	46	+2	SSE 6	6	0	49	42	bc	c op	op o	2.4							
Pembroke (St. Ann's Head)	1017.0	47	SW 2	om	1008.2	-5	46	-1	SSW 4	4	0	50	45	c	c om	c o	1.6							
Scilly (St. Mary's)	1019.6	48	WSW 2	om	1009.5	-6	47	-2	SSW 4	4	0	50	46	om	om	c om	0.0							
Jersey (St. Aubin)	1020.2	48	W 3	0	1015.3	-1	46	-1	S 4	4	0	51	45	bc o	oe	oe o	1.3							
Portland Bill ...	1017.6	49	WSW 3	0	1013.6	-5	47	-1	S 4	4	0	50	44	bc	oe	oe	0.0							
Dungeness ...	1017.4	46	WSW 3	0	1016.4	-2	45	0	SSW 2	2	0	48	40	c	c	cf fac	0.0							
Wick ...	1015.9	33	RNE 3	bc	1000.8	-5	38	+5	SSE 7	7	0	38	30	bc h	c bc	rc om	0.0							
Nairn ...	1016.2	31	-	c	999.4	-5	41	+10	SSE 1	1	0	41	28	cg bc	bc cg	cg bc	3.3							
Leith ...	1016.4	36	SE 2	0	1003.6	-3	45	+10	S 2	2	0	45	33	b	b bc	cg bc	0.0							
Tynemouth ...	1018.1	39	E 3	bc	1007.8	-4	43	+3	SSW 3	3	0	43	37	om	b	om om	0.0							
Spurn Head ...	1019.4	40	E 3	b	1012.1	-5	41	-2	S 5	5	0	45	34	b	b	om	0.0							
Yarmouth (Gorleston)	1019.3	42	NE 2	0	1016.9	-3	41	-2	S 5	5	0	46	40	om	om	om	0.0							
Clacton-on-Sea	1019.3	44	NE 1	bc	1016.0	-2	44	+1	S 3	3	0	50	41	om	om	om	0.0							
Nottingham ...	1017.5	43	SE 1	c	1012.2	-5	43	-1	S 3	3	0	46	40	om	om	om	0.0							

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ Longitude ...



# SUMMARY OF CONDITIONS AT 7 A.M. Sunday, 15th February, 1920

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	S. 5-15	R.mild	Dull, misty, gloomy.	Fair.	Slight
2. E. England	S. 15-25	"	Squally, local mist.	V. poor	R. rough
3. E. Midlands	S. 5-10	"	Dull, local mist.	Poor	-
4. W. Midlands	S. 5-10	"	Dull, local mist.	"	-
5. S.W. England	SSW. 15-20	"	Showery	Fair	Rough
6. South Wales	SSW. 15-20	"	Dull.	"	Mod.
7. North Wales	SSW. 25-30	"	Squally, gloomy.	"	R. rough
8. N.W. England	S. 25-30	"	Drizzle, gloomy.	Poor	Smooth
9. N. Midlands	S. 5-10	"	Dull, local mist.	Indiff.	-
10. N.E. England	S. 10-20	"	Rainy, misty.	Fair	R. rough
11. E. Scotland	SSW. 15-30	Normal	Rainy.	"	Mod.
12. S.W. Scotland	S. 25-40	R.mild	Drizzle, squally.	Poor	"
13. Isle of Man	SSW. 25-30	"	Rainy, misty.	"	R. rough
14. N. & N.W. Scotland	S. 20-25	"	Dull.	Fair	Mod.
15. Hebrides	S. 20-25	"	Dull.	"	"
16. Orkneys and Shetlands	SE. 20-25	R. cold	Dull.	"	"
17. N.W. Ireland	WSW. 10-15	Normal	Rainy, foggy.	Poor	Slight
18. N.E. Ireland	SSW. 20-25	R. mild	Rainy, misty.	"	R. rough
19. S.E. Ireland	S. 25-30	"	Dull, squally.	Indiff.	Rough
20. S.W. Ireland	SW. 20-25	"	Rainy.	"	R. rough

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

A depression off the west of Ireland will move north-east, causing fresh or strong SW. winds over the British Isles, which may reach gale force in Scotland and Ireland. The sky will be mainly covered with low cloud, with rain at times, and the temperature will be above the normal.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn at intervals of two millibars.  
**WIND.**—Direction is shown by the flying with the wind. Force, on the 0-12, is indicated by the number of feathers. Mean velocity is shown in per hour by figures in small circles.  
**TEMPERATURE.**—Mean temperature is given in degrees.  
**WEATHER SYMBOLS.**  
 ○ clear sky.    ☁ sky & clouded.    ☁ overcast sky.    \* snow.    Δ hail.    T thunder.    E thunderstorm.  
**SEA DISTURBANCE.**—Rough    High



## Districts.      Forecasts for the 24 hours commencing 3 p.m.      Sunday, 15th February, 1920

1. S.E. England	Wind SW. fresh or strong. Sky mainly covered with low cloud, rain at times. Visibility poor. Mild.	
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales		
7. North Wales	Strong S. to SW. winds, a gale locally. Sky mainly covered with low cloud, rain at times. Visibility poor. Mild.	
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. E. Scotland		
12. S.W. Scotland		
13. Isle of Man	Strong SW. wind, a gale at times. Much low cloud, rain at times. Visibility indifferent to fair. Mild.	
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		

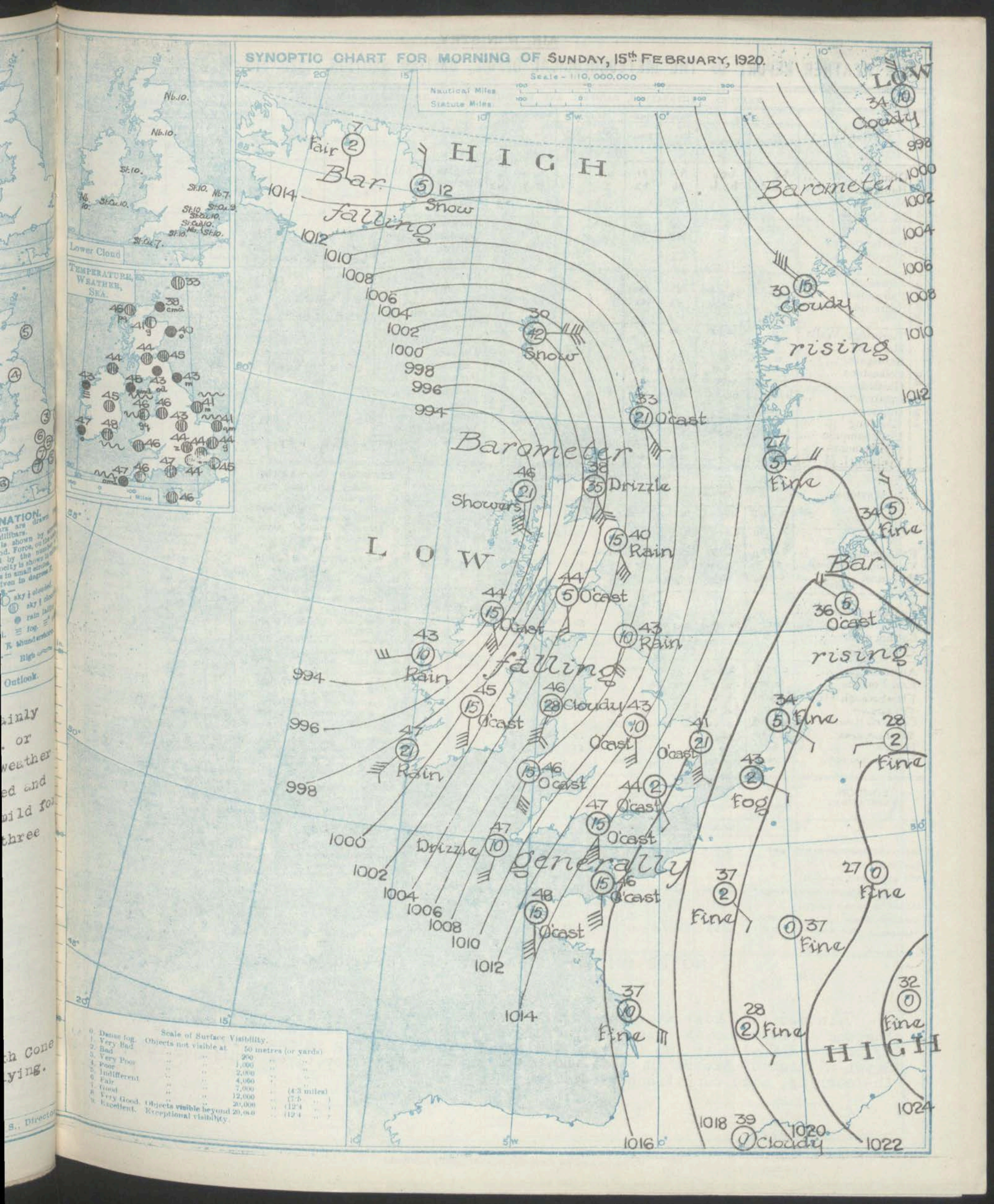
**Farther Outlook.**  
 Wind mainly from SW. or W. and weather unsettled and rather mild for two or three days.

↓ South Cone flying.



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NATION.  
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 in small circles  
 ven in degree  
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 sky | clouds  
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1921.

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

STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h.	Day. 9h-12h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h.	Day. 9h-12h.	Sunrise to Sunset.
						13-14		14							13-14		14
						mm.		mm.							mm.		mm.
Scotland.	Oban ... ..	bc	bc	42	31	0.3	-	2.4	England, N.W.	Douglas (I.O.M.)							
	Banff ... ..	c dc	bc.b	36	32	2	-	5.3		Blackpool ... ..	bc d	bc.ore	47	42	1	0.1	3.2
	Montrose ... ..									Southport ... ..							
	St. Andrews ... ..																
England, N.E.	Harrogate ... ..	bc.oo	o	46	40	0.3	-	1.9	Midlands.	Buxton ... ..							
	Scarborough ... ..	bc	b	48	39	-	-	6.4		Leamington Spa ... ..	*	*	51	43	0.3	-	3.1
	Skegness ... ..									Malvern ... ..	c	c	52	44	0.3	-	5.3
										Ross-on-Wye ... ..	bc.cep	bc.bmc	57	44	0.2	-	4.1
England, E.	Lowestoft ... ..								Wales.	Rhyl ... ..							
	Felixstowe ... ..	cgm	cgm.pd	50	44	-	0.3	0.0		Colwyn Bay ... ..	*	*					
	Southend-on-Sea ... ..	o	oem	53	41	-	-	0.7		Llandudno ... ..	cb	ed	49	42	3	0.1	2.0
										Aberystwyth ... ..	ocb	bcd	48	45	1	-	4.5
England, S.E.	Tunbridge Wells	o	cb	50	41	-	-	0.3	England, S.W.	Weymouth ... ..							
	Margate ... ..	c	c	51	44	-	-	0.1		Teignmouth ... ..							
	Ramsgate ... ..	o	b	50	34	-	-	0.5		Torquay ... ..	bc.c	bc.c	53	45	0.1	-	0.8
	Folkestone ... ..	c	c.o	49	42	-	-	0.3		Paignton ... ..	od bc	c bc od	38	43	-	-	1.2
	Hastings ... ..	bc.o	o.b.c.b	51	43	-	-	1.2		Penzance ... ..							
	Eastbourne ... ..	bc.oo	oc.bc	49	45	0.1	-	1.2		Newquay ... ..							
	Brighton ... ..									Bude ... ..							
	Worthing ... ..	o	b.c.b	50	44	-	-	2.4		Ilfracombe ... ..							
	Littlehampton ... ..	bem	bc	51	47	-	-	3.0		Weston-s-Mare ... ..							
	Bournemouth ... ..	*	*	51	43	0.3	-	0.0		Bath ... ..	oc.bc.b	b.bc	55	45	1	-	5.1
	Ventnor (I. of W.)	-	-	49	44	0.3	-	0.9									

SCALE OF

STATIONS.	SUMMARIES FOR PAST 24 HOURS.									
	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	RAINFALL.		Sun. Hours.
	7h-13h... <sup>14</sup>	13h-18h... <sup>14</sup>	18h...-1h... <sup>15</sup>	1h-7h... <sup>15</sup>				Day. 7h-18h	Night. 18h-7h	
Eskdalemuir ... ..	b. bc	C O	o sm. ad m. or.	o m. or s. ad m.	43	29	30	-	17	6.5
Valencia (Cahirelveen) ...	od	odp.	o or		51	43	41	-	4	0.0
Baldonnel ... ..	C. om.	od.	g. h. d. o	g. r.	50	40	*	*	*	*
Anglesey (Llangefni) ...							*	*	*	*
Falmouth ... ..	oe	oe of o	of. o. c.	cp	52	45	43	!	3	0.2
Calshot (Hants) ... ..	c. o		ef. c. o.	em.	53	42	45	-	-	0.0
Capel. (Folkstone)							*	*	*	*
Aberdeen ... ..	c. bc. b	b. bc. z	c. g. m. r.		40	28	22	-	4	4.8
East Fortune ... ..	b. bc	bc c	f. r. s. f. s.				*	*	*	*
Flamborough Head	b. bc. b. c	b. bc					*	*	*	*
Felixstowe	c. p. a	f. d. m.	o m. p. d.		50	41	*	*	*	*
Cranwell (Lincs) ...	o m. p. d.	o m. z	o. o m.	o m. of.	47	39	*	*	*	*
Shoeburyness.	c. om	o m. c	c. of e		53	40	37	-	-	1.5
Benson ... ..	bc.	b	b. o		53	36	25	-	0.2	*
London (Kew Obsy.) ...	om. o	o c bc b	b. f. h. g. f. m. w. w.		52	39	28	-	trace	0.3

**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.

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

**THE BEAUFORT SCALE OF 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	Less than 0.3	
1	1-3	0.3-1.5	
2	4-7	1.6-3.3	
3	8-12	3.4-5.4	
4	13-18	5.5-7.9	
5	19-24	8.0-10.7	
6	25-31	10.8-13.8	
7	32-38	13.9-17.1	
8	39-46	17.2-20.7	
9	47-54	20.3-24.4	
10	55-63	24.5-25.4	
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.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON. (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.					
		Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.		15° & 16° FEB. 1920					
		24 HOURS ENDED 9h G.M.T. 15							YESTERDAY.		TO-DAY.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.		Stations.	Sunrise.	Noon.	Sunset.
													G.M.T.	G.M.T.	G.M.T.	G.M.T.		
Greenwich (Royal Observatory)	oof	o.c	c.of ad o	54	38	31	-	0.3	76	93								
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	*								
Westminster (St. James's Park)	*	*	*	*	*	*	*	*	*	*								
" (Admiralty Arch)	cufora	bc one	obn one	54	41	*	0.2	0.4	76	86	Total .....	Joules.	Yarmouth...	7.12	12.4	5.1		
Camden Sq. (British Rainfall)	o	o.c	*	53	40	32	-	*	80	85	.....	Milliwatts.	Greenwich	7.10	12.7	5.4		
Kensington Palace ...	c.ov bc	c. bc	*	52	40	32	0.2	*	80.8	82	Average Rate.		Wick ...	7.16	12.14	5.12		
Hampstead Observatory	o.c	c. bc	bf of ad	51	35	34	trace	1.0	*	52	Maximum Rate.		Valencia ...	7.15	12.26	5.4		
														7.44	12.26	5.0		
														7.58	12.28	5.52		
														7.57	12.28	6.23		

## NOTES ON THE WEATHER OF YESTERDAY.

In Scotland most stations reported several hours of bright sunshine, but in England there was much less. Rain fell rather heavily at some northern stations, 17 mm. at Eskdalemuir and 15 mm. at Glasgow. There was fog in the Straits of Dover at night. Except in Scotland, where rather low temperatures continued until the morning, mild conditions prevailed.





## AIR MINISTRY.

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

BRITISH SECTION.

No. 21,270B

Monday, 16<sup>th</sup> February, 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. 0-10.	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. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.											
			Direc.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Direc.	Force 0-12.						Form.	Amt. 0-10.														
			13H. G.M.T. 15 <sup>th</sup>														18H. G.M.T. OF 15 <sup>th</sup>																						
Eskdalemuir ...	999.1	-5	S	6	or	43	87	8	12-2000	Nb	10	-	-	998.0	+1	SSW	5	0	39	98	7	1-1500	Nb	10	-	-	-	4											
Valencia (Cahire'n)	999.8	+1	SW	5	bc	48	65	8	3-4000	cu	4	2. cu	2	1001.1	+3	SW	5	0	46	65	8	3-4000	cu	3	-	-	-	4											
Baldonnell ...	999.2	-3	SW	4	T.	43	98	4	1-1500	St. cu	10	-	-	999.5	+1	SW	5	0	42	92	5	2-3000	St. cu	2	cu	1	-	-											
1H. G.M.T. OF 16 <sup>th</sup>																																							
Anglesey (Llangefni)	1004.0	-5	SSW	5	bcq	51	82	7	-	cu	2	2. cu	4	1006.6	+1	SSW	3	or	47	92	2	-	Nb	10	-	-	-	-											
Falmouth ...	1012.1	-3	S	4	0	48	84	8	2-3000	St. cu	10	-	-	1009.2	-2	S	3	C	48	92	6	1-1500	St. cu	8	-	-	-	4											
Calshot (Hants) ...	1012.1	-3	S	4	0	48	84	8	2-3000	St. cu	10	-	-	1009.2	-2	S	3	C	48	92	6	1-1500	St. cu	8	-	-	-	4											
Capel (Folkestone)	1012.1	-3	S	4	0	48	84	8	2-3000	St. cu	10	-	-	1009.2	-2	S	3	C	48	92	6	1-1500	St. cu	8	-	-	-	4											
7H. G.M.T. OF 16 <sup>th</sup>																																							
Aberdeen ...	997.6	-7	S	5	bcq	44	87	5	-	Nb	10	-	-	999.2	-4	S	4	om	43	82	6	-	Nb	9	-	-	-	4											
East Fortune ...	998.6	-8	S	5	og	48	75	7	3-4000	St. cu	5	2. cu	5	996.5	+1	SW	2	0	41	87	7	2-3000	St. cu	9	-	-	-	4											
Flamborough Hd.	1006.6	-6	S	6	bcq	44	92	6	3-4000	St. cu	2	2. cu	4	1003.4	-3	S	6	0	41	87	7	2-3000	St. cu	10	-	-	-	4											
Felixstowe ...	1013.9	-4	S	3	0	47	87	5	4-5000	St. cu	9	2. cu	1	1011.5	-3	S	4	C	45	92	7	2-3000	St. cu	6	2. cu	2	2												
Cranwell (Lines)	1008.2	-4	S	6	C	47	82	6	2-3000	St. cu	4	2. cu	4	1006.2	-2	S	5	0	46	87	7	1-1500	St. cu	10	-	-	-	4											
Shoeburyness ...	1012.9	-5	SW	4	0	47	87	7	2-3000	St. cu	10	-	-	1010.8	-3	SSW	3	0	46	87	7	2-3000	St. cu	9	-	-	-	4											
Benson ...	1010.3	-3	S	5	0	47	87	7	2-3000	St. cu	10	-	-	1007.6	-1	S	4	0	46	82	5	-	St. cu	10	-	-	-	4											
London (Kew Ob.)	1011.8	-5	SSW	4	0	49	65	5	3-4000	St. cu	6	2. cu	4	1009.2	-4	S	4	0	48	75	5	2-3000	St. cu	8	2. cu	2	-	4											
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. Temp. °F.	WIND. Direc.	FORCE 0-12.	WEATHER.	SEA 0-9.	RAINFALL mm.	TEMP.		WEATHER.			SUNSHINE Hours.																					
			Direc.	Force 0-12.									Max. °F.	Min. °F.	Morning.	Afternoon.	Night.																						
			18H. G.M.T. OF 15 <sup>th</sup>										7H. G.M.T. OF 16 <sup>th</sup>										24 HOURS ENDED 7H. 16 <sup>th</sup>										15 <sup>th</sup>						
Lerwick ...	992.2	44	S	4	omg	991.0	0	43	110	S	7	-	bcq	4	4	44	33	omg	omg	bcq	6	0.2																	
Stornoway ...	986.0	42	SW	5	0	986.8	+6	45	-1	WSW	6	-	bcq	4	10	47	34	opg	opg	bcq	6	0.2																	
Castlebay (Barra Is)	988.0	43	SW	5	op	992.9	+4	46	WSW	5	-	-	bc	5	2	46	41	Top	op	bcq	6	1.4																	
Glasgow ...	996.0	42	SW	3	C	1001.1	+5	39	-5	SW	4	-	bc	5	5	45	38	opg	opg	bcq	6	0.0																	
Malin Head ...	989.8	42	SSW	3	bc	996.8	+3	40	-4	SSW	4	-	C	3	1	48	39	C	bc	C	6	2.9																	
Blacksod Point ...	993.6	45	W	4	bcq	998.7	+3	46	+3	W	4	-	C	3	2	46	36	bcq	bcq	bcq	6	0.2																	
Roche's Point ...	1002.4	45	SSW	3	bc	1005.0	0	47	-1	SSW	4	-	0	4	5	50	42	omg	bc	bcq	6	0.2																	
Birr Castle ...	999.3	42	SW	3	C	1002.9	0	40	-5	SSW	2	-	C	4	15	48	36	or C	C	bc	6	3.4																	
Donaghadee ...	997.6	43	SW	3	bc	1000.1	+2	39	-6	SSW	3	-	bc	4	4	47	37	omg	bc	bc	6	0.2																	
Liverpool (Bidston)	1002.0	43	SW	3	T	1004.2	+3	40	-6	S	3	-	bc	3	2	50	39	-	op	bc	6	0.9																	
Holyhead ...	1000.2	45	SW	5	og	1006.4	+1	45	-1	SW	4	-	bc	3	5	48	42	cpq	cpq	bc	6	0.0																	
Pembroke (St. Ann's Head)	1003.9	46	SW	4	C	1008.6	+1	45	-1	S	3	-	bc	3	3	48	44	og	og	bc	6	0.9																	
Sceilly (St. Mary's)	1006.4	46	SSW	2	C	1009.5	0	46	-1	S	1	-	bc	3	2	51	45	omg	omg	bc	6	1.2																	
Jersey (St. Aubin)	1010.9	49	SSW	3	0	1012.7	0	48	+2	S	3	-	0	3	-	51	44	0. bc. oc	C. O	bc	6	2.0																	
Portland Bill ...	1007.3	46	SSW	5	0	1010.6	44	46	-1	S	2	-	bc	4	-	50	43	og	0	bc	6	0.2																	
Dungeness ...	1011.3	45	SSW	2	bc	1012.0	+3	47	+2	SSW	3	-	bc	3	-	48	44	C	C. bc	bc	6	0.4																	
Wick ...	990.2	42	SSW	4	om	989.7	0	41	+3	SSW	5	-	bc	4	2	45	30	omg	omg	bcq	6	0.2																	
Nairn ...	990.7	40	-	-	C	991.7	0	42	+1	SSW	5	-	bc	3	1	48	36	C. q. q.	bcq	bc	6	1.4																	
Leith ...	994.8	42	SW	2	C	999.2	+1	40	-5	SW	3	-	bc	2	2	51	40	og	og	bc	6	0.0																	
Tynemouth ...	1000.3	47	SW	5	om	1005.7	+3	41	-2	SW	3	-	bc	3	1	49	39	omg	omg	bc	6	0.0																	
Spurn Head ...	1004.2	46	S	5	0	1008.5	+5	40	-1	WSW	4	-	bc	4	1	47	38	om	om	bc	6	0.0																	
Yarmouth (Gorleston)	1011.2	44	SSW	6	0	1011.8	+3	41	0	WSW	2	-	bc	2	1	47	40	og	og	bc	6	0.0																	
Clacton-on-Sea	1010.6	45	SSW	4	C	1012.2	+4	44	0	SSW	2	-	C	2	-	46	43	og	og	C	6	0.0																	
Nottingham ...	1004.9	47	S	4	0	1010.2	0	37	-6	SW	1	-	bc	3	3	50	36	0	0	bc	6	0.4																	

\* Information for these columns not usually received.

† The barometric



# SUMMARY OF CONDITIONS AT 7 A.M. Monday, 16th February, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Var. 0-10.	Mod.	Fine to cloudy; local mist and fog.	V. poor.	Slight.
2. E. England	SW. 0-10.	R.mild.	Fine to cloudy; local mist.	Indiff.	Smooth.
3. E. Midlands	SW. 2.	R.cold.	Fine.	Good.	-
4. W. Midlands	S-SW. 0-5.	"	Fine.	-	-
5. S.W. England	S. 0-5.	Mod.	Fine or fair.	Fair.	Slight.
6. South Wales	S-SW. 2-10.	"	Fine.	Ord.	"
7. North Wales	S-SW. 10-15.	"	Fine.	"	"
8. N.W. England	S-SW. 10-15.	"	Fine.	Fair.	Mod.
9. N. Midlands	SW. 5-10.	"	Fine or fair.	-	-
10. N.E. England	SW. 10-15.	"	Fine to cloudy; local mist.	Indiff.	Mod.
11. E. Scotland	SSW-SW. 10-20.	R.mild.	Fine to cloudy; local squalls.	Fair.	Slight.
12. S.W. Scotland	SW. 15-20.	Mod.	Fine to fair.	Good.	"
13. Isle of Man	SW. 15.	"	Fine.	-	Mod.
14. N. & N.W. Scotland	SSW-WSW. 20-25.	R.mild.	Fair to dull; local showers and squalls.	Ord.	R.rough
15. Hebrides	WSW. 20-25.	"	Cloudy or dull; local showers and squalls.	Fair.	"
16. Orkneys and Shetlands	S-SW. 30-35.	"	Fair, squalls at Shetlands.	"	Mod.
17. N.W. Ireland	SW-W. 15.	"	Cloudy.	"	Slight.
18. N.E. Ireland	SSW. 10-15.	Mod.	Fine to cloudy; local mist.	Indiff.	"
19. S.E. Ireland	S-SW. 5-15.	"	Cloudy.	Ord.	"
20. S.W. Ireland	S-SW. 15.	R.mild.	Cloudy or overcast.	Fair.	Mod.

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

A depression centred near Faroe is moving N.E. and a secondary depression is indicated off the S.W. or Ireland. Winds between S. and W. are likely to continue and in the South the weather is likely to remain rather mild, but in the North temperature is likely to fall.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn at intervals of two millibars.  
**WIND.**—Direction is shown by the arrow flying with the wind. Force, indicated by the number of feathers. Mean velocity is shown per hour by figures in small circles.  
**TEMPERATURE.**—Mean temperature is shown by figures in small circles.  
**WEATHER SYMBOLS.**  
 ☉ clear sky. ☁ sky & clouds. ☂ rain. ☄ overcast sky. ☂ rain & snow. \* snow. ▲ hail. ⚡ thunder. T thunder. SEA DISTURBANCE.—Rough. High.

## Further Outlook.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Monday, 16th February, 1920.
1. S.E. England	Light or moderate winds mainly from S.W. Fair today, becoming less settled with perhaps rain tomorrow. Visibility mainly good but poor locally. Mild.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Light or moderate winds between S. and W. Fair at first, becoming less settled with some rain later. Visibility fair or good. Mild.
6. South Wales	
7. North Wales	
8. N.W. England	Light or moderate winds between S. and W. Fair at first, becoming less settled. Visibility fair or good. Mild then colder.
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	Fresh or strong winds between S. and W. Variable sky, some showers. Visibility fair or good. Mild then colder.
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	Light or moderate winds between S. and W., freshening later. Cloudy to dull, some rain. Mild to moderate temperature.
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

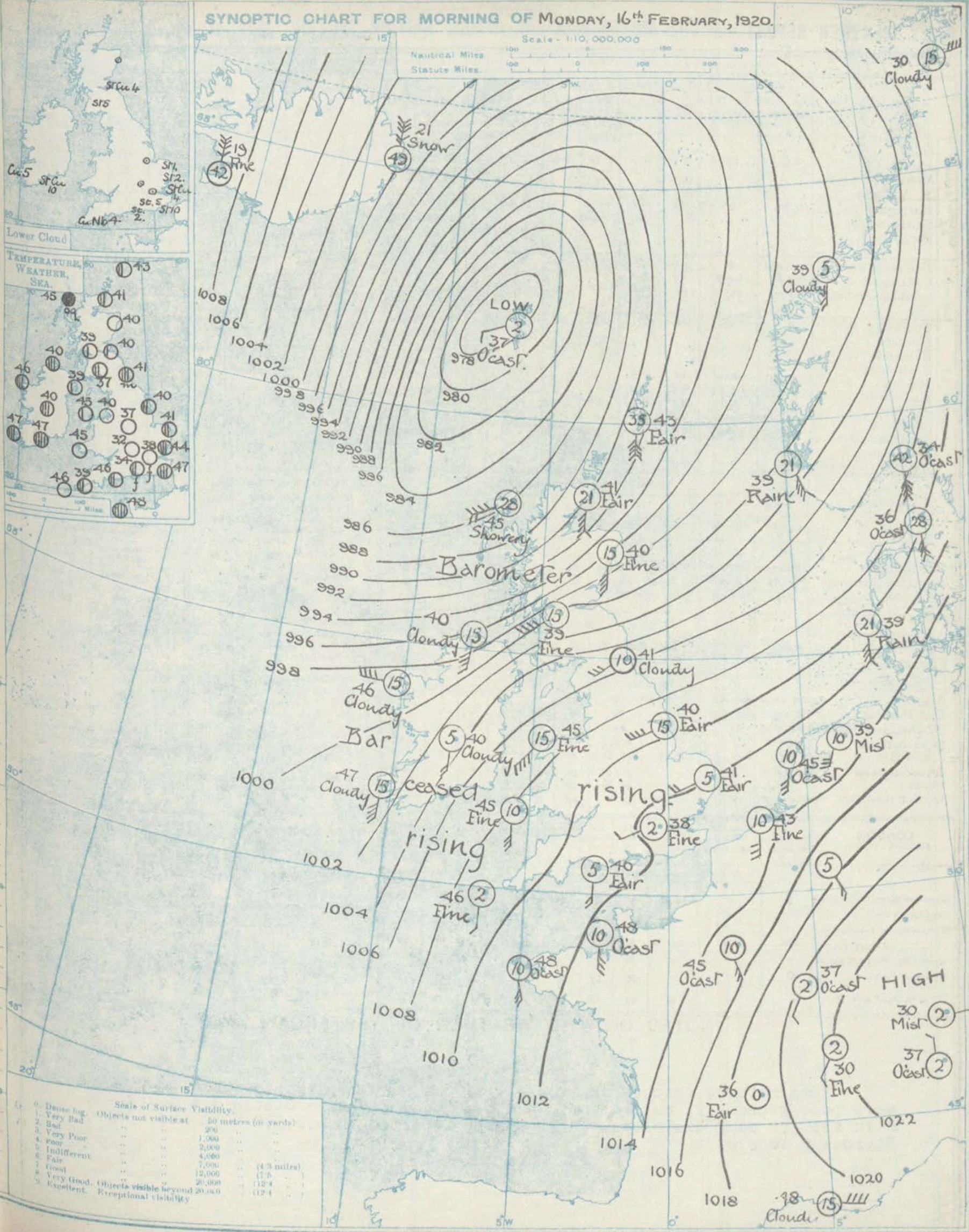
Remaining rather mild in the South, but becoming colder in the North.



# SYNOPTIC CHART FOR MORNING OF MONDAY, 16<sup>th</sup> FEBRUARY, 1920.

Scale - 1:10,000,000

Nautical Miles  
Statute Miles





## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 47. B

Monday  
16<sup>th</sup> February

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR .....																	
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h. 14 <sup>th</sup> -15 <sup>th</sup>	Day. 9h-12h. 15 <sup>th</sup>	Sunrise to Sunset. 15 <sup>th</sup>			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h. 14 <sup>th</sup> -15 <sup>th</sup>	Day. 9h-12h. 15 <sup>th</sup>	Sunrise to Sunset. 15 <sup>th</sup>
Scotland.	Oban ... ..								England, N.W.	Douglas (I.O.M.)							
	Banff ... ..	o.c	c.op.c	46	27	0.4	0.6	0.1		Blackpool ... ..							
	Montrose ... ..									Southport ... ..	o.c	o.r.o	49	43	3	4	0.4
	St. Andrews ... ..																
England, N.E.	Harrogate ... ..	o.b.c	o.r	48	37	1	-	0.6	Midlands.	Buxton ... ..							
	Scarborough ... ..									Leamington Spa ... ..			51	43	-	-	0.0
	Skegness ... ..									Malvern ... ..							
										Ross-on-Wye ... ..	b.c.c	c.o.p	50	44	1	0.2	1.2
England, E.	Lowestoft ... ..	o.d.m	o	46	38	-	-	0.0	Wales.	Rhyl ... ..	b.c.c	c.m	52	42	1	3	2.1
	Felixstowe ... ..	o.g.f	c.g.m	47	43	-	-	0.2		Colwyn Bay ... ..			50	44	-	5	1.0
	Southend-on-Sea ... ..	o.p.m	o	52	40	0.2	-	0.4		Llandudno ... ..	c.c	c	51	42	0.3	4	0.6
										Aberystwyth ... ..							
England, S.E.	Tunbridge Wells ... ..	o	o	48	37	0.3	-	0.0	England, S.W.	Weymouth ... ..							
	Margate ... ..									Teignmouth ... ..							
	Ramsgate ... ..									Torquay ... ..	d.o.m	d.o	49	46	1	0.2	0.0
	Folkestone ... ..		o.b.c	48	39	1	-	1.0		Paignton ... ..	o.d	o.d	50	46	1	0.3	0.0
	Hastings ... ..	o.r.o	b.c.c	48	40	1	-	1.3		Penzance ... ..	b.c.c	c.o	52	46	0.3	-	0.2
	Eastbourne ... ..	o.c	b.c.c	47	42	0.3	-	0.1		Newquay ... ..	o.p.c	o.o.p	52	45	10	3	0.4
	Brighton ... ..	o	o	48	43	-	-	0.0		Bude ... ..							
	Worthing ... ..	o	o	48	43	-	-	0.0		Ilfracombe ... ..							
	Littlehampton ... ..	c.v	o.g.u	47	46	-	-	0.0		Weston-s-Mare ... ..							
	Bournemouth ... ..			48	45	2	-	0.5		Bath ... ..	b.b.c.c	o.p	51	45	-	-	0.6
	Ventnor (I. of W.) ... ..	-	-	48	44	trace	-	0.0									
SUMMARIES FOR PAST 24 HOURS.																	
STATIONS.		WEATHER.				TEMP.		RAINFALL.	SUB.								
		7h-13h. 15 <sup>th</sup>	13h-18h. 16 <sup>th</sup>	18h-24h. 16 <sup>th</sup>	1h-7h. 16 <sup>th</sup>	Max. Temp. °F.	Min. Temp. °F.										
		mm.	mm.	mm.	mm.	°F.	°F.	mm.	mm.	mm.	mm.						
Eskdalemuir ... ..		o.p.m.c.o	o.r.m.o	a.c.g.b.c.g.	b.c.g.o.p.g.	44	37	34	7	trace	0.0						
Valencia (Cahirciveen) ... ..		o.p.b.c	c.p.b.c.b	b	b.c	49	42	39	3	-	6.2						
Baldonnell ... ..		b.g	b.c.c.o														
Anglesey (Llangefni) ... ..																	
Falmouth ... ..		c.b.c.g	o.g.o.r	a.b.w.	c.b.w.b.c	51	39	28	2	1	0.6						
Calshot (Hants) ... ..		o	b.c.c.o	o	b.b.c.x	48	37		-	-	0.0						
Capel (Folkestone) ... ..																	
Aberdeen ... ..		o.m.c.m.d	o.m.d.r		o.m.c.b	44	38	34	1	-	0.2						
East Fortune ... ..		c.c.g	p.d.c.o	b	b	50	39										
Flamborough Head ... ..		o.m.p.d	c.g	c.o.r	b.z	45	36										
Felixstowe ... ..		o.m.c	c.g		b.b.c.z	48	40										
Cranwell (Lincs) ... ..		o.m	o.m.g	o.m.i	b.b.b.c	48	35										
Shoeburyness ... ..		o.f.e.o	o		o.c.f	52	37	30	-	-	0.4						
Benson ... ..		o	o		o.r.b.x	49	32	22	-	2							
London (Kew Obs.) ... ..		o.w.m.o	o		o.b.f.x	49	38	26	trace	1	0.0						
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.	°F.	°F.	mm.	15 h. G.M.T.	9 h. G.M.T.								
		24 HOURS ENDED 9h G.M.T. 16 <sup>th</sup>				YESTERDAY.		TO-DAY.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.							
Greenwich (Royal Observatory)		o	o	b.b.m.x	49	36	28	0.1	0.0	71	90						
City (Bunhill Row) ... ..									0.0								
Westminster (St. James's Park) ... ..					50	37	28	0.2	0.0	89	94						
" (Admiralty Arch) ... ..		o.m	o.m	o.o.d.b.c	51	43		0.2	0.0	79	86						
Camden Sq. (British Rainfall) ... ..		-	-		50	37	28				100						
Kensington Palace ... ..		o	o		50	37	27	0.9		97							
Hamstead ... ..				o	47	44	40		0.1		81						
NOTES ON THE WEATHER OF YESTERDAY.																	
Temperatures reached or exceeded 50° at many stations. Sunshine records were poor generally, but Valencia had 6.2 hours and Birr Castle 3.4 hours. Rain fell in many districts. Birr Castle reported 15 m.m. of rain and Stornoway 10 m.m.																	





## AIR MINISTRY.

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

BRITISH SECTION.

No 26271.B

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

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 15H.																																																								
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	Humidity. %	Visibility. 0-10. Feet.	Height of Low Cloud.		Low Cloud.		Upper Cloud.		Sea.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	Humidity. %	Visibility. 0-10. Feet.	Height of Low Cloud.		Low Cloud.		Upper Cloud.		Sea.																										
			Dir.	Force					Form.	Amt.	Form.	Amt.	Form.	Amt.				Form.	Amt.					Form.	Amt.	Form.	Amt.	Form.	Amt.																											
																															0-10.	10-20.	20-30.	30-40.	40-50.	50-60.	60-70.	70-80.	80-90.	90-100.																
13H. G.M.T. of 16 <sup>th</sup>														13H. G.M.T. of 16 <sup>th</sup>																																										
Eskdalemuir ...	1006.6	+1	SSW	6	0	43	92	6	1/2-2000	St	9	6	St	1	1008.0	+1	SSW	4	0	40	82	7	-	St	2	6	St	7	10	1008.0	+1	SSW	4	0	40	82	7	-	St	2	6	St	7	10												
Valencia (Cahire'n)	1000.9	-2	SSE	6	C	50	75	8	2-3000	Cu	6	6	Cu	2	998.2	-2	SSE	5	C	50	82	8	2-3000	Cu	6	6	Cu	2	1004.5	-1	E	4	0	47	92	6	1-1500	St	4	4	0	47	92	6	1-1500	St	4	4	0							
Baldonnel ...	1006.0	0	S	4	C	50	84	6	2-3000	St	5	5	St	3	1004.5	-1	E	4	0	47	92	6	1-1500	St	4	4	0	47	92	6	1-1500	St	4	4	0	47	92	6	1-1500	St	4	4	0													
Anglesey (Llangefni)	1009.6	-1	SSE	4	Om	50	92	4	-	St	10	-	-	-	1007.6	-2	SSE	3	Om	50	92	3	-	St	10	-	-	-	1007.6	-2	SSE	3	Om	50	92	3	-	St	10	-	-	1007.6	-2	SSE	3	Om	50	92	3	-	St	10	-	-		
Falmouth ...	1009.6	-1	SSE	4	Om	50	92	4	-	St	10	-	-	-	1007.6	-2	SSE	3	Om	50	92	3	-	St	10	-	-	-	1007.6	-2	SSE	3	Om	50	92	3	-	St	10	-	-	1007.6	-2	SSE	3	Om	50	92	3	-	St	10	-	-		
Calshot (Hants) ...	1012.5	0	S	2	Om	48	98	6	1-1500	St	10	-	-	-	1012.6	0	SSE	3	0	48	98	6	3-4000	St	10	-	-	-	1012.6	0	SSE	3	0	48	98	6	3-4000	St	10	-	-	1012.6	0	SSE	3	0	48	98	6	3-4000	St	10	-	-		
Lymington (Folkestone)	1009.6	-1	SSE	4	Om	50	92	4	-	St	10	-	-	-	1007.6	-2	SSE	3	Om	50	92	3	-	St	10	-	-	-	1007.6	-2	SSE	3	Om	50	92	3	-	St	10	-	-	1007.6	-2	SSE	3	Om	50	92	3	-	St	10	-	-		
Aberdeen ...	1002.5	+5	SSW	4	bcz	48	85	6	-	-	-	-	A Cu	6	1005.8	+4	E	2	Om	45	75	6	-	St	9	-	-	-	1005.8	+4	E	2	Om	45	75	6	-	St	9	-	-	1005.8	+4	E	2	Om	45	75	6	-	St	9	-	-		
East Fortune ...	1004.5	+5	SW	5	C	48	75	6	2-3000	St	2	2	Ci St	4	1006.3	-1	-	0	C	45	75	6	2-3000	St	4	4	A St	4	1006.3	-1	-	0	C	45	75	6	2-3000	St	4	4	A St	4	1006.3	-1	-	0	C	45	75	6	2-3000	St	4	4	A St	4
Flamborough Hd	1010.9	+2	SSW	4	bc	47	87	5	-	-	-	-	Ci St	3	1012.0	+1	SSE	3	bc	42	92	6	-	-	-	-	Ci St	4	1012.0	+1	SSE	3	bc	42	92	6	-	-	-	Ci St	4	1012.0	+1	SSE	3	bc	42	92	6	-	-	-	Ci St	4		
Felixstowe ...	1014.9	+2	SSE	2	bc	47	92	5	3-4000	Fr Cu	2	2	A St	2	1015.4	+1	SSE	2	of 2	45	92	3	2-3000	St	10	-	-	-	1015.4	+1	SSE	2	of 2	45	92	3	2-3000	St	10	-	-	1015.4	+1	SSE	2	of 2	45	92	3	2-3000	St	10	-	-		
Cranwell (Lincoln)	1013.3	+1	S	4	bc	50	75	8	-	-	-	-	-	-	1012.7	0	SSE	2	0	44	92	7	4-5000	St	10	-	-	-	1012.7	0	SSE	2	0	44	92	7	4-5000	St	10	-	-	1012.7	0	SSE	2	0	44	92	7	4-5000	St	10	-	-		
Shoeburyness	1014.2	+2	SSW	1	bc	52	75	7	3-4000	St Cu	4	4	A Cu	2	1014.6	+1	S	1	Om	46	92	5	2-3000	St	8	-	-	-	1014.6	+1	S	1	Om	46	92	5	2-3000	St	8	-	-	1014.6	+1	S	1	Om	46	92	5	2-3000	St	8	-	-		
Benson ...	1012.8	0	SSE	3	0	48	75	4	-	-	-	-	-	-	1012.3	0	S	4	0	48	92	4	-	St	10	-	-	-	1012.3	0	S	4	0	48	92	4	-	St	10	-	-	1012.3	0	S	4	0	48	92	4	-	St	10	-	-		
London (Kew Obs.)	1012.5	-1	S	3	0	51	75	6	3-4000	St Cu	8	8	A St	1	1013.9	+1	S	2	Om	48	84	3	1/2-2000	St	4	-	-	-	1013.9	+1	S	2	Om	48	84	3	1/2-2000	St	4	-	-	1013.9	+1	S	2	Om	48	84	3	1/2-2000	St	4	-	-		
1H. G.M.T. of 17 <sup>th</sup>														7H. G.M.T. of 17 <sup>th</sup>																																										
Eskdalemuir ...	1009.1	0	SSE	1	Om	50	92	6	-	Nb	10	-	-	-	1009.1	0	SSE	1	Om	44	97	5	1-1500	Nb	10	-	-	-	1009.1	0	SSE	1	Om	44	97	5	1-1500	Nb	10	-	-	1009.1	0	SSE	1	Om	44	97	5	1-1500	Nb	10	-	-		
Valencia (Cahire'n)	997.5	-1	S	6	Om	50	8	8	-	-	-	-	-	-	997.0	0	SE	4	Om	50	92	5	1-1500	Fr Cu	6	6	A St	4	997.0	0	SE	4	Om	50	92	5	1-1500	Fr Cu	6	6	A St	4	997.0	0	SE	4	Om	50	92	5	1-1500	Fr Cu	6	6	A St	4
Baldonnel ...	1006.0	0	S	4	C	50	84	6	2-3000	St	5	5	St	3	1004.5	-1	E	4	0	47	92	6	1-1500	St	4	4	0	47	92	6	1-1500	St	4	4	0	47	92	6	1-1500	St	4	4	0	47	92	6	1-1500	St	4	4	0					
Anglesey (Llangefni)	1009.6	-1	SSE	4	Om	50	92	4	-	St	10	-	-	-	1007.6	-2	SSE	3	Om	50	92	3	-	St	10	-	-	-	1007.6	-2	SSE	3	Om	50	92	3	-	St	10	-	-	1007.6	-2	SSE	3	Om	50	92	3	-	St	10	-	-		
Falmouth ...	1009.6	-1	SSE	4	Om	50	92	4	-	St	10	-	-	-	1007.6	-2	SSE	3	Om	50	92	3	-	St	10	-	-	-	1007.6	-2	SSE	3	Om	50	92	3	-	St	10	-	-	1007.6	-2	SSE	3	Om	50	92	3	-	St	10	-	-		
Calshot (Hants) ...	1012.5	0	S	2	Om	48	98	6	1-1500	St	10	-	-	-	1012.6	0	SSE	3	0	48	98	6	3-4000	St	10	-	-	-	1012.6	0	SSE	3	0	48	98	6	3-4000	St	10	-	-	1012.6	0	SSE	3	0	48	98	6	3-4000	St	10	-	-		
Lymington (Folkestone)	1009.6	-1	SSE	4	Om	50	92	4	-	St	10	-	-	-	1007.6	-2	SSE	3	Om	50	92	3	-	St	10	-	-	-	1007.6	-2	SSE	3	Om	50	92	3	-	St	10	-	-	1007.6	-2	SSE	3	Om	50	92	3	-	St	10	-	-		
Aberdeen ...	1002.5	+5	SSW	4	bcz	48	85	6	-	-	-	-	A Cu	6	1005.8	+4	E	2	Om	45	75	6	-	St	9	-	-	-	1005.8	+4	E	2	Om	45	75	6	-	St	9	-	-	1005.8	+4	E	2	Om	45	75	6	-	St	9	-	-		
East Fortune ...	1004.5	+5	SW	5	C	48	75	6	2-3000	St	2	2	Ci St	4	1006.3	-1	-	0	C	45	75	6	2-3000	St	4	4	A St	4	1006.3	-1	-	0	C	45	75	6	2-3000	St	4	4	A St	4	1006.3	-1	-	0	C	45	75	6	2-3000	St	4	4	A St	4
Flamborough Hd	1010.9	+2	SSW	4	bc	47	87	5	-	-	-	-	Ci St	3	1012.0	+1	SSE	3	bc	42	92	6	-	-	-	-	Ci St	4	1012.0	+1	SSE	3	bc	42	92	6	-	-	-	Ci St	4	1012.0	+1	SSE	3	bc	42	92	6	-	-	-	Ci St	4		
Felixstowe ...	1014.9	+2	SSE	2	bc																																																			



# SUMMARY OF CONDITIONS AT 7 A.M. Tuesday, 17th February, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	E-S. 2-10.	Mild.	Fine to cloudy, misty.	Poor.	Slight.
2. E. England	E-S. 5-15.	R.mild.	Fair to dull, misty.	Indiff.	Smooth.
3. E. Midlands	ESE. 5-15.	Mild.	Cloudy, mist locally.	"	"
4. W. Midlands	SE. 10-15.	"	Cloudy, local mist.	"	"
5. S.W. England	SE-S. 15-20.	R.mild.	Fine to cloudy.	Fair.	Mod.
6. South Wales	E-S. 15-20.	Mild.	Cloudy.	Ord.	"
7. North Wales	SE-S. 15-20.	"	Cloudy or dull.	"	Slight.
8. N.W. England	SE-S. 5-15.	"	Dull, local mist.	Indiff.	"
9. N. Midlands	SE-S. 5-10.	R.mild.	Cloudy, some mist.	Poor.	"
10. N.E. England	SE-SW. 5-10.	"	Fine to cloudy, some mist.	Indiff.	Smooth.
11. E. Scotland	S-SSW. 2-10.	Mild.	Fair or cloudy, local haze	"	"
12. S.W. Scotland	SE-S. 2-10.	"	Cloudy or overcast, some mist.	"	Slight.
13. Isle of Man	SSE. 20.	"	Cloudy.	"	Mod.
14. N. & N.W. Scotland	SSE-SSW. 5-10.	"	Dull, local mist and rain.	Indiff.	Smooth.
15. Hebrides	SE-SW. 5-10.	"	Dull, local rain.	"	"
16. Orkneys and Shetlands	S-SW. 5-10.	R.mild.	Overcast, misty.	"	Slight.
17. N.W. Ireland	SE-S. 5-10.	"	Cloudy or dull, misty.	Poor.	"
18. N.E. Ireland	SE-S. 10-15.	Mild.	Dull, local drizzle.	"	Mod.
19. S.E. Ireland	SE. 10-20.	"	Dull.	Indiff.	"
20. S.W. Ireland	SE-S. 15-20.	"	Overcast, local rain.	Poor.	"

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

Pressure is becoming high over Iceland and the area of lowest pressure now lies to South-West of Ireland. The main wind current will therefore be South-Easterly and there is a probability of colder weather for the next day or two.

**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 small circles per hour by figures in small circles.  
**TEMPERATURE SYMBOLS.**  
 ○ clear sky. ○ sky & clouds. ○ sky & rain.  
 ⊙ overcast sky. ⊙ rain falling.  
 \* snow. △ hail. = fog.  
 T thunder. R thunderstorm.  
**SEA DISTURBANCE.**—High waves. Rough.

## Districts. Forecasts for the 24 hours commencing 3 p.m. Tuesday, 17th February, 1920.

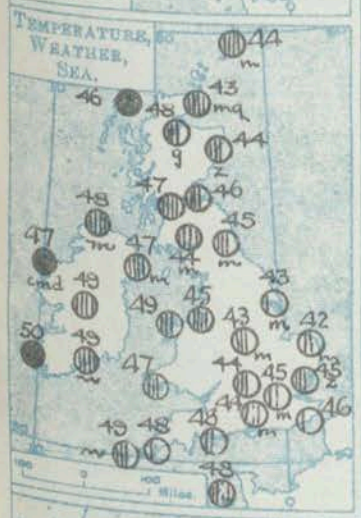
1. S.E. England	Wind S.E. light or moderate, weather mainly fair; some mist or fog; visibility poor; colder than of late.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Light or moderate winds between S. and E., cloudy; slight drizzle locally, some mist; visibility indifferent to poor; colder than of late.
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Light to moderate North Easterly or variable winds, variable sky, some rain or sleet; visibility indifferent; colder.
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	Wind S.E., moderate or fresh; dull with slight rain, improving; visibility indifferent, colder.
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Further Outlook.  
 A spell of colder weather seems probable.



# SYNOPTIC CHART FOR MORNING OF TUESDAY, 17TH FEBRUARY, 1920

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



ANATION.  
bars are drawn  
millibars.  
is shown by  
wind. Force, on the  
by the number  
velocity is shown by  
in small circles  
given in degrees  
sky: cloud  
sky: rain  
fog  
thunder

Outlook.

1 of  
weather  
probable

ANATION.  
bars are drawn  
millibars.  
is shown by  
wind. Force, on the  
by the number  
velocity is shown by  
in small circles  
given in degrees  
sky: cloud  
sky: rain  
fog  
thunder

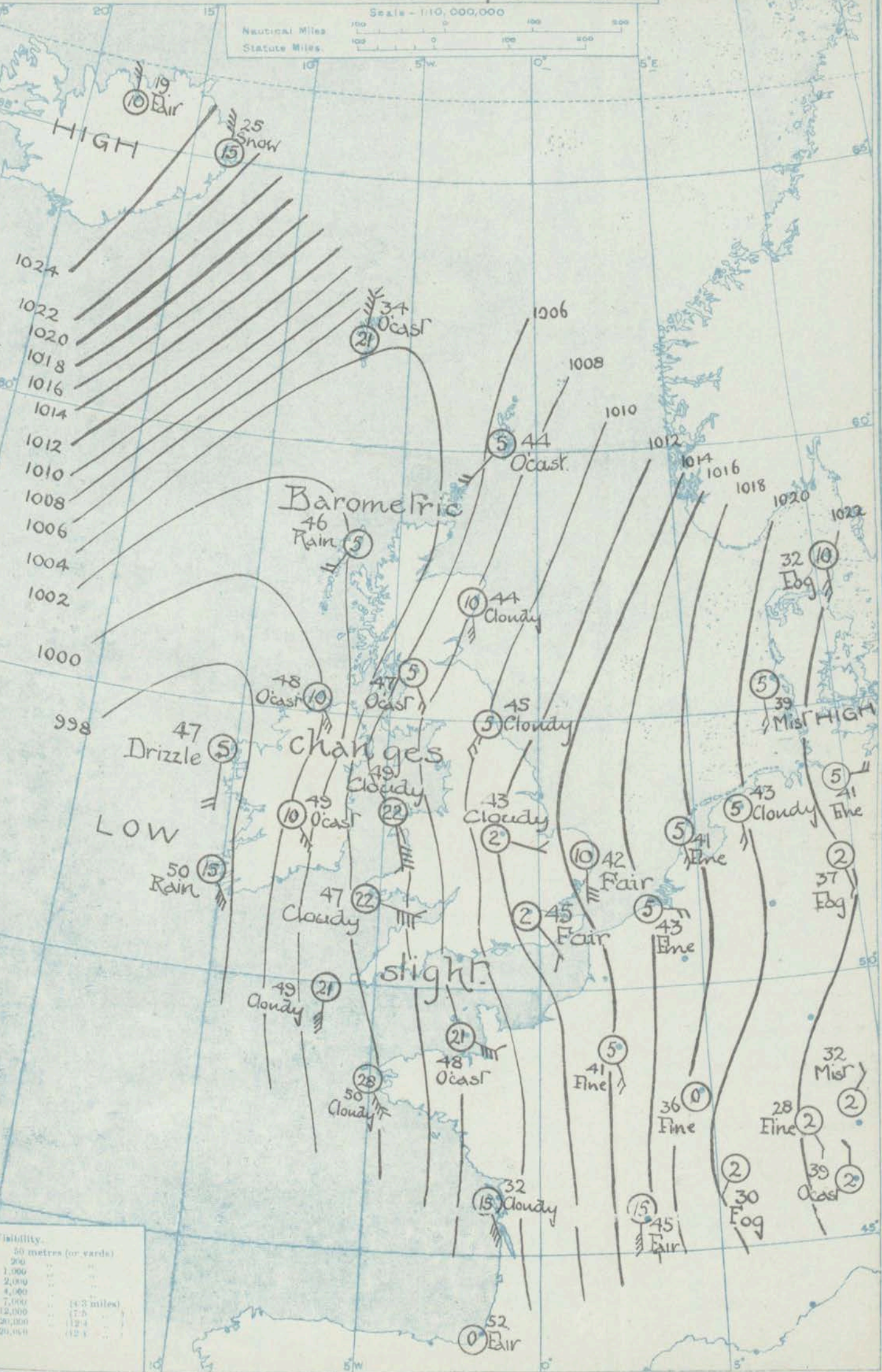
Outlook.

1 of  
weather  
probable

Scale of Surface Visibility.

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 feet  
Exceptional visibility





## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 48...B

Tuesday  
17th Feb'y 1920

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 16th																		
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night.	Day.	Sunrise to Sun- set.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night.	Lay.	Sunrise to Sun- set.	
						15th-16th.	16th.								15th-16th.	16th.		
Scotland.	Oban ... ..	-	0	47	38	2	mm.	0.0	England, N.W.	Douglas (I.O.M.)	c	bc	50	40	5	-	6.1	
	Banff ... ..	b	bc.c	51	36	-	-	5.8		Blackpool ... ..	b.bc.b	bc.b	52	36	1	-	6.4	
	Montrose ... ..	*	*	48	39	-	-	4.7		Southport ... ..	b.bc.b	bc.b	52	36	1	-	6.4	
	St. Andrews ... ..	*	*	48	39	-	-	4.7										
England, N.E.	Harrogate ... ..	b	b	48	35	5	-	6.7	Midlands.	Buxton ... ..			54	32	3	-	6.2	
	Scarborough ... ..	b.bc	b.l.	50	37	3	-	7.3		Leamington Spa ... ..	*	*	49	38	-	0.2	5.7	
	Skegness ... ..	b.bc	b.l.	51	35	1	-	8.0		Malvern ... ..	b.bc	bc.m	50	38	-	-	5.6	
										Ross-on-Wye ... ..	bc.b	bc.c.am	50	38	1	-	5.6	
England, E.	Lowestoft ... ..	b	p.b.b	50	39	-	-	8.0	Wales.	Rhyl ... ..	bc.b	b.bc	51	38	0.3	-	7.3	
	Felixstowe ... ..	bc.m	bc	48	42	-	-	8.4		Colwyn Bay ... ..	*	*	52	42	-	-	6.9	
	Southend-on-Sea ... ..	b.bc	bc.c	54	41	-	-	4.2		Llandudno ... ..	-	-	51	44	-	-	7.0	
										Aberystwyth ... ..	c.b.b	bc.c	51	44	-	-	7.5	
England, S.E.	Tunbridge Wells ... ..	bc.c	0.c	50	43	-	-	0.6	England, S.W.	Weymouth ... ..	bc.m	bc.c	51	36	1	-	1.6	
	Margate ... ..	c	c	53	43	-	-	1.3		Teignmouth ... ..	m.bc	bc	51	36	2	0.3	1.8	
	Ramsgate ... ..	-	0	53	43	-	-	2.4		Torquay ... ..	w.bc.r	bc	50	39	1	0.3	1.7	
	Folkestone ... ..	0	0	51	44	-	-	0.0		Paignton ... ..	bc.m.bcp	bc	49	34	1	0.3	2.2	
	Hastings ... ..	op.0	0.bc	49	45	0.2	-	0.1		Penzance ... ..	bc.c	od.c	50	39	2	1	2.1	
	Eastbourne ... ..	0	0.c.bc.c	49	46	0.2	-	0.9		Newquay ... ..	bc.bc	0	51	37	1	-	3.4	
	Brighton ... ..	0	0.c	50	45	-	-	0.6		Bude ... ..	c.bc	c.ox.c	52	37	3	-	3.1	
	Worthing ... ..	0	bc.c	49	42	-	-	0.0		Ilfracombe ... ..	b.bc	bc.c.ox	52	41	3	-	5.5	
	Littlehampton ... ..	bc.m.0	bc	49	47	-	-	1.7		Weston-s-Mare ... ..	b	bc.c	51	39	3	-	4.7	
	Bournemouth ... ..	*	*	50	33	1	1	1.7		Bath	mc.bc.b	0.c.bc	52	33	5	-	2.5	
	Ventnor (I. of W.) ... ..	-	-	50	42	Trace	-	2.0										

SUMMARIES FOR PAST 24 HOURS.												THE BEAUFORT SCALE OF WIND FORCE.		
STATIONS.	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Mtu. on Grass. ° F.	RAINFALL.		Sun. Hours.	Used only for surface observations.			
	7h-12h.	12h-18h.	18h-12h.	12h-7h.				Day. 7h-12h.	Night. 12h-7h.					
								inches.	mm.					
Eskdalemuir ...	b.c.e.0	0	b bc c.m	om om	44	35	28	-	2	0.2	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.  Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0 = slight, 1 = heavy. Underlining is used to express continuity.			
Valencia (Cahirciveen) ...	c.op	c.0	c.0		51	30	48	1	10	0.5				
Baldonnel ...	bc.cz	bc.c3												
Anglesey (Llangefni) ...														
Falmouth ...	bc.b.0m	om	a.c.b	b bc	51	38	41	-	-	2.3				
Calshot (Hants) ...	q3.pd.	c.0		bc3	51	41	40	-	-	1.1				
Lympne (Folkestone) ...														
Aberdeen ...	b.bcz	c3.03	0 bc.m		50	39	37	-	-	2.3				
East Fortune ...	b.bcz	bc.c	b.bcz.		50	38								
Flamborough Head	b.bcz	b.bcz		c03	50	43								
Felixstowe	b.bcz	c.0.c	c2											
Cranwell (Lincoln) ...	bv	b.bc.co	om	0 g3	51	41								
Shoeburyness	cfe.bc	bc.cm	cm	bc.m	53	44	35	-	-	2.7				
Benson ...	b.0	0	cp		51	32	40	-	0.1					
London (Kew Obsv.) ...	bm.w	0.c.m	bc bc.m		52	35	34	-	Trace	3.8				

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	1-2	0.3-1.5
2	3-7	1.6-3.8
3	8-12	3.4-5.4
4	13-18	5.6-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-29.4
11	64-76	28.5-33.5
12	Above 76	38.6 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 %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.					
	24 HOURS ENDED 9h G.M.T. 17th								YESTERDAY.	TO-DAY.			Vertical Component of Solar Radiation per Square Centimetre during yesterday.	17th & 18th Feb. 1920	
Greenwich (Royal Observatory)	6.0.0	0	bc. 0.6.c	54	43	35	-	4.8	87	80	Total ... 396 Joules.  Milliwatts.  Average Rate. 11.0  Maximum Rate. 34	Stations.	Sunrise.	Noon.	Sunset.
City (Bunhill Row)	"	"	"	53	42	33	-	0.6	"	"		G.M.T.	G.M.T.	G.M.T.	
Westminster (St. James's Park)	"	"	"	53	42	33	-	2.8	84	78		Yarmouth ...	7.8	12.7	5.6
" (Admiralty Arch)	6m.cm	0m	bc.m	54	45	"	-	1.5	86	74		Greenwich	7.6	12.7	5.8
Camden Sq. (British Rainfall)	bc.m	0.c	"	52	40	33	-	"	90	85		Wick	7.15	12.14	5.17
Kensington Palace	0.c	0	"	50	43	35	-	"	86	88	Valencia ...	7.11	12.26	5.11	

## NOTES ON THE WEATHER OF YESTERDAY.

The day was fine or fair in most localities and very good sunshine records were obtained at many stations. As much as 9 hours were enjoyed at Gorleston and 7 to 8 hours on the West Coast. Weather continued mild generally, the maximum reaching or exceeding 50° in nearly all districts. Rain was confined to the West and North-West districts, 6 m.m. at Stornoway being the highest measurement.





## AIR MINISTRY.

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

BRITISH SECTION.

No 21,72B

WEDNESDAY, 18<sup>TH</sup> FEBRUARY 1920.

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

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. 0-10. Feet.	Low Cloud.		Upper Cloud.		Sea	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	Humidity. %	Visibility. 0-10. 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.		0-9.	
13h. G.M.T. 17th																												
Eskdalemuir ...	1010.2	0	NE	4	oz	53	75	5	-	stcu	5	A.cu	4	*	1010.7	+1	S	1	oz	48	75	4	-	stcu	10	-	-	*
Valencia (Cahire'n)	1000.5	+3	SSE	4	o	52	87	6	1-1500	stcu	10	-	-	4	1003.1	+4	SE	4	o	52	92	7	1-1500	st.	10	-	-	4
Baldonnell ...	1005.9	-1	E	4	og	53	92	5	2-1000	st.	5	A.st	4	*	1007.9	+3	S	4	o	49	98	4	2-3000	stcu	8	A.st	2	*
18h. G.M.T. OF 17th																												
Anglesey (Llangefni)	1006.7	+2	SSE	3	cm	50	82	4	-	st.	7	-	-	*	1007.9	+2	ESE	4	bm	48	87	3	-	-	-	A.cu	1	*
Falmouth ...	1011.5	0	ESE	4	bc	48	92	6	-	-	-	A.cu	5	4	1012.4	+4	ESE	4	b	48	92	4	-	st.	1	-	-	3
Calshot (Hants) ...																												
Lympne (Folkestone)																												
Aberdeen ...	1010.2	0	S	3	oem	45	92	4	-	st.	10	-	-	2	1010.7	+1	S	3	om	45	92	3	-	st.	10	-	-	2
East Fortune ...	1009.6	0	SSW	3	c	53	75	6	2-3000	stcu	4	A.cu	4	*	1010.4	+1	-	0	om	47	82	4	2-3000	stcu	9	-	-	*
Flamborough Hd.	1012.9	-1	SE	3	b	46	92	5	-	-	-	A.cu	1	*	1013.4	+2	SE	2	b	43	92	5	-	-	-	A.st	3	*
Felixstowe ...	1014.1	-2	SSE	3	b	49	82	4	-	-	-	Ci	1	2	1015.2	+3	E	2	b	45	92	3	-	-	-	-	2	
Cranwell (Lincs)	1012.9	-1	SE	4	bz	56	75	5	-	-	-	C.st	2	*	1013.7	+2	ESE	3	bc	47	98	5	2-3000	st.	2	A.cu	3	*
Shoeburyness...	1013.8	0	SSW	2	bz	54	65	7	-	-	-	-	-	*	1014.1	+1	E	1	bfe	45	92	5	-	-	-	-	-	*
Benson ...	1010.0	-1	SSE	4	b	56	65	6	*	*	*	*	*	*	1012.5	+2	S	1	b	47	82	7	-	-	-	-	-	*
London (Kew Ob.)	1012.6	-1	S	4	b	57	65	5	-	-	-	-	-	*	1013.5	+3	SE	2	b	51	75	5	-	-	-	-	-	*
1h. G.M.T. OF 18th																												
Eskdalemuir ...	1011.9	+1	-	0	om	38	98	3	4500	St	9	-	-	*	1014.8	+1	-	0	ofe	37	98	2	-	-	-	A.cu	7	*
Valencia (Cahire'n)	1008.2	+4	SSE	3	om	50	*	*	*	*	*	*	*	*	1011.0	+3	SE	1	c	50	92	8	-	stcu	8	-	-	4
Baldonnell ...	1011.3	+3	SSE	2	bc	49	92	4	12-2000	stcu	4	-	-	*	1013.4	+3	-	0	bfe	39	98	5	-	-	-	A.st	2	*
7h. G.M.T. OF 18th																												
Anglesey (Llangefni)	1010.9	+1	ESE	1	bw	47	92	6	-	-	-	-	-	*	1012.7	+2	E	2	b	47	92	5	-	-	-	A.cu	3	*
Falmouth ...	1013.4	+1	ESE	1	bc	45	98	3	12-2000	st	5	-	-	3	1014.6	+2	E	2	c	45	92	3	12-2000	st	2	A.cu	3	3
Lympne (Folkestone)																												
Aberdeen ...															1012.1	+1	SSW	2	om	46	92	2	-	stcu	10	-	-	2
East Fortune ...															1012.5	+2	-	0	c	42	97	4	2-3000	st	4	A.cu	3	*
Flamborough Hd.																												
Felixstowe ...	1016.3	0	SE	1	b	44	82	5	-	-	-	-	-	2	1017.5	0	-	0	bfe	43	98	2	-	-	-	A.st	1	2
Cranwell (Lincs)	1014.8	+1	-	0	bz	39	98	2	4500	st	3	-	-	*	1017.0	+3	SSE	1	ofe	30	98	1	4500	st	6	A.st	4	*
Shoeburyness...															1016.4	+1	-	0	bfe	32	87	4	-	-	-	-	-	*
Benson ...															1015.7	+2	-	0	bfe	35	98	3	-	-	-	-	-	*
London ...	1014.5	+1	*	*	*	*	*	*	*	*	*	*	*	*	1016.6	+3	-	0	bfe	35	98	1	-	-	-	-	-	*
STATIONS CONTRIBUTING REPORTS AT 7h. AND 19h.																												
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		WEATHER.	BAROMETER.		TEMPERATURE.		WIND.		DIREC. of Upper Cloud.	WEATHER.	SEA	RAINFALL mm.	TEMP.			REL.			Sunshine Hours.						
			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.										
19h. G.M.T. OF 17th																												
Lerwick ...	1008.4	44	S	2	omr	1012.7	+2	-39	-5	NNE	3	-	omr	3	13	46	39	bcu	omr	omr	omr	*						
Stornoway ...	1005.6	47	SSW	2	or	1014.8	+4	39	-7	ENE	6	-	orq	5	32	47	*	or	or	or	orq	0.0						
Castlebay (Barra Is)	1005.8	47	SE	4	r	1011.5	+3	41	-	NNE	5	-	or	5	17	47	40	r	r	r	r	0.0						
Glasgow ...	1010.2	51	S	2	om	1013.4	+2	48	+1	S	2	-	o	*	0.2	52	47	odp	om	c.bz. om	c.bz. om	0.0						
Malin Head ...	1003.6	51	S	3	o	1009.8	+1	48	0	SSE	2	-	omd	2	4	51	49	o	o	om	om	0.2						
Blacksod Point	1002.7	49	SSE	2	omd	1009.5	+3	48	+1	WSW	2	-	or	1	2	51	48	bcp	kmp	om	om	*						
Roche's Point...	1008.4	49	SE	4	o	1012.0	+2	48	-1	ENE	1	-	c	3	1	50	48	omb. om	d. om	o	o	*						
Birr Castle ...	1005.4	50	SE	2	o	1012.0	*	47	-2	SE	1	-	o	*	-	54	45	o	o	o	o	0.0						
Donaghadee ...	1007.3	47	S	3	bcu	1012.7	+2	44	-3	S	1	-	bcu	1	1	49	43	omd	om	bcu	bcu	*						
Liverpool (Bidston)	1010.1	51	SE	4	bc	1014.1	+1	41	-4	SE	3	-	bcu	3	-	55	41	a. bc. om	cm. bc	c. bcu	c. bcu	5.8						
Holyhead ...	1009.0	50	SW	3	bc	1013.3	+1	43	-6	SSE	3	-	b	1	-	56	41	c. bc. c	c. bc	bc. bc	bc. bc	1.2						
Pembroke (St. Ann's Head)	1007.8	47	ESE	3	c	1013.5	+3	45	-2	NE	3	-	b	3	-	50	45	c	c	bc. b	bc. b	3.1						
Scilly (St. Mary's)	1006.1	50	SE	4	c	1011.2	+2	49	0	SE	4	SE	bc	4	-	53	48	cm	cm	b. bc	b. bc	3.4						
Jersey (St. Aubin)	1009.7	52	ESE	4	b	1014.1	+1	48	0	E	3	-	b	3	-	54	47	c. b	b	bc	bc	7.5						
Portland Bill ...	1010.2	48	E	4	bc	1013.5	+5	47	-1	ENE	3	-	bc	5	-	51	46	bc	bc	bc	bc	*						
Dunegness ...	1012.9	48	SSE	3	b	1015.8	+2	45	-1	SSE	3	-	b	2	-	51	43	bc. b	b	b	b	*						
Wick ...	1006.8	45	SSW	3	om	1011.0	+4	40	-3	NNE	4	-	bcu	4	3	46	38	bc. om	omp	omp. bc	omp. bc	*						
Nairn ...	1007.1	49	-	0	cm	1012.0	*	42	-6	-	0	-	odg	1	1	53	41	cqg	cq	cpq. o	cpq. o	0.0						
Leith ...	1009.5	46	SW	1	c	1012.7	+1	45	-1	WSW	1	W	c	1	-	55	42	cm. o. c	cm. o. c	cq. bc. c	cq. bc. c	*						
Tynemouth ...	1012.0	43	SSE	2	bm	1014.6	+1	40	-5	WSW	2	-	f	2	-	48	40	bcu	bcu	bm. f	bm. f	*						
Spurn Head ...	1013.0	44	SE	3	bcu	1015.1	+3	41	-2	SSE	3	-	bcu	2	-	45	35	bcu	bcu	bm	bm	*						
Yarmouth (Gorleston)	1015.5	41	S	1	m	1016.4	+1	40	-2	-	0	-	bmw	1	0.1	47	40	bcu. bm	bm	bcu. bm	bcu. bm	5.4						
Clacton-on-Sea	1014.5	46	ESE	2	b	1016.5	+1	40	-5	ESE	2	-	bm	1	-	50	43	c. bc. bz	bz	bz. m	bz. m	7.6						
Nottingham ...	1012.6	49	SE	2	b	1016.0	*	33	-10	-	0	-	fe	*	-	58	30	c. bc	bm	b	b	5.9						

\* Information for these columns not usually received.

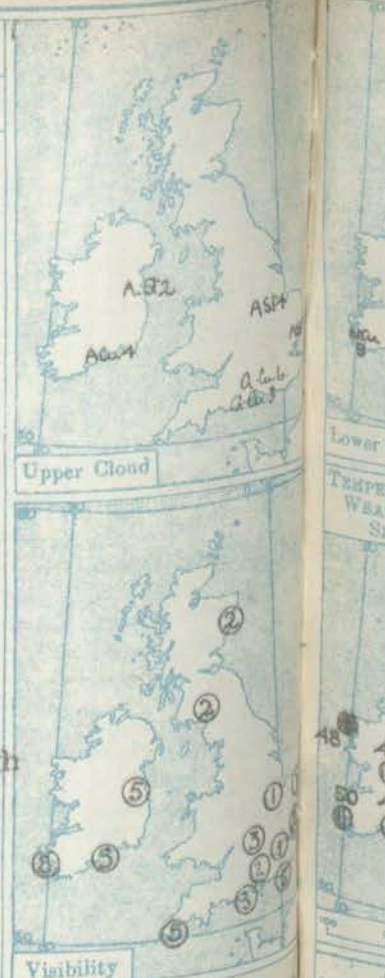
† The barometric change is expressed in half millibars.

§ Longside at 11.



# SUMMARY OF CONDITIONS AT 7 A.M. Wednesday, 18th, February, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	E-SE 0-10	moderate	Fine to cloudy, inland fog	Var.	Smooth
2. E. England	Var. 0-5	"	Variable cloud, mist or fog	Poor	"
3. E. Midlands	Calm	R. Cold	Fair generally wet mist or fog	"	"
4. W. Midlands	SE-S 0-5	"	" " " " fog	"	"
5. S.W. England	NE-SE, 5-15	Mild	Fair or fine	Indiff.	Mod.
6. South Wales	E-SE 5-10	R. Mild	Fine	"	Slight
7. North Wales	SE-S, 5-10	Mod	"	"	Smooth
8. N.W. England	SE-SW 0-10	"	Fine to cloudy, mist or fog	Poor	Slight
9. N. Midlands	Var. 0-2	R. Cold	Fair generally, mist or fog	V. poor	"
10. N.E. England	S-W 2-10	Mod	Fair to cloudy, mist or fog	"	Smooth
11. E. Scotland	S-W 0-5	Mild	Cloudy or dull, local mist or drizzle	Poor	"
12. S.W. Scotland	S-SW 0-5	R. Mild	Cloudy or dull mist or fog	V. poor	"
13. Isle of Man	S, 2-10	"	Fair	Indiff	"
14. N. & N.W. Scotland	Var. 2-15	Mod	Fair to dull, local wet	V. poor	Med
15. Hebrides	NE-E, 20-30	"	Dull, rain and squalls	poor	R. rough
16. Orkneys and Shetlands	N-NE, 10-20	"	Dull, some rain and mist	"	Slight
17. N.W. Ireland	S-SW, 0-5	Mild	Dull, some rain.	Indiff	Smooth
18. N.E. Ireland	SE-S, 0-5	"	Fair to dull, mist, local drizzle	Poor	"
19. S.E. Ireland	NE-SE 0-2	R. Mild	Variable sky	Indiff	"
20. S.W. Ireland	SE-SW 0-2	Mild	Cloudy	Good	Slight



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

A shallow trough of low pressure to the North-west of the British Isles will move slowly south causing drizzle and poor visibility over Scotland and North Ireland. Weather will be fair in the South but a good deal of mist or fog may be anticipated during the next day or two.

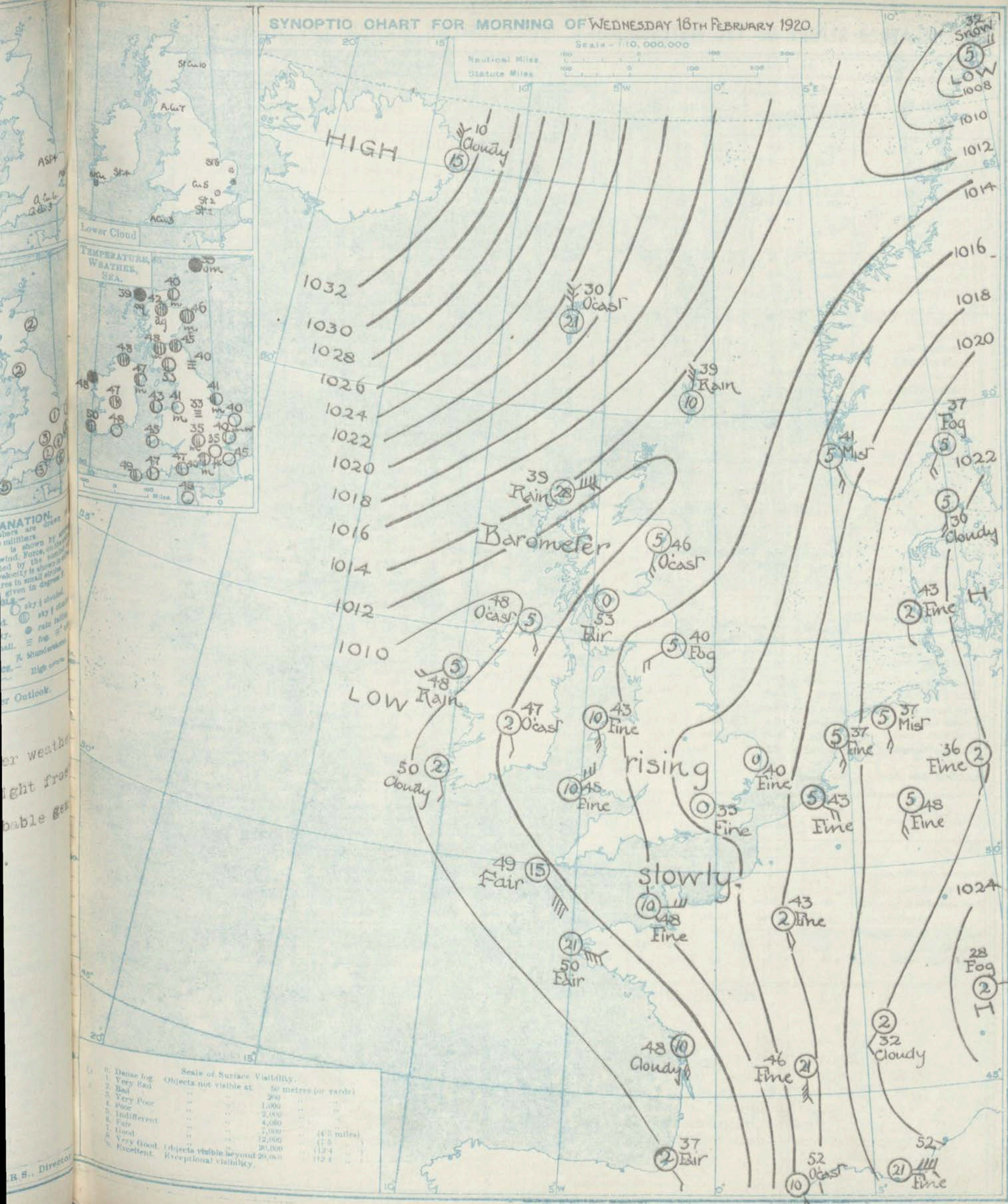
Districts.	Forecasts for the 24 hours commencing 3 p.m. Wednesday, 18th February 1920.
1. S.E. England	Light SE wind; fair generally; some mist or fog early, visibility fair during day, colder.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	Light variable winds, cloudy or overcast, low cloud, some local drizzle; visibility poor, some mist or fog, colder.
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Moderate NE wind; dull, some drizzle; mist locally, visibility poor; rather cold.
12. S.W. Scotland	
13. Isle of Man	Fresh NE wind; cloudy or overcast, low cloud, some rain or snow, visibility fair, rather cold.
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	Light variable winds; fair or cloudy; some mist or fog early, visibility improving during day; colder.
20. S.W. Ireland	

Further Outlook  
 Colder weather with night frost is probable generally.



# SYNOPTIC CHART FOR MORNING OF WEDNESDAY 18TH FEBRUARY 1920.

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





## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 42. B

Wednesday  
18th February 1920

## WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 17th

STATIONS.	WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.	WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h.	Day. 9h-12h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h.	Day. 9h-12h.	Sunrise to Sunset.
Scotland.								England, N.W.							
Oban ... ..	or	do	52	43	1	2	0.0	Douglas (I.O.M.)	c	bc	56	42	1	-	5.7
Banff ... ..	c.be	c.or	50	39	-	1	1.9	Blackpool ... ..	c.be-b	b.be	57	42	0.1	-	5.7
Montrose ... ..	*	*						Southport ... ..							
St. Andrews ... ..															
England, N.E.								Midlands.							
Harrogate ... ..	mo	bc.b.be	52	38	-	-	2.9	Buxton ... ..	*	*	58	43	-	-	7.3
Scarborough ... ..	b	b	53	40	1	-	8.2	Leamington Spa ... ..	*	*	56	43	0.2	-	7.8
Skegness ... ..	o.b	b	49	41	-	-	7.7	Malvern ... ..	b.be	bc.b	57	45	0.2	-	8.0
								Ross-on-Wye ... ..	bc.b	b					
England, E.								Wales.							
Lowestoft ... ..	om.c.b	b	50	41	-	-	6.4	Rhyl ... ..	c.be	bc.e	57	42	-	-	4.2
Felixstowe ... ..	bc.m	bc	49	45	-	-	7.2	Colwyn Bay ... ..	*	*	59	45	-	-	4.4
Southend-on-Sea ... ..	b	b	56	41	-	-	8.8	Llandudno ... ..	-	-	58	46	0.2	-	4.5
								Aberystwyth ... ..	o.b	c.be	59	51	-	-	
England, S.E.								England, S.W.							
Tunbridge Wells ... ..	b	b	57	41	-	-	8.5	Weymouth ... ..	bc	bc.b	55	47	0.2	-	7.1
Margate ... ..	b	b	53	43	-	-	8.5	Teignmouth ... ..	bc.b	b.be	52	47	1	-	9.8
Ramsgate ... ..	b	b	53	43	-	-	8.4	Torquay ... ..	bc.b	b.be	52	46	0.4	-	7.4
Folkestone ... ..	c.be	b	56	44	-	-	8.3	Paignton ... ..	bc	bc	54	48	0.3	-	7.5
Hastings ... ..	b	b	52	44	-	-	9.3	Penzance ... ..	c.be	bc.c	52	48	-	-	3.5
Eastbourne ... ..	b	b	52	42	-	-	8.9	Newquay ... ..	b	b	53	47	-	-	5.0
Brighton ... ..	b	b	54	46	-	-	8.8	Bude ... ..							
Worthing ... ..	b	b	51	45	-	-	9.0	Ilfracombe ... ..	bc	bc	54	43	-	-	5.5
Littlehampton ... ..	b	b	50	45	-	-	8.6	Weston-s-Mare ... ..	by	bc.b	54	47	-	-	6.0
Bournemouth ... ..	*	*	51	46	1	-	4.8	Bath ... ..	b.be-c	c.be.b	56	45	-	-	4.6
Ventnor (I. of W.) ... ..	*	*	52	46	0.3	-	7.3								

## SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	RAINFALL.		Sun. Hours.
	7h-12h.	12h-18h.	18h-7h.	7h-18h.				Day. 7h-18h.	Night. 18h-7h.	
Eskdalemuir ... ..	om.cm	02	02.cm.omp	om.e.fo	53	36	34	trace	0.7	
Valencia (Cahirovee) ... ..	or.do	or.do	or.do	or.do	53	49	47	3	1	0.0
Baldonnell ... ..	c.o	c	bc.c	b.be	53	35	*	*	*	
Anglesey (Llangefni) ... ..										
Falmouth ... ..	bc.om	cm.bm	bw	bw.b	53	46	36	-	-	5.2
Calshot (Hants) ... ..	b.be	b.be	bc.c	bc.c	50	49	42	-	-	7.6
Lympne (Folkestone) ... ..										
Aberdeen ... ..	cm.omp	omr	cmr.omp	bc.c	47	41	34	trace	0.3	0.0
East Fortune ... ..	bc.c	c.oz		bc.c	54	42	*	*	*	
Flamborough Head ... ..	bc.c	b.be								
Felixstowe ... ..	b.be	b.be	b.be	bc.c	50	38	*	*	*	
Cranwell (Lines) ... ..	b.be	b.be	b.be	bc.c	57	29	*	*	*	
Shoeburyness ... ..	bcme.bz	bz	bcme.bz	bcme.bz	54	32	29	-	-	8.5
Benson ... ..	cb	b	bc	bc	57	34	29	-	-	*
London (Kew Obs.) ... ..	bc.m.bm	b	bc	bc	58	35	27	-	-	7.5

## BEAUFORT NOTATION.

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

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

## THE BEAUFORT SCALE OF 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	Less than 0.5
1	1-3	0.5-1.5
2	4-7	1.5-3.0
3	8-12	3.0-4.5
4	13-18	4.5-7.0
5	19-24	7.0-10.0
6	25-31	10.0-13.0
7	32-38	13.0-17.0
8	39-46	17.0-20.0
9	47-54	20.0-24.0
10	55-63	24.0-28.0
11	64-75	28.0-33.0
12	Above 75	33.0 or above

## SYMBOLS—

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

## LONDON. OBSERVATIONS.

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. G. M. T.	9 h. G. M. T.
	24 HOURS ENDED 9H G.M.T. 18 <sup>th</sup>							YESTERDAY	TO-DAY	
Greenwich (Royal Observatory)	b	b	b.bfz	60	36	27	-	8.8	56	9.4
City (Bunhill Row) ... ..	*	*	*	*	*	*	*	6.1	*	*
Westminster (St. James's Park)	b	b.bm	*	61	41	32	-	7.2	52	9.3
" (Admiralty Arch)	bcm	bw	bm.bcf	61	43	*	-	6.0	54	8.3
Camden Sq. (British Rainfall)	bz.b	b	*	59	36	30	-	*	57	100
Kensington Palace ... ..	bz.b	b	*	60	38	29	-	*	73 (88)	98
Hampstead obsv ... ..	o.bc	bc	bf	58	42	35	trace	4.7	*	87

## SOUTH KENSINGTON (Meteorological Office).

	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	
	Total	Average Rate.
	60.4 Joules.	16.7 Milli-watts.
		Maximum Rate. 32

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

18th & 19th February 1920			
Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth ... ..	7.6	12.7	5.8
Greenwich ... ..	7.4	12.7	5.17
Wick ... ..	7.4	12.26	5.11
Valencia ... ..	7.53	12.55	5.57

## NOTES ON THE WEATHER OF YESTERDAY.

Heavy rain occurred in the Hebrides (32 mm at Stornoway) and in the Shetlands (13 mm at Lerwick), and there was also slight precipitation in Scotland and N. Ireland. Weather was generally fine over England, from eight to nine hours' sunshine being enjoyed in the South and East. Temperature reached the exceptional figure of 61° in London but a slight ground frost occurred at night.



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

BRITISH SECTION.

No. 21,273B

THURSDAY, 19<sup>TH</sup> FEBRUARY 1920.

TEMPERATURE.	
Max. ° F.	Min. ° F.
50	43
46	40
39	43
59	41
*	*
61	46
61	46
72	52
65	47
70	59
57	55
49	59
63	52
61	45.

Weather.	Sea
	C-9.

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. 0-10.	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. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.
			Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dir.	Force 0-12.						Form.	Amt. 0-10.			
13H. G.M.T. 18 <sup>TH</sup>														18H. G.M.T. OF 18 <sup>TH</sup>														
Eskdalemuir ...	1014.3	0	SSW	3	bz	51	75	4	-	St. Cu	1	Ci	1	*	1014.4	0	SW	2	bz	44	92	4	-	St. Cu	1	Ci	1	*
Valencia (Cahiro'n)	1013.3	+2	SSW	2	c	51	92	7	2-3000	Cu	6	A-St	2	3	1013.5	0	NW	1	c	50	92	6	1-1500	St.	6	A-St	2	3
Baldonnell ...	1014.6	0	-	0	bc	53	92	5	7-9000	Cu	5	-	-	*	1014.1	+1	-	0	c	50	92	5	1 1/2-2000	St.	3	A-Cu	5	*
13H. G.M.T. OF 19 <sup>TH</sup>														7H. G.M.T. OF 19 <sup>TH</sup>														
Anglesey (Llangefni)	1014.6	+1	SE	3	b	53	75	7	-	-	-	-	-	*	1015.1	+1	ESE	3	cm	43	87	2	-	Cu	4	A-Cu	3	*
Falmouth ...	1016.8	+1	ESE	3	b	48	92	7	-	-	-	-	-	*	1017.2	+1	SE	2	bz	47	92	4	-	-	-	-	-	2
Calshot (Hants) ...																												
Lympe (Folkestone)																												
Aberdeen ...	1013.3	+1	NW	2	oz	45	92	6	-	Nb	10	-	-	2	1015.0	+3	NNW	3	or	40	92	7	-	Nb	10	-	-	2
East Fortune ...	1013.6	-2	WSW	1	c	56	75	4	4-5000	St. Cu	3	Ci	2	*	1013.4	0	WSW	1	o	52	82	4	3-4000	St. Cu	9	-	-	-
Flemborough Hd.	1015.8	0	S	1	bz	48	87	4	-	-	-	A-St	1	*	1015.6	+1	SSW	2	bc	46	92	5	3-4000	St. Cu	2	A-St	3	*
Felixstowe ...	1018.5	-1	SSE	1	b	49	82	5	-	-	-	-	-	2	1018.6	+3	-	0	bw	44	98	5	-	-	-	-	-	1
Cranwell (Lincs)	1017.4	0	ESE	2	bz	56	75	5	-	-	-	-	-	*	1017.2	+1	SSE	2	bcu	46	98	4	4-5000	St. Cu	2	A-Cu	3	*
Shoeburyness ...	1017.8	+2	ESE	1	b	54	75	7	-	-	-	-	-	*	1017.9	0	SSE	1	bz	44	87	6	-	-	-	-	-	2
Benson ...	1016.0	0	SSE	2	b	55	75	5	*	*	*	*	*	*	1016.6	+1	SSE	1	b	46	92	5	-	-	-	-	-	-
London (Kew Obs.)	1017.1	-1	S	2	bcu	54	75	4	-	-	-	A-Cu	4	*	1017.5	+1	SSW	1	bm	53	75	5	4-5000	St. Cu	1	-	-	-
13H. G.M.T. OF 19 <sup>TH</sup>														7H. G.M.T. OF 19 <sup>TH</sup>														
Eskdalemuir ...	1015.4	+1	NE	3	ty	37	98	4	-	Nb	10	-	-	*	1016.6	+1	NNE	4	ostm	32	97	2	8-1000	St	10	-	-	*
Valencia (Cahiro'n)	1014.4	0	WNW	3	o	49	*	*	*	*	*	*	*	*	1013.5	+1	NE	4	ostd	46	87	7	1-1500	St. Cu	10	-	-	*
Baldonnell ...														*														
Anglesey (Llangefni)														*	1016.2	-2	E	1	b	47	92	5	-	-	-	-	-	3
Falmouth ...	1015.7	0	E	3	o	48	92	6	-	Cu	9	-	-	*	1015.2	-1	-	0	om	40	97	3	2-3000	St	5	A-Cu	4	2
Calshot (Hants) ...	1017.6	0	ESE	1	b	45	98	5	-	-	-	-	-	3														
Lympe (Folkestone)																												
Aberdeen ...	1016.6	0	NNE	4	or	34	92	4	1 1/2-2000	Nb	10	-	-	*	1018.3	+1	NW	2	o	34	92	7	-	St. Cu	9	-	-	-
East Fortune ...	1014.6	+2	SSW	2	m	44	98	4	3-4000	St. Cu	2	-	-	-	1017.9	+2	NNE	4	or	36	87	6	1 1/2-2000	Nb	10	-	-	-
Flemborough Hd.															1014.8	0	N	3	om	44	97	4	1-1500	St	10	-	-	-
Felixstowe ...	1016.6	-1	SW	3	m	44	92	5	-	-	-	-	-	*	1017.0	0	-	0	of	37	97	0	1 1/2-2000	St	4	A-St	1	*
Cranwell (Lincs)														*	1015.5	-1	SW	3	bc	40	97	6	2-3000	St	1	Ci	5	*
Shoeburyness ...														*	1016.0	-2	S	1	of ex	34	92	4	3-4000	St. Cu	9	-	-	*
Benson ...														*	1014.3	-1	SSE	1	3	39	97	5	-	St. Cu	9	-	-	*
London ...														*	1015.7	-1	-	0	of w	38	98	1	-	-	-	-	-	9
(M.O. at 1h.)														*														
STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.																												
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		WEATHER.	BAROMETER.		TEMPERATURE.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.							
			Dir.	Force 0-12.		at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.								
18H. G.M.T. of 18 <sup>TH</sup>														7H. G.M.T. of 19 <sup>TH</sup>														
Lerwick ...	1016.2	34	N	3	omrs	1014.3	+3	44	+2	NE	7	-	omg	4	5	42	33	omr	omrs	omg	*							
Stornoway ...	1019.8	35	NE	5	op	1020.2	+2	35	-4	NNW	3	-	o	3	12	34	3	or	op	o	0.0							
Castlebay (Barra Is)	1017.3	37	N	5	opg	1020.3	0	36		NNE	5	-	o	5	12	41	34	rd	d. opg	opg. co	0.0							
Glasgow ...	1013.7	47	SW	1	omr	1017.4	+1	31	-16	NE	3	-	omg	*	14	50	32	om	omr	omr	0.0							
Main Head ...	1012.9	43	NNW	2	omd	1015.0	0	38	-6	NNE	3	N	of	3	3	49	37	omd	omd	o	0.0							
Blacksod Point	1014.1	45	NNE	3	omd	1016.1	-1	41	-7	NE	3	-	bcfr	4	3	50	39	omd	omd	om bc	*							
Roche's Point...	1014.1	48	SSE	2	o	1013.4	-1	47	-1	N	1	-	o	2	0.4	50	45	o. bc	o. bc	of o	*							
Birr Castle ...	1013.1	51	SE	1	m	1014.5	*	42	-5	SE	1	-	r	*	11	55	42	cj	c	c or	1.0							
Donaghadee ...	1013.3	51	-	0	cm	1014.3	0	44	-3	N	1	-	omr	1	16	54	40	bcu	cm	omr	*							
Liverpool (Bidston)	1014.5	53	SE	2	bc	1012.7	-1	45	-4	SSE	1	-	bcu	1	-	56	41	bc. b	bcu	bcu	6.1							
Holyhead ...	1014.5	50	SW	3	bc	1012.9	-2	47	-4	SW	4	-	cm	2	-	59	41	b	bc. c. b	bc. b	4.5							
Fembroke (St. Ann's Head)	1015.1	48	E	2	bc	1013.6	-2	46	-1	ESE	1	-	c	2	1	52	44	b	b. bc	bc. bc	4.8							
Scilly (St. Mary's)	1014.1	48	ESE	2	bc	1012.4	-2	49	0	SE	2	S	c	4	-	53	48	bc	bc	bc c	4.5							
Jersey (St. Aubin)	1015.6	52	ESE	3	b	1014.9	0	48	0	ESE	2	-	o	2	-	57	47	b	b	b. w. o	9.2							
Portland Bill ...	1015.4	48	ENE	3	bc	1015.0	0	48	+1	ENE	2	-	bc	3	0.4	51	45	bc	bc	bc w	*							
Dungeness ...	1017.4	47	S	2	b	1016.2	-1	46	0	S	2	SW	b	2	-	52	43	b	b	b. b	*							
Wick ...	1017.0	36	N	5	omdg	1017.1	-1	32	-8	NW	2	-	bcu	3	6	38	36	omdg	omdg	omd cq	*							
Nairn ...	1017.3	36	NNE	4	r	1019.4	*	30	-12	-	0	-	bc	1	11	42	30	dgo	d. p. rg	q. d. sh	0.0							
Leith ...	1012.8	49	SW	1	m	1016.3	0	35	-18	E	3	-	r	3	22	54	38	com c	cq om	m. m. r	*							
Tyemouth ...	1013.5	53	WSW	1	bcf	1015.2	0	39	-1	NNW	4	-	trw	5	1	55	58	f	f	omr q	*							
Spurn Head ...	1015.7	44	SSE	3	bm	1014.3	-2	44	-3	SE	2	-	bm	2	-	48	37	bm	bm	bm	*							
Yarmouth ...	1017.6	44	S	1	m	1016.6	-1	40	0	SSW	1	S	c	4	-	58	38	bm. b. z	b. z	b. z. w	9.0							
Clacton-on-Sea	1017.5	48	S	1	bc	1016.0	0	44	-4	S	2	W	bcz w	1	-	51	43	bm	bm. bc	bcz w	8.6							
Nottingham ...	1016.3	51	SSW	1	c	1014.5	*	36	+3	SW	1	-	f	*	-	60	32	f. bm	b. bcu	bc b	3.9							

\* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

§ Longside a. 10.



# SUMMARY OF CONDITIONS AT 7 A.M. Thursday, 19th February, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SSE-S.O-5.	R.mild.	Fair to dull, local fog or V.poor	Smooth.	
2. E. England	S-SSW, 0-10.	Mod.	Fair to dull, local haze or fog.	Poor.	"
3. E. Midlands	SE-SW. 0-5.	"	Dull, some fog.	"	"
4. W. Midlands	SE-SW. 0-5.	"	Fair to dull, local mist or fog.	"	"
5. S.W. England	NE-SE. 0-5.	R.mild.	Fair to cloudy.	Indiff.	Slight.
6. South Wales	E-SE. 0-5.	"	Cloudy.	"	Smooth.
7. North Wales	SE-SW. 2-10.	"	Fair to cloudy, some mist.	Poor.	"
8. N.W. England	NE-SE. 0-10.	Mod.	Fair to dull, local mist.	"	"
9. N. Midlands	SE-SW. 0-10.	"	Dull, local fog.	Indiff.	"
10. N.E. England	Var. 5-20.	"	Fair to dull, local rain and mist.	Poor.	Smooth.
11. E. Scotland	Var. 0-15.	R.cold.	Fair to dull, rain in South.	Fair.	"
12. S.W. Scotland	NE-E. 10-15.	"	Dull, some snow and local V.poor.	"	"
13. Isle of Man	Indef. 5-15.	Mod.	Fair to dull.	"	"
14. N. & N.W. Scotland	NW-NE. 0-10.	R.cold.	Fair to dull, local mist.	Ord.	Slight.
15. Hebrides	NW-NE. 10.	"	Dull.	Fair.	"
16. Orkneys and Shetlands	NW-NE. 15-35.	Mod.	Cloudy or dull, mist and squalls at Shetlands.	Med.	"
17. N.W. Ireland	NE. 10.	R.cold.	Fair to dull, showery.	Fair.	"
18. N.E. Ireland	N-NE. 2-10.	Mod.	Dull, some rain and mist.	Poor.	Smooth.
19. S.E. Ireland	Var. 2-5.	R.mild.	Dull, some rain.	Indiff.	"
20. S.W. Ireland	N-NE. 2-15.	"	Dull, some rain and drizzle.	Fair.	"

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

The changes in progress are very gradual and indefinite, but it appears probable that the low pressure in the S.W. of the British Isles will move slowly Eastward or South-Eastward and that colder and less fine weather will be experienced over England and continue for several days. N. and N.E. winds, with some rain, sleet, or snow are likely in Ireland and Scotland.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn at intervals of two millibars.  
**WIND.**—Direction is shown by the arrow flying with the wind. Force, on the Beaufort scale, is indicated by the number of feathers. Mean velocity is shown in small circles per hour by figures in small circles.  
**TEMPERATURE.**—Isobars are drawn at intervals of two millibars.  
**WEATHER SYMBOLS.**  
 ☉ clear sky. ☁ sky & clouds. ☂ overcast sky. ☄ rain falling. \* snow. △ hail. ☄ fog. ⚡ thunder. ⚡ thunder.  
**SEA DISTURBANCE.**—Rough. High.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Thursday, 19th February, 1920.
1. S.E. England	Wind between S.E. and N.E., light or moderate. Becoming less fine, some rain probable. Mist locally. Visibility generally poor or indifferent. Temperature falling considerably later. Local frost at night.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	Wind between N.W. and N.E., light or moderate. Variable cloud, some showers of snow, sleet or rain. Colder. Frost at night.
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 between N.E. and N.W., light or moderate. Mainly overcast, some rain, hail locally. Visibility mainly indifferent. Temperature falling.
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

## Further Outlook

Wind mainly between N.E., and N.W., Colder, less fair in England, some rain, sleet or snow in most parts of the Kingdom.





F.R.S., Director



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 50...B

Thurs. day —  
19th February.

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. 12h-1h.	Day. 9h-12h.	Sunrise to Sun-set.			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-1h.	Day. 9h-12h.	Sunrise to Sun-set.		
						mm.	mm.	12h-1h.	9h-12h.							mm.	mm.	12h-1h.	9h-12h.
Scotland.	Oban ...	r	or	49	46	8	8	0.0	England, N.W.	Douglas (I.O.M.)									
	Banff ...	d.	dr	48	38	2	4	0.0		Blackpool ...	c	b.c	58	39	-	-	5.5		
	Montrose ...									Southport ...	b	b.b.c.e	60	42	-	-	5.7		
	St. Andrews ...	o	o	53	37	-	-	0.4											
England, N.E.	Harrogate ...	bm	bm	52	34	-	-	3.2	Midlands.	Buxton ...									
	Scarborough ...	b	o	59	42	-	-	6.7		Leamington Spa...	*	*	62	34	-	-	6.2		
	Skegness ...	b	b	53	35	-	-	8.5		Malvern ...	b.b.c	b.c.b	57	39	-	-	8.1		
										Ross-on-Wye ...	b	b	57	34	-	-	7.5		
England, E.	Lowestoft ...	b	b	52	42	-	-	8.5	Wales.	Rhyl ...	b	b.b.c	63	40	-	-	7.0		
	Felixstowe ...	b.c.m	b.c	50	42	-	-	8.9		Colwyn Bay ...	*	*	59	44	-	-	6.9		
	Southend-on-Sea...	b	b.b.c	59	41	-	-	8.9		Llandudno ...	-	-	61	46	-	-	6.1		
										Aberystwyth ...	b.c.b	b.c.o	62	49	-	-	2.6		
England, S.E.	Tunbridge Wells	b	b	60	39	-	-	7.7	England, S.W.	Weymouth ...	b	b	58	45	-	-	8.9		
	Margate ...	b	b	60	44	-	-	8.8		Teignmouth ...	b	b	52	40	-	-	8.5		
	Ramsgate ...	b	b	56	43	-	-	8.3		Torquay ...	b	b	54	42	0.1	-	8.7		
	Folkestone ...	b	b	57	44	-	-	8.5		Paignton ...	bm	b	54	36	-	-	8.2		
	Hastings ...	b.c.b	b	53	45	-	-	8.3		Penzance ...	b.c.b	b.b.c	56	47	-	-	8.7		
	Eastbourne...	b.c.b	b	52	37	-	-	8.3		Newquay ...	b	b	54	48	-	-	7.6		
	Brighton ...	b	b	53	42	-	-	8.3		Bude ...	b	b	59	45	-	-	5.4		
	Worthing ...	b	b	54	45	-	-	7.7		Ilfracombe ...	b.c.b	b	57	47	-	-	5.8		
	Littlehampton ...	b	b	50	46	-	-	7.6		Weston-s-Mare ...	b.c.b	b	60	37	-	-	7.5		
	Bournemouth ...	*	*	55	38	-	-	8.6		Bath ...	b	b	62	38	-	-	8.4		
	Ventnor (I. of W.)	-	-	54	47	-	-	8.5											

STATIONS.		SUMMARIES FOR PAST 24 HOURS.										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-12h	12h-1h	12h-1h	1h-7h				Day. 7h-12h	Night. 12h-7h				
		7h-12h	12h-1h	12h-1h	1h-7h				Day. 7h-12h	Night. 12h-7h				
Eskdalemuir ...		b.c.m	b.c.z	c.z	c.z	51	32	31	-	12	2.8			
Valencia (Cahireveen) ...		c.o	c.o	c.o	c.o	51	45	43	-	5	0.3			
Baldonnel ...		b.b.z	b.b.z											
Anglesey (Llangofni) ...														
Falmouth ...		b	b.b.c.m	om.o	c.b.c.w	54	46	38	-	-	8.3			
Calshot (Hants) ...		b.b.c.b	b	b	b.c.o.m	49	40	37	-	-	7.0			
Lymington (Folkestone) ...														
Aberdeen ...		om.rg	om.r.or	om.os		49	33	32	2	5	0.0			
East Fortune ...		b.c.z	c.o.z	or	or	58	35	*	*	*	*			
Flamborough Head ...		b.z	b.b.c	b.z.	of.e	50	40	*	*	*	*			
Felixstowe ...		b.z	b.w		of.f	53	35	*	*	*	*			
Cranwell (Lincoln) ...		b	b.b.c.z	b.b.c.b.c	b.b.c.c	59	39	*	*	*	*			
Shoeburyness ...		b.f.x.b	b.b.z	b.b.c.b.c	b.b.c.c	56	31	26	-	-	8.7			
Benson ...		c.b	b	b.o	b.o	54	34	37	-	-	*			
London (Kew Obs.) ...		b.f.x.b.c	b.c.m.b.c	of.w	of.w	59	33	27	-	-	6.0			

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.	

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

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).									
STATIONS.		WEATHER.			Max. Temp. °F.		Min. Temp. °F.		Rain-fall. mm.	Sun-shine to Sunset. Hours.		Humidity %		TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.					
		Morning.	Afternoon.	Night.	Temp. °F.	Temp. °F.	Temp. °F.	Temp. °F.		15h. G.M.T.	9h. G.M.T.								
Greenwich (Royal Observatory)		b.c.z	c	b.o.f.x	62	36	36	-	8.0	3.9	9.1	Vertical Component of Solar Radiation per Square Centimetre during yesterday.						12th 21st 20th February 1920	
City (Bunhill Row)		*	*	*	*	*	*	*	2.8	*	*							Stations.	Sunrise.
Westminster (St. James's Park)		b.c	b	of.m	61	37	28	-	3.8	5.9	8.7	Total Joules.		G.M.T.		G.M.T.		Noon.	Sunset.
(Admiralty Arch)		b.c.b.c.m	bm	b.m.b.f	62	46	*	-	3.7	6.0	8.0	Milliwatts.		G.M.T.		G.M.T.			
Camden Sq. (British Rainfall)		c.m.w.f	b.c.b	*	53	36	30	-	*	6.3	10.0	Average Rate.		G.M.T.		G.M.T.			
Kensington Palace		c.b	b	*	53.6	35.38	38.30	-	*	7.8	9.9	Maximum Rate.		G.M.T.		G.M.T.			
Hampstead Observatory		bm	b	b.c.m	58	40	31	Trace	3.7	*	5.5			G.M.T.		G.M.T.			

## NOTES ON THE WEATHER OF YESTERDAY.

Temperature was again high over England, maxima of about 60° being common. The highest values were 63° at Rhyl and 62° at Leamington Spa, Bath and Aberystwyth. Bright sunshine was very abundant over South and South-East England and the Channel; 9.0 hours at Great Yarmouth and 9.2 hours at Jersey. In Ireland and Scotland the day was nearly sunless. Rain was experienced in the N. and W., the largest amounts being 22 m.m. at Leith, and 15 m.m. at Donaghadee.





## AIR MINISTRY.

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

BRITISH SECTION.

No 2127 B

Friday, 20th February, 1920.

TEMPERATURE.

Max. Min.

°F. °F.

57 43

57 50

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## OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 10, 7H, 12H AND 12H.

STATIONS.	BAROM.	↑	WIND.		Weather	TEMP.	HUMIDITY.	VISIBILITY.	Height	Low Cloud.		Upper Cloud.		Sea	BAROM.	↑	WIND.		Weather	TEMP.	HUMIDITY.	VISIBILITY.	Height	Low Cloud.		Upper Cloud.		Sea	
	at	Change	Dir.	Force		°F.	%	0-10.	of Low	Form.	Amt.	Form.	Amt.		M.S.L.	Change	Dir.	Force		°F.	%	0-10.	of Low	Form.	Amt.	Form.	Amt.		
	M.S.L.	in 3				0-12.	Feet.	0-10.	0-10.	Feet.	0-10.	0-9.	mb.		hours.	0-12.				Feet.	0-10.	0-9.							
13H. G.M.T. 19th															18H. G.M.T. OF 19th														
Eskdalemuir ...	1017.2	0	NE	5	05m	32	97	2	8-1000	St	10	-	-	1018.0	0	NE	4	0	32	87	6	12-2000	St.	10	-	-			
Valencia (Cahiro'n)	1014.6	41	NE	4	0	43	87	5	1-1500	St Cu	10	-	-	1014.3	+1	NE	4	bc	43	75	8	12-2000	Cu	6	-	-			
Baldonnell ...	1015.1	-1	-	0	or	42	97	4	<500	St	10	-	-	1015.7	+1	NNE	3	0	39	92	4	2-1000	St.	10	-	-			
Anglesey (Llangefni)	1012.5	-1	E	1	63	86	75	5	-	-	A Cu	7	-	1011.3	0	ESE	2	bf	36	92	2	-	-	-	-				
Falmouth ...	1014.5	0	S	1	62	55	75	8	3-4000	St Cu	3	ASr	2	1012.7	-1	E	1	bc	47	98	6	2-3000	St Cu	4	A Cu	1			
Calshot (Hants) ...	1014.5	0	S	1	62	55	75	8	3-4000	St Cu	3	ASr	2	1012.7	-1	E	1	bc	47	98	6	2-3000	St Cu	4	A Cu	1			
Lympne (Folkestone)	1014.5	0	S	1	62	55	75	8	3-4000	St Cu	3	ASr	2	1012.7	-1	E	1	bc	47	98	6	2-3000	St Cu	4	A Cu	1			
Aberdeen ...	1019.9	+1	NW	3	C	27	87	7	-	Cu Nb	7	-	-	1020.7	+3	NNE	4	b	37	65	7	-	Cu Nb	2	-	-			
East Fortune ...	1018.4	-1	NNE	4	C	27	75	-	3-4000	St Cu	8	-	-	1018.6	-1	NNE	3	or	38	98	-	12-2000	Nb	10	-	-			
Flamborough Head	1014.8	0	N	3	0	42	97	2	1-1500	St	10	-	-	1014.3	0	NNE	5	or q	37	98	7	1-1500	St.	10	-	-			
Felixstowe	1014.2	-2	SSW	3	bc3	62	75	4	-	-	A Cu	5	1	1012.7	-1	SSE	1	bc	46	92	4	-	-	A St	4	2			
Cranwell (Lincs)	1013.7	-1	NNW	3	of2	48	98	3	2-3000	St.	6	A Cu	3	1013.8	+1	NNE	4	od	42	98	3	2-1000	Nb	10	-	-			
Shoeburyness	1014.6	-3	SSW	1	C	56	75	7	5-7000	St Cu	2	A Cu	5	1013.0	-2	SW	1	CZ	48	82	5	4-8000	St Cu	2	A Cu	5			
Benson ...	1013.0	-3	SSW	2	C	54	82	5	-	-	-	-	-	1012.1	-1	-	0	bi	48	92	5	-	-	-	-				
London (Kew Obs.)	1014.1	-4	SW	4	C	55	75	6	-	-	A Cu	4	-	1012.7	-2	SW	1	bm	52	75	6	-	Fr Cu	1	A Cu	2			
1H. G.M.T. OF 20th															7H. G.M.T. OF 20th														
Eskdalemuir ...	1019.3	0	NNE	5	bc2	32	75	4	-	St	2	-	-	1018.6	-1	NNE	6	bc	31	82	8	12-2000	St Cu	6	-	-			
Valencia (Cahiro'n)	1015.5	+3	NNE	5	bc4	40	-	-	-	-	-	-	-	1014.3	+1	NE	5	0	39	46	7	12-2000	St Cu	10	-	-			
Baldonnell ...	1015.5	+3	NNE	5	bc4	40	-	-	-	-	-	-	-	1014.3	+1	NE	5	0	39	46	7	12-2000	St Cu	10	-	-			
Anglesey (Llangefni)	1011.3	-1	ESE	1	of2	46	92	3	-	-	-	-	-	1010.4	0	N	2	of2	46	92	3	<500	St	9	-	-			
Falmouth ...	1012.2	0	-	0	b	43	92	4	-	-	-	-	-	1010.9	-1	-	0	of2	41	98	3	12-2000	St Cu	10	-	-			
Calshot (Hants) ...	1012.2	0	-	0	b	43	92	4	-	-	-	-	-	1010.9	-1	-	0	of2	41	98	3	12-2000	St Cu	10	-	-			
Lympne (Folkestone)	1012.2	0	-	0	b	43	92	4	-	-	-	-	-	1010.9	-1	-	0	of2	41	98	3	12-2000	St Cu	10	-	-			
Aberdeen ...	1020.7	0	NNW	3	0	87	25	4	-	St Cu	9	-	-	1020.7	0	NNW	3	0	87	25	4	-	St Cu	9	-	-			
East Fortune ...	1018.6	-1	NNE	3	or	38	98	-	12-2000	Nb	10	-	-	1018.6	-1	NNE	3	or	38	98	-	12-2000	Nb	10	-	-			
Flamborough	1014.8	0	NNE	5	0	39	75	6	1-1500	St	10	-	-	1014.8	0	NNE	5	0	39	75	6	1-1500	St	10	-	-			
Felixstowe	1013.7	0	SW	1	b	39	92	6	-	-	-	-	-	1013.5	0	N	3	2 of2	42	98	0	2-500	St	10	-	-			
Cranwell (Lincs)	1015.3	+2	N	3	r	34	98	7	2-1000	Nb	10	-	-	1015.1	0	N	3	OS	25	98	5	2-1000	Nb	10	-	-			
Shoeburyness	1014.6	-3	SSW	1	C	56	75	7	5-7000	St Cu	2	A Cu	5	1013.0	-2	SW	1	CZ	48	82	5	4-8000	St Cu	2	A Cu	5			
Benson ...	1013.0	-3	SSW	2	C	54	82	5	-	-	-	-	-	1012.1	-1	-	0	bi	48	92	5	-	-	-	-				
London ...	1014.1	-4	SW	4	C	55	75	6	-	-	A Cu	4	-	1012.7	-2	SW	1	bm	52	75	6	-	Fr Cu	1	A Cu	2			
10.0 at 11.1																													

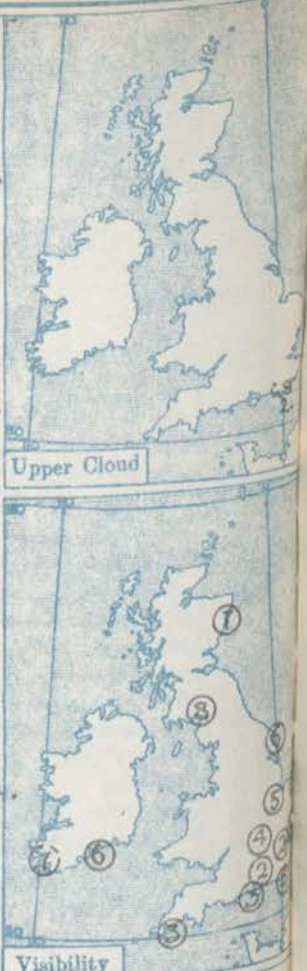
## STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.

STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.	
	at M.S.L.	°F.	Direc	Force 0-12.		at M.S.L.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Direc.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.		
	mb.	°F.				mb.		°F.														
18h. G.M.T. of 19th						7h. G.M.T. of 20th						24 HOURS ENDED 7h. 20th						19th				
Lerwick ...	1024.0	39	N	7	cmq	1024.5	+1	36	-5	H	7	-	bcq	4	Trace	41	34	omq	omq	bcq	4	4.6
Stornoway ...	1024.7	40	E	4	bc	1026.6	+1	34	-1	E	2	-	bc	2	1	44	35	c.op	bc	bc	2	4.6
Castlebay (Barra)	1021.7	41	NE	4	C	1025.3	+1	38	-	ENE	3	-	b	3	Trace	42	35	o.be	bc	c.b	3	8.3
Glasgow ...	1019.4	35	NE	3	0	1021.3	0	34	-2	NNW	2	N	C	2	2	36	31	oms.0	0	cc.6	0	0.0
Malin Head ...	1018.5	37	NE	3	C	1021.1	+1	38	0	NE	2	NE	C	2	1	42	35	od	bc	bc	1	1.4
Blacksod Point	1017.5	41	NE	4	bc	1021.5	+3	39	-1	E	3	E	bc	3	1	43	37	bep	bc	c.bc	1	1.4
Roche's Point...	1013.7	43	NNE	3	odm	1015.8	+1	38	-9	NNE	3	-	b	2	1	48	28	o	odm	o.b	1	1.4
Birr Castle ...	1014.7	40	NE	2	r	1018.2	-	35	-7	N	2	-	C	2	1	48	28	o	odm	o.b	1	1.4
Donaghadee ...	1017.1	39	ENE	3	os	1020.2	+1	39	-2	NE	4	-	bcq	4	2	42	35	omd	omd	om	1	0.0
Liverpool (Bidston)	1012.8	41	ESE	3	r	1016.1	+2	35	-10	KNE	2	-	og	2	20	48	34	c.ort	or	or	0	0.0
Holyhead ...	1012.5	43	E	5	opm	1015.8	+2	38	-9	ENE	6	-	omq	4	15	47	36	cp.orm	orpm	omged	0	0.0
Pembroke (St. Ann's Head)	1011.9	48	-	0	omd	1011.6	+1	44	-2	N	2	-	0	2	10	49	43	c.comp	om	odoro	0	0.0
Silly (St. Mary's)	1010.0	48	SE	1	C	1011.7	0	44	-3	NE	3	-	m	3	-	45	46	c.be	bc.e	com	4	4.3
Jersey (St. Aubin)	1010.9	53	ESE	2	b	1009.4	0	42	-6	W	1	-	o	1	-	54	41	ob	b	bw.0	9	9.3
Portland Bill ...	1012.0	49	ENE	2	bc	1010.2	-2	48	0	ENE	3	-	omv	3	-	52	46	bc	b	bc om	1	1.4
Dunghness ...	1013.6	47	SSE	1	b	1010.8	-1	44	-1	SSW	1	-	b	1	-	51	39	b.	bc.b	bc.b	1	1.4
Wick ...	1022.3	36	NE	5	omq	1022.9	0	36	+4	NNE	5	-	omq	5	4	41	30	bcmq	omq	omq	1	1.4
Nairn ...	1022.6	36	ENE	3	C	1023.5	0	34	+4	NNE	2	-	cg	2	2	38	28	p.be.e	cg	cg	1	1.0
Leith ...	1018.3	29	NE	4	0	1019.3	0	27	-2	NE	4	-	0	3	2	40	32	rs.ra	ago	omq.co	1	1.4
Tynemouth ...	1016.4	37	NNE	5	rm	1016.5	0	39	0	NNE	4	-	0	4	10	29	34	omq	omrs	omq	1	1.4
Spurn Head ...	1011.0	43	NNE	4	or	1014.1	0	39	-5	NE	5	-	or	4	15	47	26	bcm	or	or	1	1.4
Yarmouth (Gorleston)	1012.8	45	SSW	1	C	1012.6	0	41	+1	NE	3	-	f	2	0.1	52	59	bcx.e	CZ	bf cf	2	2.5
Clacton-on-Sea	1013.1	49	SSE	1	C	1011.6	0	41	-3	NW	3	-	fo	2	-	52	41	bcz	bcz	c.bz	4	4.5
Nottingham ...	1013.8	41	NNE	2	or	1014.7	0	34	-2	NNE	3	-	S	2	25	48	83	om	omr	rs	0	0.0



# SUMMARY OF CONDITIONS AT 7 A.M. Friday, 20th February, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Var. 0-5.	R. mild.	Mainly cloudy or dull, local mist or fog.	V. poor.	Smooth.
2. E. England	NW-NE. 10.	Mod.	Dull, some fog, local snow.	"	"
3. E. Midlands	N-NE. 10.	"	Dull, local mist or snow.	Poor.	"
4. W. Midlands	NE. 10.	R. cold.	Dull.	"	"
5. S.W. England	N-E. 2-10.	R. mild.	Dull, mist or fog.	V. poor.	Slight.
6. South Wales	N-NE. 5.	Mod.	Dull.	Ord.	Smooth.
7. North Wales	ENE. 10-20.	R. cold.	Dull, gloomy, local mist.	Poor.	Mod.
8. N.W. England	NE. 5-15.	"	Cloudy or dull.	Fair.	Slight.
9. N. Midlands	NNE. 15-20.	"	Cloudy or dull, local snow.	Ord.	"
10. N.E. England	NNE. 15-20.	Mod.	Overcast with local rain.	Fair.	Mod.
11. E. Scotland	NW-NE. 5-15.	R. cold.	Cloudy or dull.	Good.	Slight.
12. S.W. Scotland	NW-NE. 10-25.	"	Fair or cloudy, snow ly- ing locally.	V. good.	"
13. Isle of Man	NE. 15.	"	Fair.	Good.	Mod.
14. N. & N.W. Scot- land	N-E. 5-20.	"	Fair to dull, some mist.	Var.	"
15. Hebrides	NE-E. 5.	"	Fair or cloudy, mist in North.	Poor.	Smooth.
16. Orkneys and Shetlands	N-NE. 30-35.	"	Fair to cloudy, squally.	Ord.	Mod.
17. N.W. Ireland	NE-E. 5-10.	"	Fair or cloudy.	Fair.	Slight.
18. N.E. Ireland	NE. 5-15.	"	Fair or cloudy, local squalls.	"	"
19. S.E. Ireland	N-NE. 5-15.	"	Fair to dull.	"	"
20. S.W. Ireland	NE. 10-20.	"	Variable sky.	"	Smooth.



GENERAL INFERENCE from observations received up to 9 A.M.

The general North-Easterly wind current will maintain rather low temperature, and some snow is probable over the Southern half of England and Wales. Temperature will be below normal for the next day or two, except in the North of Scotland, where a change of wind to South-West will probably occur by Saturday evening.

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

Districts.	Forecasts for the 24 hours commencing 3 p.m. Friday, 20th February, 1920.	Further Outlook.
1. S.E. England		
2. E. England	Moderate or fresh N.E. wind; dull; some rain; snow or sleet at times; visibility poor, local mist; rather cold.	
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales		
7. North Wales		
8. N.W. England	Moderate or fresh N.E. wind, sky half to wholly covered with low cloud; some sleet showers; visibility fair to good; rather cold.	
9. N. Midlands		
10. N.E. England		
11. E. Scotland	Moderate E. - N.E. wind; mainly fair; visibility good; rather cold.	
12. S.W. Scotland		
13. Isle of Man		
14. N. & N.W. Scot- land	Light variable winds; fair generally; visibility good; rather cold.	
15. Hebrides		
16. Orkneys and Shetlands	Fresh N. - N.E. wind moderating later; fair generally; visibility good; rather cold.	
17. N.W. Ireland		
18. N.E. Ireland	Moderate N.E. - E. wind, mainly fair, but some local showers of rain or sleet, visibility fair to good; rather cold.	
19. S.E. Ireland		
20. S.W. Ireland		

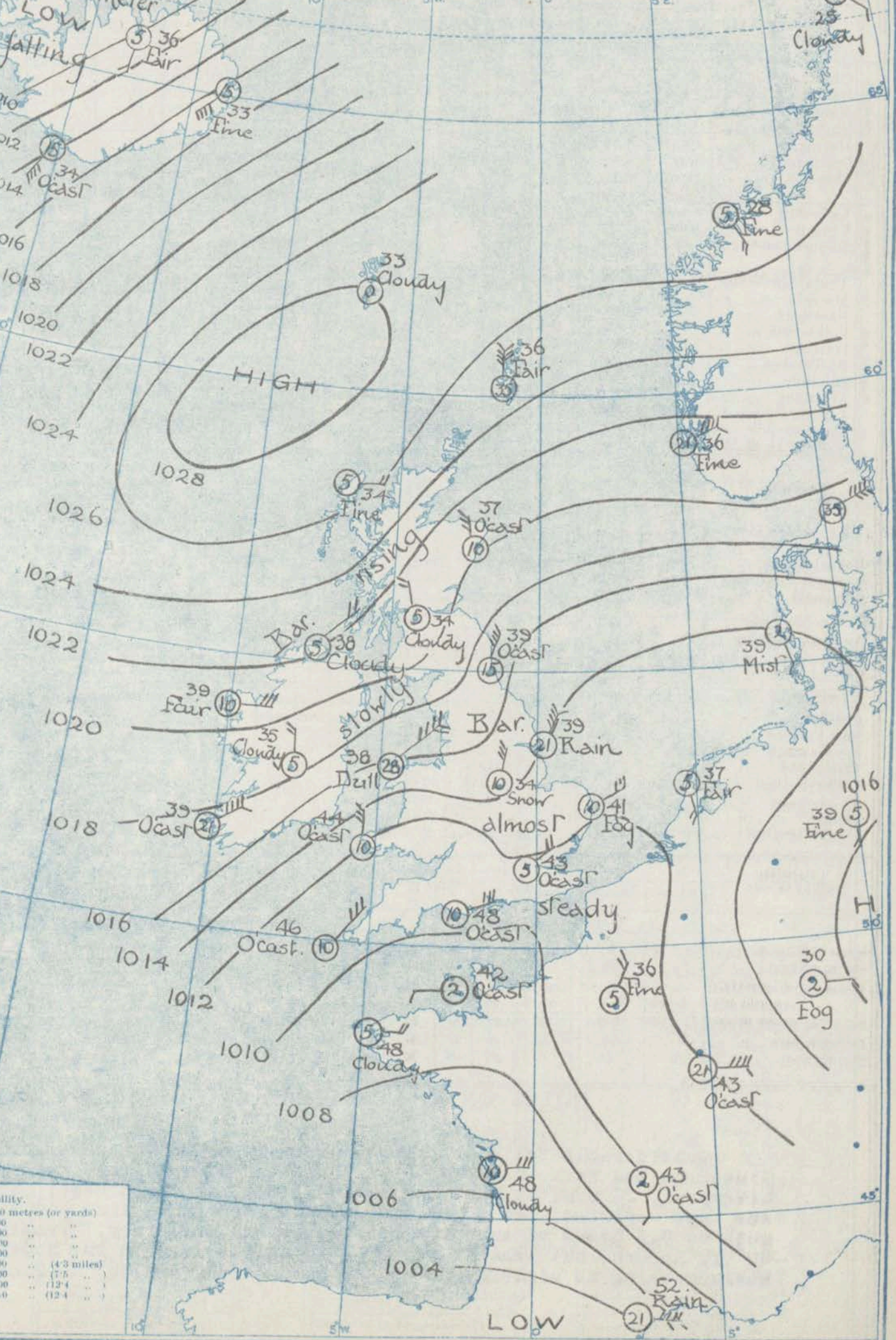
Becoming milder shortly in North of Scotland; North-Easterly winds and rather cold weather continuing in other districts beyond to-morrow.



Scale = 1:10,000,000

Nautical Miles

Statute Miles



ANATION.  
 sobars are drawn  
 two millibars.  
 n is shown by  
 wind. Force, on the  
 ated by the num  
 velocity is shown  
 cures in small  
 is given in degrees  
 EGLE.

☉ sky + cloud  
 ☉ sky + cloud  
 ☉ rain fall  
 ☉ fog  
 ☉ thunder

ANCE.— High

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



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 51...B

Friday  
20th Feb 1920

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 19th																	
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-2h.	Day. 9h-12h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-2h.	Day. 9h-12h.	Sunrise to Sunset.
Scotland.	Oban ... ..	bc.b	bc	40	33	7	-	7.1	England, N.W.	Douglas (I.O.M.)							
	Banff ... ..	cp.	q.bc	41	35	5	1	1.1		Blackpool ... ..	P	r	46	39	1	9	0.0
	Montrose ... ..									Southport ... ..	or	r	47	37	0.2	14	0.0
	St. Andrews ... ..	*	*														
England, N.E.	Harrogate ... ..	om.or	os	38	32	-	7	0.0	Midlands.	Buxton ... ..							
	Scarborough ... ..	om	or	53	37	-	4	0.0		Leamington Spa... ..	febc.c	c.bo	55	32	-	-	1.2
	Skegness ... ..	bm	c.od	53	38	0.1	1	3.8		Malvern ... ..	o.c	c.o	56	40	-	-	1.4
										Ross-on-Wye ... ..	c.om	om.bc	58	36	-	-	1.4
England, E.	Lowestoft ... ..	c.bem	bc.em	51	41	-	-	2.3	Wales.	Rhyl ... ..	or	or	47	43	0.3	16	0.0
	Felixstowe ... ..	bem	cm	50	41	-	-	6.0		Colwyn Bay ... ..	*	*	50	43	-	11	0.0
	Southend-on-Sea... ..	bc	bc	56	41	-	-	3.6		Llandudno ... ..	r	r	51	44	0.1	12	0.0
										Aberystwyth ... ..	r.o.c	c.or	52	45	1	2	0.0
England, S.E.	Tunbridge Wells	b.bc	bc.b	59	40	-	-	4.7	England, S.W.	Weymouth ... ..	bc	bc	58	45	0.4	-	4.8
	Margate ... ..	b	b.bc	60	45	-	-	5.8		Teignmouth ... ..	b.bem	bc.b	53	47	1	-	2.5
	Ramsgate ... ..	bc	bc	58	44	-	-	6.2		Torquay ... ..	bc.c	b.bc	55	46	0.3	-	3.2
	Folkestone ... ..	b	b.bc	57	44	-	-	7.5		Paignton ... ..	c.bc	bc.bm	56	42	0.2	-	2.9
	Hastings ... ..	b	bc.b	55	45	-	-	7.7		Penzance ... ..	c	bc.b	56	48	-	-	4.6
	Eastbourne ... ..	bc.b	b	55	37	-	-	7.3		Newquay ... ..	b.a.bc	o.bc	54	48	-	-	1.6
	Brighton ... ..	b.bc	bc	53	41	-	-	5.6		Bude ... ..	o	b	55	47	-	-	0.1
	Worthing ... ..	b	bc	57	44	-	-	4.5		Ilfracombe ... ..	bc.c	c.z	56	47	-	-	0.2
	Littlehampton ... ..	bc.o	bc	52	49	-	-	3.8		Weston-s-Mare ... ..	m.c.c	bc.c	57	43	-	-	3.1
	Bournemouth ... ..	*	*	57	38	0.3	-	4.2		Bath ... ..	or.bc.b	b.bc.c.o	58	38	-	1	2.0
	Ventnor (I. of W.)	*	*	55	47	-	-	4.3									

SUMMARIES FOR PAST 24 HOURS.												BEAUFORT NOTATION.			THE BEAUFORT SCALE OF WIND FORCE.		
STATIONS.	WEATHER.					Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	RAINFALL.		Sun. Hours.	Used only for surface observations.					
	7h-12h.19	12h-18h.19	18h-24h.19	24h-7h.20	Day. 7h-12h. mm.				Night. 12h-24h. mm.	No.		Limits of Velocity at about 30 feet above ground.					
												Statute miles per hour.	Metres per second.				
Eskdalemuir ... ..	osm	osm	om	om	om	34	30	26	3	0.1	0.0	b	blue sky (not more than a quarter covered).				
Valencia (Cahirciveen) ...	o.c.o	o.c.bc		co		46	37	35	-	-	0.2	bc	sky partly cloudy (one half covered).				
Baldonnel ... ..	or,	or										c	generally cloudy (three quarters covered).				
Anglesey (Llangefni) ...												d	drizzle, or fine rain.				
Falmouth ... ..	bc.o.bc	cz.bf	ofc	fe	fe	56	45	41	-	Trace	5.3	e	wet air without rain falling.				
Calshot (Hants) ... ..	b.bc	b.bc.bc.c	b.	om	om	57	37					f	fog. g gloom.				
Lympne (Folkestone)												h	hail. i lightning.				
Aberdeen ... ..	bcsp	bc.rsp	bc.rsp	bc.rsp	bc.rsp	41	33	31	0.1	0.3	1.5	m	mist. o overcast sky.				
East Fortune ... ..	os	c.ov										p	passing showers.				
Framborough Head	fa	rf				44	36					q	squalls. r rain.				
Felixstowe	bcz	c.oz	b.bcz	b.bcz	b.bcz	55	40					rs	sleet, i.e., rain and snow together.				
Cranwell (Lincs)	bc.om	rf	r	sts	sts	52	32					s	snow. t thunder.				
Shoeburyness	ofxc	c.cz		ofc	ofc	58	33	30	-	-	3.9	u	ugly, threatening sky.				
Benson ... ..	c	b		cs	cs	58	38	36	-	-		v	unusual visibility.				
London (Kew Obs.)	ofw.efw.bc.bc.bm	bc.bm	bc.bm	bc.bm	bc.bm	58	38	29	-	-	3.7	w	dew. x hoar frost.				
												y	dry air; humidity less than 60 per cent.				
												z	dust haze; the turbid atmosphere of dry weather.				
													Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 2=heavy. Underlining is used to express continuity.				
													SYMBOLS—				
													Aurora	☆	Solar halo	☉	
													Rime	⊞	Lunar halo	☾	
													Glazed frost	☼	Solar corona	☉	
													Glazed roads	☼	Lunar corona	☾	

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM													
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Stations.	Sunrise, G.M.T.	Noon, G.M.T.	Sunset, G.M.T.									
	24 HOURS ENDED 9h G.M.T. 20 <sup>th</sup>								YESTERDAY.	TO-DAY.	20 <sup>th</sup> & 21 <sup>st</sup> February 1920														
Greenwich (Royal Observatory)	o.b, bc	b	of fw	61	40	29	-	*	61	94	Total 552 Joules.	Yarmouth...	Greenwich	Wick	Valencia ...										
City (Bunhill Row) ...	*	*	*	*	*	*	*	1.8	*	*						Average Rate. 15.1 Milliwatts.	{	7.0	12.7	5.21					
Westminster (St. James's Park)	bc	bc	om, m	60	41	32	-	2.9	62	94											Maximum Rate. 37	{	7.1	12.14	5.23
" (Admiralty Arch)	bcf, bc	cm	bm, om	60	42	*	-	2.5	66	96															
Camden Sq. (British Rainfall)	fe, b, bc	b, bc	*	59	41	34	-	*	63	100	Maximum Rate. 37	{	7.32	12.26	5.20										
Kensington Palace ...	b	bc	*	59	41	31	-	*	83 (M)	100						Maximum Rate. 37	{	7.49	12.55	6.1					
Hamstead	bc	bc	b	57	43	30	Trace	*	*	84	Maximum Rate. 37	{	7.49	12.55	6.1										

## NOTES ON THE WEATHER OF YESTERDAY.

Considerable falls of rain occurred in England and Wales, North of a line from the Wash to the Bristol Channel. 30 m.m. were measured at Liverpool, 25 m.m. at Nottingham and 24 m.m. at Spurn Head. Some snow was also reported. In the South, weather continued fine and mild, as much as 9.3 hours of sunshine being recorded at Jersey. Temperature reached 60° in London, but weather was considerably colder in the North, the maximum being no higher than 34° at Eskdalemuir and 36° at Glasgow.





## AIR MINISTRY.

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

BRITISH SECTION.

No 2,275B

Saturday, 21<sup>st</sup> February... 1920.

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

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. 0-10.	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. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea	
			Dir.	Force						Form.	Amt.	Form.	Amt.				Dir.	Force						Form.	Amt.	Form.	Amt.		Form.
13H. G.M.T. OF 20 <sup>th</sup>														19H. G.M.T. OF 20 <sup>th</sup>															
Eskdalemuir ...	1019.5	+1	NNE	6	C	35	75	8	1½-2000	St Cu	7	-	-	*	1022.0	+4	NNE	3	C	35	75	7	1½-2000	St Cu	7	-	-	*	
Valencia (Cahire'n)	1021.9	+4	NNE	5	b	41	75	8	2-3000	Cu	3	-	-	4	1025.2	+6	NE	5	bcl	40	65	9	3-4000	Cu	5	Cu	1	4	
Baldonnell ...	1020.8	0	N	4	C	39	92	6	1½-2000	St Cu	8	-	-	*	1022.6	+4	NNW	4	C	39	92	6	1½-2000	St Cu	5	A-St	3	*	
Anglesey (Llangefni)	1011.9	+1	NNW	2	cm	44	92	4	-	St	8	-	-	*	1015.4	+6	N	4	cm	40	82	3	-	Cu	4	A-St	3	*	
Falmouth ...	1012.2	+1	N	3	om	42	98	5	<500	St	10	-	-	2	1014.2	+5	NNE	3	0	39	92	6	½-1000	St	10	-	-	2	
Calshot (Hants)	1012.2	+1	N	3	om	42	98	5	<500	St	10	-	-	2	1014.2	+5	NNE	3	0	39	92	6	½-1000	St	10	-	-	2	
Lymington (Folkestone)	1012.2	+1	N	3	om	42	98	5	<500	St	10	-	-	2	1014.2	+5	NNE	3	0	39	92	6	½-1000	St	10	-	-	2	
Aberdeen ...	1022.0	+1	ENE	3	os	39	87	8	-	Cu Nb	10	-	-	4	1023.5	+2	N	2	ors	36	92	7	-	Cu Nb	10	-	-	4	
East Fortune ...	1020.6	0	NNE	3	C	37	98	7	1½-2000	St Cu	7	-	-	*	1022.8	+4	NNE	2	C	37	87	7	1½-2000	St Cu	8	-	-	*	
Flamboro ...	1015.2	0	NNE	3	0	37	82	9	St Cu	9	?	?	?	*	1016.0	+2	NNE	5	0	38	92	9	1½-2000	St Cu	9	A-St	1	½	
Felixstowe ...	1011.9	-1	N	3	0	44	98	2	½-1000	St	10	-	-	1	1013.4	+2	NNW	3	of	41	98	3	½-1000	St	10	-	-	3	
Cranwell (Lines)	1015.5	0	N	4	os	33	98	2	½-1000	Nb	10	-	-	*	1016.3	+2	N	3	0	35	98	4	1-1500	St	10	-	-	*	
Shoeburyness ...	1012.4	+1	NE	1	of	44	92	3	½-1000	St	10	-	-	*	1012.2	+2	NE	2	of	41	87	3	½-1000	St	10	-	-	*	
Benson ...	1012.8	+2	NNE	3	r	37	87	4	-	-	-	-	-	*	1015.5	+1	NNE	2	or	34	92	3	-	Nb	10	-	-	*	
London (Kew Ob.)	1012.5	+1	NE	3	om	40	98	4	-	St	10	-	-	*	1014.3	+3	NNE	4	orm	36	92	4	2-3000	Nb	10	-	-	*	
1H. G.M.T. OF 21 <sup>st</sup>														7H. G.M.T. OF 21 <sup>st</sup>															
Eskdalemuir ...	1025.5	+2	N	4	bc	33	87	6	-	St Cu	6	-	-	*	1029.4	+3	N	1	br	28	95	8	-	-	-	-	-	-	*
Valencia (Cahire'n)	1030.1	+5	NNE	5	bcm	40	*	*	*	*	*	*	*	*	1032.9	+3	NE	3	C	40	75	8	2-3000	Fr Cu	7	-	-	8	
Baldonnell ...	1030.1	+5	NNE	5	bcm	40	*	*	*	*	*	*	*	*	1030.6	+5	-	0	br	31	75	5	3-4000	Cu	1	-	-	15	
Anglesey (Llangefni)	1020.9	+3	NNE	1	b	37	65	7	-	-	-	-	-	*	1024.5	+4	NNE	5	bc	37	65	6	-	St Cu	5	-	-	10	
Falmouth ...	1020.9	+3	NNE	1	b	37	65	7	-	-	-	-	-	*	1024.5	+4	N	5	0	33	82	6	½-1000	St	10	-	-	3	
Calshot (Hants)	1020.9	+3	NNE	1	b	37	65	7	-	-	-	-	-	*	1024.5	+4	N	5	0	33	82	6	½-1000	St	10	-	-	3	
Lymington (Folkestone)	1020.9	+3	NNE	1	b	37	65	7	-	-	-	-	-	*	1024.5	+4	N	5	0	33	82	6	½-1000	St	10	-	-	3	
Aberdeen ...	1025.7	+2	NNE	3	C	36	87	6	1½-2000	St Cu	7	-	-	*	1026.5	+2	NNW	2	br	31	82	5	-	St Cu	1	-	-	8	
East Fortune ...	1019.1	+3	N	7	bc	37	82	8	2-3000	St Cu	5	-	-	*	1027.3	+2	NNW	1	bc	31	82	8	2-3000	St Cu	1	-	-	10	
Flamboro ...	1019.1	+3	N	7	bc	37	82	8	2-3000	St Cu	5	-	-	*	1027.3	+2	N	4	bc	31	82	8	2-3000	St Cu	1	-	-	10	
Felixstowe ...	1020.0	+3	N	7	bc	37	82	8	2-3000	St Cu	5	-	-	*	1027.3	+2	N	4	bc	31	82	8	2-3000	St Cu	1	-	-	10	
Cranwell (Lines)	1020.0	+3	N	7	bc	37	82	8	2-3000	St Cu	5	-	-	*	1027.3	+2	N	4	bc	31	82	8	2-3000	St Cu	1	-	-	10	
Shoeburyness ...	1020.0	+3	N	7	bc	37	82	8	2-3000	St Cu	5	-	-	*	1027.3	+2	N	4	bc	31	82	8	2-3000	St Cu	1	-	-	10	
Benson ...	1020.0	+3	N	7	bc	37	82	8	2-3000	St Cu	5	-	-	*	1027.3	+2	N	4	bc	31	82	8	2-3000	St Cu	1	-	-	10	
London (Kew Ob.)	1016.2	+2	-	-	-	-	-	-	-	-	-	-	-	*	1021.3	+4	NNW	5	0	36	75	5	-	Cu	10	-	-	10	
(M.O. at 1st)	1016.2	+2	-	-	-	-	-	-	-	-	-	-	-	*	1020.1	+4	N	5	0	37	75	4	2-3000	Fr Cu	2	A-St	8	10	

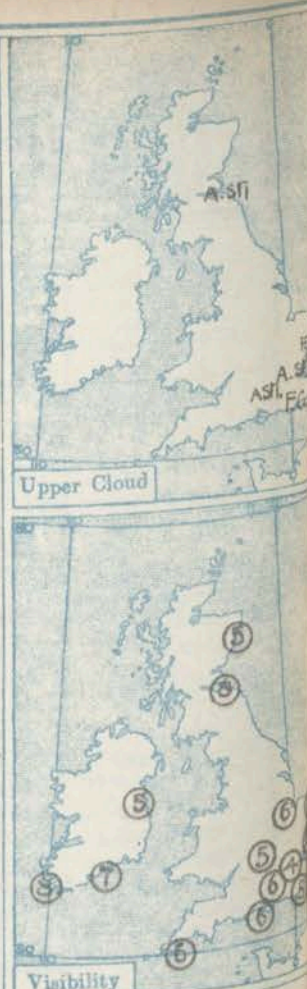
STATIONS CONTRIBUTING REPORTS AT 7H. AND 19H.

STATIONS.	BAROM. at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.	TEMPERATURE.		WIND.		Dir. of Upper Cloud.	Weather.	Sea	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.	
	mb.	°F.	Dir.	Force 0-12.		at M.S.L.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.					Force 0-12.	Max. °F.	Min. °F.	Morning.	Afternoon.		Night.
	18H. G.M.T. of 20 <sup>th</sup>					7H. G.M.T. of 21 <sup>st</sup>									24 HOURS ENDED 7H. 21 <sup>st</sup>						20 <sup>th</sup>
Lerwick ...	1024.3	40	N	3	bc	1020.7	-2	38	+1	SW	2	-	0	2	-	40	33	bc	bc	bc	*
Stornoway ...	1027.2	34	NE	2	bc	1026.1	+1	37	+3	WNW	2	-	0	2	3	41	34	bc	bc	bc	6.5
Castletay (Barra Is)	1027.0	39	N	3	bc	1028.3	0	42	-	NW	1	-	0	2	2	44	36	bc	bc	bc	5.0
Glasgow ...	1023.5	37	NNE	2	c	1029.2	+3	31	-3	W	2	-	0	2	-	41	30	bc	bc	bc	4.9
Malin Head ...	1024.6	40	NE	3	bc	1029.7	+1	42	+4	WNW	2	W	0	2	-	42	37	bc	bc	bc	7.7
Blacksod Point	1026.5	42	NE	2	bc	1031.9	+3	41	+2	NNW	3	-	0	2	1	43	34	bc	bc	bc	*
Roche's Point...	1022.9	40	NE	4	0	1028.9	+4	36	-2	N	2	-	0	2	0.3	44	34	bc	bc	bc	*
Birr Castle ...	1023.9	37	N	2	c	1031.2	-	30	-5	N	2	-	0	2	-	41	28	bc	bc	bc	5.4
Donaghadee ...	1022.3	41	NNE	4	cq	1029.8	+2	38	-1	NNE	3	-	0	2	-	42	37	bc	bc	bc	*
Liverpool (Bidston)	1018.4	38	NNE	3	bc	1026.9	+3	35	0	N	3	-	0	2	-	40	34	bc	bc	bc	1.3
Holyhead ...	1019.3	40	NE	6	c	1027.6	+2	39	+1	N	5	NE	0	2	Trace	43	36	bc	bc	bc	2.2
Pembroke (St. Ann's Head)	1018.3	39	NE	3	b	1026.5	+4	37	-5	NNW	3	-	0	2	-	43	36	bc	bc	bc	1.4
Scilly (St. Mary's)	1015.5	48	NNE	5	0	1024.3	+3	42	-4	NE	5	NE	0	2	-	48	41	bc	bc	bc	0.0
Jersey (St. Aubin)	1011.1	49	N	2	om	1019.7	+2	42	0	N	4	-	0	2	0.1	52	41	bc	bc	bc	1.2
Portland Bill ...	1012.5	41	NNE	4	op	1021.0	+5	37	-1	N	5	-	0	2	-	47	35	bc	bc	bc	*
Dungeness ...	1011.6	44	NNE	3	0	1018.8	+2	39	-5	N	4	N	0	2	3	51	35	bc	bc	bc	*
Wick ...	1024.3	35	N	2	bc	1023.6	0	35	-1	W	2	-	0	2	4	38	28	bc	bc	bc	*
Nairn ...	1025.1	36	NE	2	0	1026.5	-	33	-1	-	0	-	0	2	1	39	29	bc	bc	bc	0.2
Leith ...	1022.4	38	NE	2	0	1027.4	+1	31	-6	SW	1	-	0	2	0.2	40	31	bc	bc	bc	*
Tynemouth ...	1019.5	38	NE	5	cq	1025.5	+2	38	-1	N	4	N	0	2	1	42	35	bc	bc	bc	*
Spurn Head ...	1015.3	40	NE	4	op	1020.6	+3	37	0	N	4	-	0	2	4	40	36	bc	bc	bc	0.0
Yarmouth (Dor. Teston)	1013.2	41	NE	5	m	1016.9	+3	38	-3	NE	4	-	0	2	5	42	37	bc	bc	bc	0.0
Clacton-on-Sea	1012.3	41	NNW	3	m	1014.2	+3	39	-2	NNW	4	-	0	2	8	44	34	bc	bc	bc	0.0
Nottingham ...	1016.6	37	N	3	od	1023.8	-	35	+1	N	3	N	0	2	6	37	33	bc	bc	bc	0.0



# SUMMARY OF CONDITIONS AT 7 A.M. Saturday, 21st February, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	NW-NE.15-25.	R.cold.	Cloudy or dull, some local mist.	Fair.	Mod.
2. E. England	N-NE.15-35.	Mod.	Dull, local rain & squalls.	Indiff.	R.rough
3. E. Midlands	NW-N.10-20.	R.cold.	Cloudy or dull, some mist.	"	"
4. W. Midlands	N. 10-15.	"	Fine or fair.	Fair.	"
5. S.W. England	N-NE.15-20.	"	Fine to cloudy.	"	Mod.
6. South Wales	NNE. 10-15.	"	Fine or fair.	"	Smooth.
7. North Wales	N.10-20.	"	Fine or fair, local squalls	"	Mod.
8. N.W. England	N. 5-10.	"	Fine.	Good.	Slight.
9. N. Midlands	N. 10-20.	"	Fine or fair.	Ord.	"
10. N.E. England	N. 15-35.	Mod.	Fair or cloudy, squalls locally.	Good.	R.rough
11. E. Scotland	SW-NW.0-5.	Cold.	Fine or fair.	"	Slight.
12. S.W. Scotland	W-N. 2-5.	"	Fine.	Var.	"
13. Isle of Man	NE. 10.	R.cold.	Fine.	Good.	"
14. N.&N.W.Scot-land	W-NW. 5.	"	Fine to cloudy.	Ord.	"
15. Hebrides	WNW. 5.	Mod.	Fair or cloudy.	Fair.	Smooth.
16. Orkneys and Shetlands	WSW-WNW. 5.	"	Cloudy or dull.	"	Slight.
17. N.W. Ireland	WNW-NW.5-10	"	Fair or cloudy.	"	"
18. N.E. Ireland	NW-NE.5-10.	"	Fine or fair.	"	Mod.
19. S.E. Ireland	N. 0-5.	Cold.	Fine or fair.	Ord.	Slight.
20. S.W. Ireland	N-NE.5-10.	R.cold.	Fine to cloudy.	V.good.	"



GENERAL INFERENCE from observations received up to 9 A.M.

The Icelandic depression has again become established and a high pressure system off our Western Coasts is moving Southward. A change of wind to W. or S.W., accompanied by milder weather is therefore probable in the North, but the wind is likely to remain from a Northerly point over the Southern half of England during today and tomorrow.

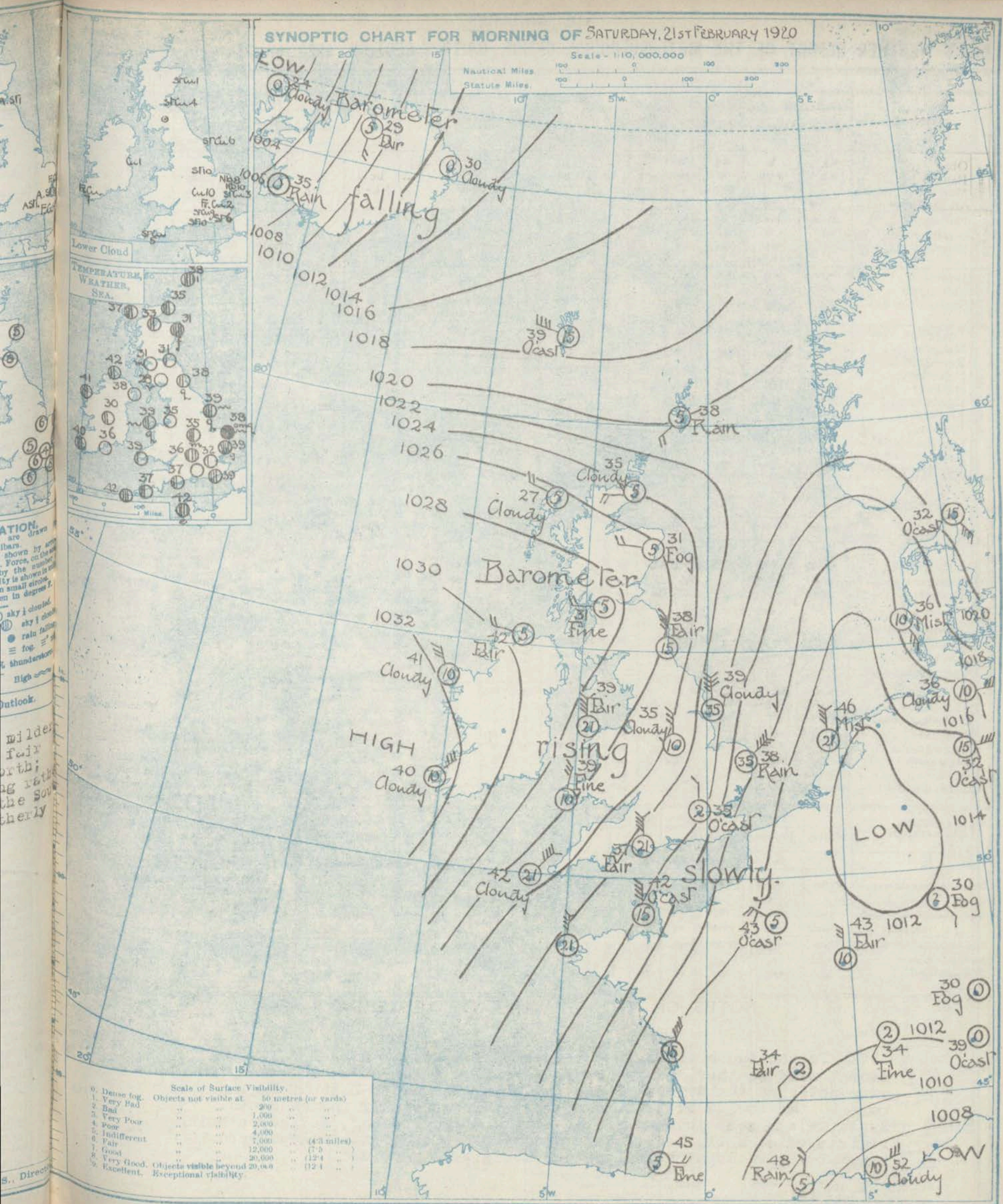
**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn at intervals of two millibars.  
**WIND.**—Direction is shown by arrow flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE** is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

Districts.	Forecasts for the 24 hours commencing 3 p.m. Saturday, 21st February, 1920.	Further Outlook.
1. S.E. England	Wind from near N. fresh; sky half to wholly covered with low cloud; some local rain or sleet; visibility mainly fair to good; rather cold.	Becoming milder and less fair in the North; continuing rather cold in the South with Northerly winds.
2. E. England		
3. E. Midlands		
4. W. Midlands	Wind from near N; moderate or fresh; fair generally; visibility good; rather cold.	
5. S.W. England		
6. South Wales		
7. North Wales	Wind N.W. or W., light or moderate; fair generally; visibility good; milder than of late.	
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. E. Scotland	Wind S.W. or W., light to moderate; fair at first, cloudy or dull later with some showers; visibility fair or good; milder than of late.	
12. S.W. Scotland		
13. Isle of Man		
14. N.&N.W.Scot-land	Moderate S.W. wind, cloudy or dull; some rain;	
15. Hebrides	visibility poor; mild.	
16. Orkneys and Shetlands		
17. N.W. Ireland	As for 11-13.	
18. N.E. Ireland		
19. S.E. Ireland	Wind N.W. light or moderate; mainly fair, but some local showers; visibility good; moderate temperature.	
20. S.W. Ireland		



# SYNOPTIC CHART FOR MORNING OF SATURDAY, 21st FEBRUARY 1920

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





## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 52...B

Saturday  
21<sup>st</sup> February 1920

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 20 <sup>th</sup>																	
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.	WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h. 19 <sup>th</sup> -20 <sup>th</sup>	Day. 9h-12h. 20 <sup>th</sup>	Sunrise to Sunset. 20 <sup>th</sup>		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h. 19 <sup>th</sup> -20 <sup>th</sup>	Day. 9h-12h. 20 <sup>th</sup>	Sunrise to Sunset. 20 <sup>th</sup>	
Scotland.	Oban ...	bc	b	42	32	mm.	mm.	6.6	England, N.W.	Douglas (I.O.M.)	bc.o	o	42	35	8	-	6.0
	Barff ...	o.c	c.op	40	36	0.3	0.1	0.5		Blackpool ...							
	Montrose ...									Southport ...							
	St. Andrews ...	cp	cp	39	35	-	2	1.4									
England, N.E.	Harrogate ...	o.c.bc.c	o.c.o	39	36	8	0.1	0.9	Midlands.	Buxton ...	s	o.c.bc	37	33	7	2	0.0
	Scarborough ...	o	o	41	37	4	1	0.0		Leamington Spa...							
	Skegness ...	or	or	40	37	6	9	0.0		Malvern ...							
										Ross-on-Wye ...							
England, E.	Lowestoft ...	ogm	og	42	40	-	-	0.0	Wales.	Rhyl ...	c.bc	c.bc	41	34	9	-	2.8
	Felixstowe ...	of	of	44	42	-	-	0.0		Colwyn Bay ...							
	Southend-on-Sea...	fe	fe	45	38	-	-	0.0		Llandudno ...							
										Aberystwyth ...							
England, S.E.	Tunbridge Wells	af	af	44	36	-	-	0.0	England, S.W.	Weymouth ...	mo	apo	47	38	-	1	0.0
	Margate ...	ofe	ome	44	39	-	-	0.0		Teignmouth ...							
	Ramsgate ...	b	-	55	37	-	-	0.0		Torquay ...							
	Folkestone ...	bc	bc.o	47	41	-	-	6.9		Paignton ...							
	Hastings ...	b.bc	bef	49	41	-	-	3.1		Penzance ...							
	Eastbourne...	bc.c	c.o	49	36	-	-	4.1		Newquay ...							
	Brighton ...	b.bc.c	oz	49	39	-	-	3.3		Bude ...							
	Worthing ...	b.bc	co	47	38	-	-	2.8		Ilfracombe ...							
	Littlehampton ...	om	om	46	35	-	-	0.0		Weston-s-Mare ...							
	Bournemouth ...	*	*	43	37	-	1	0.0		Bath.							
	Ventnor (I. of W.)	*	*	55	38	-	-	0.6									

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.	
STATIONS.		WEATHER.				Max. Temp. F.		Min. Temp. F.		Rainfall.		Sun.	
		7h-13h 20 <sup>th</sup>	13h-18h 20 <sup>th</sup>	18h-24h 20 <sup>th</sup>	1h-7h 21 <sup>st</sup>	Temp. F.	Temp. F.	Min. on Grass. F.	Hours.	Day. 7h-13h	Night. 13h-24h	Hours.	No.
Eskdalemuir ...		bc.osp	bc.c.osp	c.o.c.bc.c	bc.b.bv	35	26	19	1	1	-	4.1	0
Valencia (Cahirciveen) ...		o.cb	b.btyv	c.c	bc	42	38	34	-	-	-	5.7	1
Baldonnel ...		q.pho	c.o		b.bc	40	28	*	*	*	*	*	2
Anglesey (Llangefni) ...								*	*	*	*	*	3
Falmouth ...		fem.om	om.ocm	c.o.b	b.bc	50	35	28	-	-	-	0.1	4
Calshot (Hants) ...		om.ofs	omr		or	46	35	26	9	10	0.0	0.0	5
Lympne (Folkestone) ...								*	*	*	*	*	6
Aberdeen ...		c.onshp	crsp	osy.bs		41	31	25	3	1	1.5	1.5	7
East Fortune ...		c.op	c.o	bc.c.	no do	40	31	*	*	*	*	*	8
Flamborough Head ...		q.prs	pv	bc.cq	qv	45	34	*	*	*	*	*	9
Felixstowe ...		ef.s.pd	afpd	of	of	44	33	*	*	*	*	*	10
Cranwell (Lincs) ...		S.fz	f.rs	c.or	c.of	36	37	*	*	*	*	*	11
Shoburness ...		fe.ofe	ofe	qf.e	of	50	37	34	-	6	0.0	0.0	12
Benson ...		or	rsr	ts.o		40	38	36	5	1	*	*	
London (Kew Obsy.) ...		omto.fiam	palem.dnd	orm om		43	35	34	0.3	2	0.0	0.0	

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.					
	24 HOURS ENDED 9H G.M.T. 21 <sup>st</sup>								YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.  Total ..... 57 ..... Joules.  Milliwatts.  Average Rate. 1.6  Maximum Rate. 2.0	21 <sup>st</sup> & 22 <sup>nd</sup> February ..... 1920			
										Stations.		Sunrise.	Noon.	Sunset.	
										G.M.T.		G.M.T.	G.M.T.		
Greenwich (Royal Observatory)	ogm	oget	rs	43	35	32	0.2	0.0	93	80		Yarmouth ...	7.0	12.7	5.14
City (Bunhill Row) ... ..	"	"	"	"	"	"	"	0.0	"	"			6.58	12.7	5.16
Westminster (St. James's Park)	om	om	osyo	46	36	34	6.6	0.9	90	79	Greenwich		7.5	12.14	5.23
" (Admiralty Arch)	edfomr	omd	ormom	45	37	"	5.6	0.0	89	81			7.3	12.14	5.25
Camden Sq. (British Rainfall)	omo	o	"	43	35	32	-	"	94	85	Wick ...	7.32	12.26	5.20	
Kensington Palace ... ..	ory	og	oro	43	36	35	0.3	"	91 (84)	81		7.30	12.26	5.22	
Hampstead.	oe	ors	or	48	33	30	?	0.0	"	100	Valencia ...	7.47	12.55	6.3	
												7.45		6.5	

## NOTES ON THE WEATHER OF YESTERDAY.

In the South of England temperature showed a marked fall from the recent mild weather, minima being generally below 40°. Snow fell in many parts of the British Isles including the South-East of England, and rain to the amount of 5-10 m.m. fell very generally in the South. Sunshine was most abundant in N. Scotland and Ireland, 7.7 hours being registered at Malin Head. Some of the S.E. Coast stations enjoyed several hours and at Folkestone 6.9 hours were recorded.





## AIR MINISTRY.

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

BRITISH SECTION.

No 7476.B

Sunday 22<sup>nd</sup> January.....1920.

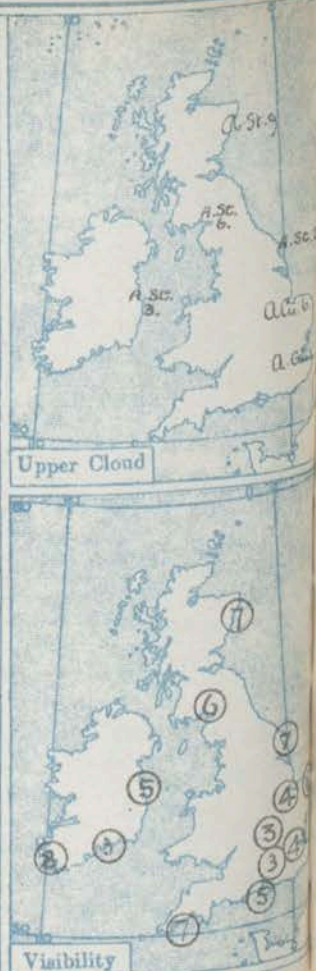
## OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 10, 7h, 13h AND 18h.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 10, 7H, 13H AND 18H.																														
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours	WIND.		Weather	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours	WIND.		Weather	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.		
			Dir.	Force 0-12.						Form.	Am't. 0-10.	Form.	Am't. 0-10.				Dir.	Force 0-12.						Form.	Am't. 0-10.					
13H. G.M.T. 21 <sup>st</sup>															18H. G.M.T. OF 21 <sup>st</sup>															
Eskdalemuir ...	1029.4	+1	WNW	2	b	40	65	8	-	Str	1	-	-	-	1030.6	+2	WNW	4	b	36	82	6	-	-	-	-	Cl. St	1	-	
Valencia (Cahire'n)	1035.6	+2	NNE	3	by	48	65	9	3-4000	Cu	2	A. Cu	1	3	1035.8	+2	NNE	3	bc	46	75	8	3-4000	Str	5	-	-	-	3	
Baldonnell ...	1032.9	+2	N	2	bz	43	92	6	5-7000	Cu	2	Ci	1	-	1033.3	+1	W	2	bc	41	92	6	5-7000	Str	5	-	-	-	-	
Anglesey (Llangefel)	1028.0	+2	N	5	byq	44	55	8	-	Cu	3	-	-	-	1029.9	+4	ENE	4	bz	40	55	5	-	Cu	1	-	-	-	-	
Falmouth ...	1028.0	+2	N	5	byq	44	55	8	-	Cu	3	-	-	-	1026.4	+4	NNE	4	bc	40	440	6	2-3000	Str	6	-	-	-	3	
Calshot (Hants) ...	1028.0	+2	N	5	byq	44	55	8	-	Cu	3	-	-	-	1026.4	+4	NNE	4	bc	40	440	6	2-3000	Str	6	-	-	-	3	
Lympe (Folkestone)	1028.0	+2	N	5	byq	44	55	8	-	Cu	3	-	-	-	1026.4	+4	NNE	4	bc	40	440	6	2-3000	Str	6	-	-	-	3	
Aberdeen ...	1027.1	0	WNW	3	b	45	65	7	-	-	-	-	-	3	1027.3	+2	W	3	b	41	65	6	-	-	-	A. Cu	1	3		
East Fortune ...	1029.1	-1	WNW	3	om	40	75	3	3-4000	Str	3	-	-	-	1029.8	+1	WNW	3	bcz	40	87	4	3-4000	Str	4	-	-	-	-	
Flamboro' Hd ...	1025.4	+4	N	7	orhq	41	75	9	1-1500	Cu Nb	3	A. St	7	-	1028.6	+3	N	5	bq	38	75	9	2-3000	Str	1	A. St	2	-	-	
Felixstowe ...	1021.5	+2	NNE	5	og	39	75	6	1-1500	Str	10	-	-	4	1025.6	+6	NNE	4	og	39	75	6	1-1500	Str	10	-	-	-	3	
Cranwell (Lines)	1026.0	0	NNE	6	c	41	87	8	1-2000	Cu Nb	7	-	-	-	1030.3	+3	NNE	4	b	36	92	8	2-3000	Str	3	-	-	-	-	
Shoeburyness ...	1021.8	+3	NE	7	o	39	75	7	2-3000	Str	10	-	-	-	1025.5	+4	N	6	o	39	75	7	2-3000	Str	10	-	-	-	-	
Benson ...	1024.3	0	N	5	o	40	65	5	-	-	-	-	-	-	1027.3	+4	N	4	c	38	75	6	-	Cu	6	-	-	-	-	
London (Kew Obs.)	1023.1	0	N	5	og	41	65	5	2-3000	Str	9	-	-	-	1026.9	+5	N	4	o	40	65	5	2-3000	Str	9	-	-	-	-	
1H. G.M.T. OF 22 <sup>nd</sup>															7H. G.M.T. OF 22 <sup>nd</sup>															
Eskdalemuir ...	1032.7	0	-	0	b	27	87	6	-	St	2	-	-	-	1032.0	+1	SSW	3	o	35	98	6	1-1500	Nb	4	A. St	6	-	-	
Valencia (Cahire'n)	1036.8	0	-	0	bc	46	87	8	-	-	-	-	-	-	1036.4	+2	-	0	o	44	87	8	-	St	10	-	-	-	3	
Baldonnell ...	1034.6	+1	-	0	b	37	98	4	-	-	-	-	-	-	1035.4	+2	WSW	3	o	39	92	5	2-3000	St	7	A. St	3	-	-	
Anglesey (Llangefel)	1032.3	+1	NNE	3	b	38	75	7	-	-	-	-	-	-	1034.0	+2	-	0	b	32	92	7	-	-	-	-	-	-	-	
Falmouth ...	1030.6	+3	N	4	b	36	92	6	-	-	-	-	-	3	1032.7	+4	N	2	b	33	92	5	-	-	-	-	-	-	4	
Calshot (Hants) ...	1030.6	+3	N	4	b	36	92	6	-	-	-	-	-	3	1032.7	+4	N	2	b	33	92	5	-	-	-	-	-	-	4	
Lympe (Folkestone)	1030.6	+3	N	4	b	36	92	6	-	-	-	-	-	3	1032.7	+4	N	2	b	33	92	5	-	-	-	-	-	-	4	
Aberdeen ...	1030.2	+2	NW	3	b	36	82	7	-	-	-	-	-	-	1024.4	-2	WSW	3	o	47	65	7	-	-	-	A. St	9	2		
East Fortune ...	1030.2	+2	NW	3	b	36	82	7	-	-	-	-	-	-	1031.8	+1	W	3	bcz	35	82	7	3-4000	Str	2	A. St	2	-	-	
Flamboro' Head ...	1030.2	+2	NW	3	b	36	82	7	-	-	-	-	-	-	1031.8	+1	W	3	bcz	35	82	7	3-4000	Str	2	A. St	2	-	-	
Felixstowe ...	1031.2	+1	NW	3	b	32	92	7	-	-	-	-	-	-	1032.9	+2	W	3	c	31	92	4	2-3000	St	2	A. Cu	6	-	-	
Cranwell (Lines)	1031.2	+1	NW	3	b	32	92	7	-	-	-	-	-	-	1031.7	+2	N	1	bcx	32	75	8	5-7000	Str	1	-	-	-	-	
Shoeburyness ...	1031.2	+1	NW	3	b	32	92	7	-	-	-	-	-	-	1032.8	+2	N	2	bcx	27	98	3	-	-	-	-	-	-	-	
Benson ...	1029.7	+3	-	-	-	-	-	-	-	-	-	-	-	-	1032.9	+3	N	2	bcmx	36	82	4	2-3000	Str	4	A. Cu	1	-	-	
London (Kew Obs.)	1029.7	+3	-	-	-	-	-	-	-	-	-	-	-	-	1032.9	+3	N	2	bcmx	36	82	4	2-3000	Str	4	A. Cu	1	-	-	
STATIONS CONTRIBUTING REPORTS AT 7H. AND 13H.																														
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather	BAROMETER at M.S.L. mb.	Change in 3 hours	TEMPERATURE.		WIND.	Dir.	Force 0-12.	Dir.	Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.							
			Dir.	Force 0-12.				Temp. °F.	Change in 24 hours.									Max. °F.	Min. °F.	Morning.	Afternoon.	Night.								
18H. G.M.T. OF 21 <sup>st</sup>															7H. G.M.T. OF 22 <sup>nd</sup>															
Lerwick ...	1019.6	43	WSW	3	omr	1013.4	-4	45	+7	WSW	5	-	omr	4	13	46	38	bc	omr	omr	omr	omr	omr	omr	omr	omr	omr	omr	omr	omr
Stornoway ...	1026.7	46	W	3	o	1022.6	0	47	+10	WSW	5	-	og	4	-	48	?	bc	o	o	o	o	o	o	o	o	o	o	o	o
Castlebay (Barra Is)	1030.0	47	WNW	3	o	1027.0	0	48	?	W	4	-	o	4	0.1	48	42	bc	o	o	o	o	o	o	o	o	o	o	o	o
Glasgow ...	1030.8	42	WSW	2	bz	1030.6	0	42	+11	SW	4	-	o	4	0.2	45	30	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
Malin Head ...	1031.8	45	W	2	bc	1029.5	0	45	+3	WSW	3	W	o	3	1	46	41	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
Blacksod Point ...	1034.0	45	NW	1	bc	1033.4	0	47	+6	NW	1	-	bc	1	0.3	49	37	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
Roche's Point ...	1034.5	46	N	3	b	1036.1	+1	38	+2	N	2	-	c	2	0.2	49	34	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
Birr Castle ...	1033.6	45	NW	1	bc	1035.5	0	36	+6	NW	1	-	o	2	-	48	30	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
Donaghadee ...	1031.3	44	NNW	2	bc	1033.0	0	39	+1	WSW	2	-	o	2	-	49	36	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
Liverpool (Bidston)	1030.9	40	NNW	1	b	1033.5	+2	41	+6	NW	2	-	o	2	-	42	35	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
Holyhead ...	1031.6	43	N	4	bz	1034.2	+1	39	0	-	0	-	bc	0	-	45	37	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
Pembroke (St. Ann's Head)	1031.4	41	NE	4	b	1034.3	0	39	0	-	0	-	bc	0	0.3	45	37	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
Scilly (St. Mary's)	1029.9	43	NNE	4	c	1034.0	+1	41	+2	NE	2	NE	bc	4	4	44	40	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
Jersey (St. Aubin)	1024.9	42	NE	4	o	1030.3	+2	42	0	ENE	4	-	o	3	-	42	40	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
Portland Bill ...	1026.3	40	N	6	c	1031.1	+3	37	0	N	5	N	bc	?	-	43	34	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
Dungeness ...	1022.3	39	NNE	6	cg	1029.4	+2	39	0	NNE	4	N	bc	4	-	50	37	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg
Wick ...	1024.7	42	WSW	2	cm	1020.5	-2	45	+10	WSW	3	-	cm	3	-	45	34	cm												



# SUMMARY OF CONDITIONS AT 7 A.M. Sunday, 22nd February, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Nly 5-15	Mod.	Dull to fair. Mist & frost. Indiff.	Slight	
2. E. England	NE-NW 5-10	"	Fair to cloudy with frost.	Fair	Smooth
3. E. Midlands	N-NW 5-10	R.Cold	Fair & frosty. Misty.	Poor	
4. W. Midlands	Nly 2	"	Fine and frosty.	"	
5. S.W. England	N.Ely 2-5	"	Fair.	Good	Mod.
6. South Wales	Calm	Mod.	Fine.	Fair	Smooth
7. North Wales	N.Wly 2-5	"	Dull to fine. Frosty.	Indiff.	"
8. N.W. England	Wly 5	"	Dull.	"	"
9. N. Midlands	N.Wly 5	"	Dull to cloudy. Misty.	Poor	
10. N.E. England	WNW 5-10	"	Cloudy. Mist & local frost. Indiff.	Smooth	
11. E. Scotland	Wly 10-15	R.Mild	Dull.	Fair	Slight
12. S.W. Scotland	S.Wly 5-15	Mod.	Dull.	"	"
13. Isle of Man	Wly 5	"	Dull.	Indiff.	Smooth
14. N. & N.W. Scotland	WSW 10-20	Mild	Dull. Local mist & squalls. Poor	Mod.	
15. Hebrides	WSW 20	R.Mild	Dull and squally.	Indiff.	"
16. Orkneys and Shetlands	WSW 20	Mild	Dull & misty with rain (& squalls)	Poor	"
17. N.W. Ireland	N.Wly 2	"	Fair.	Indiff.	Smooth
18. N.E. Ireland	WSW 5-10	Mod.	Dull.	"	"
19. S.E. Ireland	Nly 5	R.Cold.	Dull to cloudy.	Poor	"
20. S.W. Ireland	Var 2	Mod.	Dull.	V.Good	"



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

An anticyclone off our S.W. coasts is moving slowly Southward and a Westerly wind current is spreading from the North. Less fair conditions are indicated over the Northern half of these Islands, but fair or fine weather may be anticipated in the Southern districts during the next day or two.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn at intervals of two millibars.  
**WIND.**—Direction is shown by arrow flying with the wind. Force, on the Beaufort scale, is indicated by the number of feathers. Mean velocity is shown in small circles per hour by figures in small circles.  
**TEMPERATURE.**—Isobars are drawn at intervals of two millibars.  
**WEATHER SYMBOLS.**  
 ○ clear sky. ● sky & clouds.  
 ○ sky & clouds. ● sky & clouds.  
 ○ overcast sky. ● rain falling.  
 \* snow. ▲ hail. = fog. =  
 T thunder. K thunder & rain.  
**SEA DISTURBANCE.**—  
 Rough. High.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Sunday, 22nd February, 1920.
1. S.E. England	Light or moderate Northerly winds; fair or fine; some morning mist; visibility good during day; rather cold; night frosts.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	Moderate or fresh Westerly wind; cloudy, probably showers or slight rain; visibility fair; temperature moderate.
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	Fresh or strong S.W. - W. wind; dull, some rain; local mist; visibility poor to fair. Mild.
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	Light Westerly winds; cloudy; visibility good; moderate temperature.
20. S.W. Ireland	

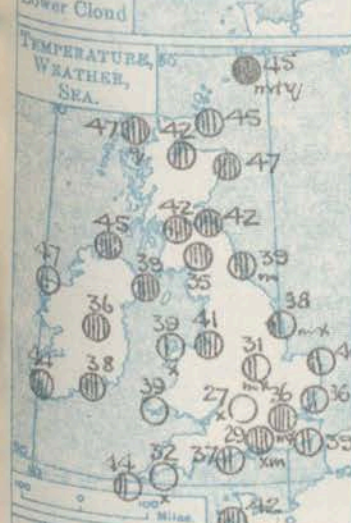
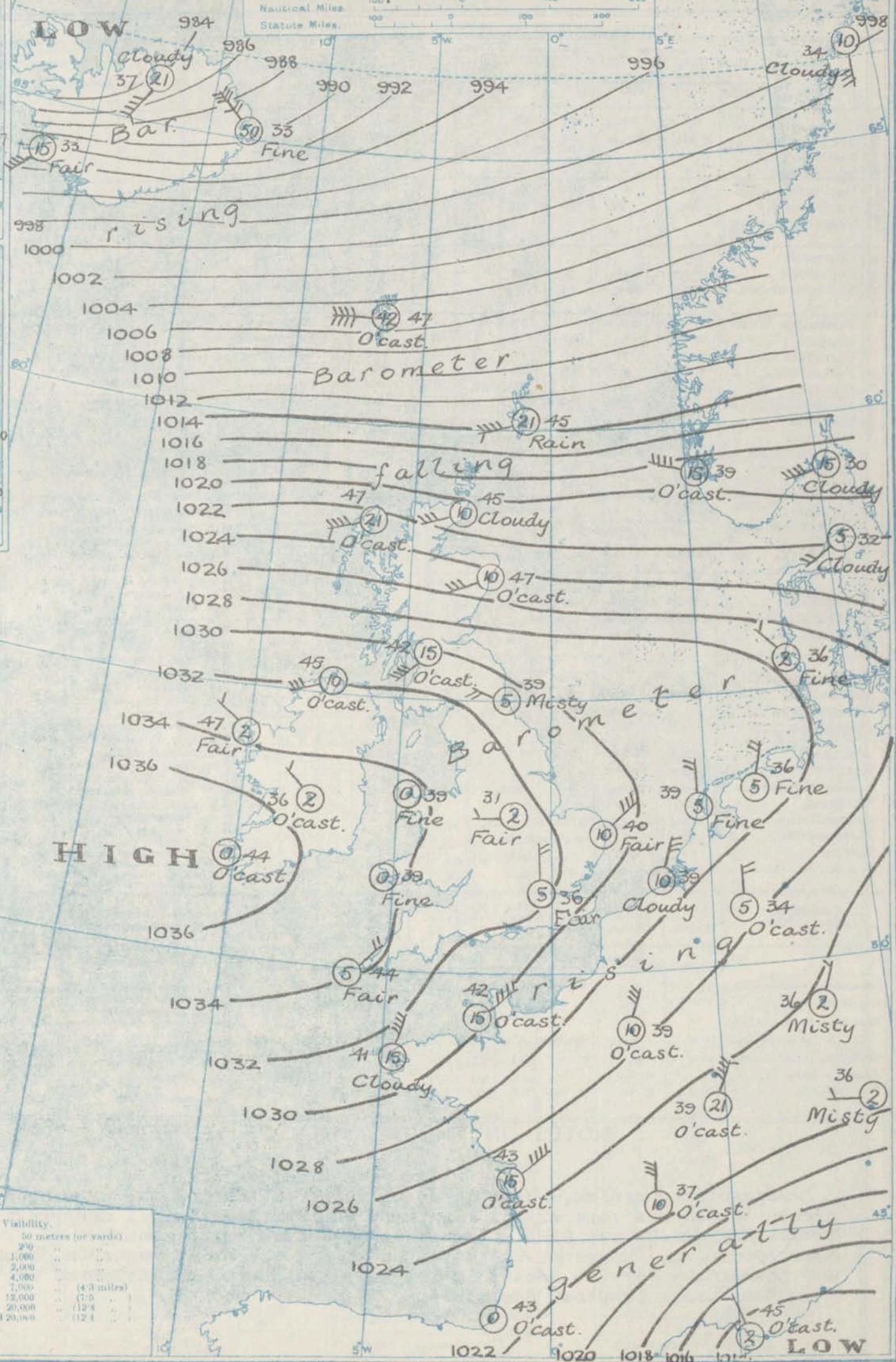
Further Outlook.  
 Mainly fair weather is probable for a day or two in the South of England.



# SYNOPTIC CHART FOR MORNING OF SUNDAY 22ND FEBRUARY 1920

Scale - 1:10,000,000

Nautical Miles  
Statute Miles



Scale of Surface Visibility.

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



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 52... B

Sunday  
22nd February 1920

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 21st

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h.	Day. 9h-12h.			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h.	Day. 9h-12h.	
Scotland.								Douglas (I.O.M.)							
Oban ... ..	b	bc.c	48	28			4.1	Blackpool ... ..							
Banff ... ..	c.bc	bc.b	46	31	2		4.8	Southport ... ..	b	b	42	33			9.1
Montrose ... ..	*	*													
St. Andrews ... ..	*	*													
England, N.E.								Midlands.							
Harrogate ... ..	b.e.b	b	40	32			7.3	Buxton ... ..							
Scarborough ... ..	bc	bc	44	35			6.7	Leamington Spa ... ..	*	*	42	33			2.7
Skegness ... ..								Malvern ... ..	b.bc	bc.b	40	32			7.5
								Ross-on-Wye ... ..	x.c.bc	bc.b	41	33	0.3		7.0
England, E.								Wales.							
Lowestoft ... ..	oggr	oggr	39	35	6	0.3	0.0	Rhyl ... ..							
Felixstowe ... ..	oggr	oggr	40	33	7		0.0	Colwyn Bay ... ..	*	*					
Southend-on-Sea ... ..	oggr	oggr						Llandudno ... ..			44	38	0.1		8.5
								Aberystwyth ... ..	c.b	b.bc	45	39			9.0
England, S.E.								England, S.W.							
Tunbridge Wells ... ..	o	o.e.o	40	33	6		0.0	Weymouth ... ..							
Margate ... ..	or	o	41	39	7	1	0.0	Teignmouth ... ..							
Ramsgate ... ..	r	r	?	35	9	4	0.0	Torquay ... ..	bc.o	b.bc	44	37			6.1
Folkestone ... ..	re	o	39	35	4		0.0	Paignton ... ..	c.bc	bc	44	35			5.0
Hastings ... ..	or.o	oh	41	35	2	0.2	0.0	Penzance ... ..							
Eastbourne ... ..	o	o	42	37	4		0.0	Newquay ... ..							
Brighton ... ..								Bude ... ..							
Worthing ... ..	a.bc	bc	42	35	2		0.0	Ilfracombe ... ..							
Littlehampton ... ..	c.o	c.bcm	43	35	1		0.2	Weston-s-Mare ... ..							
Bournemouth ... ..	*	*	42	35	1		1.4	Bath ... ..	b.bc.o	o.c.bc.b	43	36			4.5
Ventnor (I. of W.) ... ..	*	*	41	36	1		0.0								

## SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	RAINFALL.		Sun. Hours.
	7h-12h.	12h-18h.	18h-24h.	24h-7h.				Day. 7h-12h.	Night. 12h-7h.	
Eskdalemuir ... ..	bv.b	bz.b	b.bx	bx.co	41	26	20			9.2
Valencia (Cahireveen) ... ..	c.bc.bv	bv.c.bc	c.bc.c.o		48	39	40			7.9
Baldonnell ... ..	b.bcz	b.bcz	b.c	bc.c	32	26				*
Anglesey (Llangefni) ... ..	bc.byg	byg.bz	b	bx	45	32	23			7.3
Falmouth ... ..	o.c.o	bv.	b.bc		42	31				*
Calshot (Hants) ... ..										*
Lympne (Folkestone) ... ..										*
Aberdeen ... ..	bcz.b	b.bz	bz.bc.o		47	30	34			5.9
East Fortune ... ..	b.bc.z	bc.cz								*
Flamboro' Head ... ..	pr.hq	b.bcz	b	b.bc	42	33				*
Felixstowe ... ..	pdq	og								*
Cranwell (Lines) ... ..	c.op	b.bc.bz	b.bc.b	c.o.x	42	29				*
Shoburness ... ..	o	o	a.c.bx	bx	40	30	25			0.0
Benson ... ..	o.c	bc	m.c.bx		41	26	16			*
London (Kew Obsy.) ... ..	om.ad.o.g	pdq.og	a.c.bcmx		42	35	29			1.4

## BEAUFORT NOTATION.

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

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

## THE BEAUFORT SCALE OF 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	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.6-3.3
3	8-12	3.4-5.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.5
12	Above 75	33.6 or above

## SYMBOLS—

Aurora ☄ Solar halo ☉  
 Ring ☽ Lunar halo ☾  
 Glazed frost ☁ Solar corona ☼  
 Glazed roads ☀ Lunar corona ☾

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.				
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.		Stations.	Sunrise.	Noon.	Sunset.	
	24 HOURS ENDED 9H G.M.T. ... 22nd.								YESTERDAY.	TO-DAY.						
Greenwich (Royal Observatory)	o	o	bc bx	42	33	29	-	0.4	66	81	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Yarmouth ... {	G.M.T.	G.M.T.	G.M.T.	
City (Bunhill Row) ... ..	*	*	*	*	*	*	*	*	*	*						
Westminster (St. James's Park)	*	*	*	*	*	*	*	*	*	*	Total ..... Joules.	Greenwich {	G.M.T.	G.M.T.	G.M.T.	
.. (Admiralty Arch)	om	cmq	cmq, bx	43	35	*	-	0.8	71	80						
Camden Sq. (British Rainfall)	o.c.	bc	*	42	33	27	-	*	68	83	Average Rate.	Wick ... {	G.M.T.	G.M.T.	G.M.T.	
Kensington Palace ... ..	o	o. bc	*	42	35	27	-	*	74 (18h)	82						
Hampstead ... ..	o.h.s.p.	c. bc	b. bcx	39	32	27	-	1.4	*	84	Maximum Rate.	Valencia ... {	G.M.T.	G.M.T.	G.M.T.	

## NOTES ON THE WEATHER OF YESTERDAY.

Except at Lerwick, where 13 mm of rain fell during the afternoon and evening, precipitation was very slight. Sunshine was abundant in all districts except England E. and S.E., as much as 9.2 hours being recorded at Eskdalemuir, 9.1 hours at Southport and 9.0 hours at Aberystwyth. Temperature was rather low for the season in the East and South, but differed little from the normal in other districts.





## AIR MINISTRY.

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

BRITISH SECTION.

No 2177.B

MONDAY, 23<sup>RD</sup> FEBRUARY, 1920.

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

STATIONS.	BAROM.	‡	WIND.		Weather	TEMP.	HUMIDITY.	VISIBILITY.	Height	Low Cloud.	Upper Cloud.	Sea	BAROM.	‡	WIND.		Weather	TEMP.	HUMIDITY.	VISIBILITY.	Height	Low Cloud.	Upper Cloud.	Sea				
	at	Change	Direc.	Force		°F.	%	0-10.	Feet.	Form.	Amt.	Form.	Amt.	at	Change	Direc.		Force	°F.	%	0-10.	Feet.	Form.	Amt.	Form.	Amt.		
	M.S.L.	in 3 hours.				mb.	hours	mb.	hours	mb.	hours	0-12.	0-10.	0-9.	M.S.L.				hours	0-12.	0-10.	0-9.						
13H. G.M.T. 22 <sup>ND</sup>													18H. G.M.T. OF 22 <sup>ND</sup>															
Eskdalemuir ...	1031.8	0	SW	4	om	41	92	6	1-1500	st.	9	A-st	1	*	1031.3	0	WSW	4	om	44	82	7	1½-2000	st.	10	-	-	*
Valencia (Cahire'n)	1036.3	-1	NNW	2	o	49	75	8	-	st.	10	-	-	2	1035.0	-1	NNW	1	o	48	65	8	-	st.	10	-	-	2
Baldonnell ...	1034.8	0	W	3	c	48	75	6	4-5000	st.	4	A-st	4	*	1034.3	-1	W	1	o	46	87	6	2-3000	st.	8	A-st	1	*
Anglesey (Llangefni)	1033.4	-3	NE	2	byv	50	55	9	-	-	-	-	*	1032.9	0	ENE	1	bx	44	65	4	-	-	-	Ci	1	*	
Falmouth ...	1033.8	+1	NE	3	bz	46	75	6	-	-	-	-	2	1033.0	0	E	1	bef	44	92	3	2-3000	st.	5	-	-	2	
Calshot (Hants) ...	1033.8	+1	NE	3	bz	46	75	6	-	-	-	-	2	1033.0	0	E	1	bef	44	92	3	2-3000	st.	5	-	-	2	
Lympne (Folkestone)	1033.8	+1	NE	3	bz	46	75	6	-	-	-	-	2	1033.0	0	E	1	bef	44	92	3	2-3000	st.	5	-	-	2	
Aberdeen ...	1025.4	0	W	3	o	52	65	7	-	-	-	A-st	9	2	1026.2	+1	WNW	1	oz	45	75	6	-	st.	9	-	-	2
East Fortune ...	1028.8	-2	WNW	5	o	47	92	5	3-4000	st.	9	-	-	*	1028.6	0	WNW	5	c	48	82	6	2-3000	st.	7	-	-	*
Flamborough Hd.	1032.5	0	SSW	1	c	46	75	6	2-3000	cu	3	cu	4	x	1032.4	+1	WSW	1	bc	48	87	6	-	-	-	A-st	4	x
Felixstowe ...	1033.3	0	SSW	3	bz	49	75	5	-	-	-	C-st	4	*	1033.0	0	WNW	4	bf	41	98	4	-	-	-	A-st	2	*
Cranwell (Lines)	1033.3	0	SSW	3	bz	49	75	5	-	-	-	C-st	4	*	1033.0	0	WNW	4	bf	41	98	4	-	-	-	A-st	2	*
Shoeburyness ...	1033.6	+1	NE	1	b	47	75	8	5-7000	cu	1	-	-	*	1033.8	0	-	o	bz	38	87	6	-	-	-	-	-	*
Benson ...	1033.6	0	N	2	b	48	65	5	-	-	-	-	-	*	1033.4	0	N	1	b	38	92	3	-	-	-	-	-	*
London (Kew Obs.)	1033.4	0	NNE	2	bm	47	65	4	-	-	-	-	-	*	1033.5	+1	NE	1	bz	46	75	5	-	-	-	-	-	*
1H. G.M.T. OF 23 <sup>RD</sup>													7H. G.M.T. OF 23 <sup>RD</sup>															
Eskdalemuir ...	1031.1	-2	W	4	bz	42	75	7	-	cu	1	-	-	*	1031.2	0	WSW	3	o	42	75	7	-	st.	10	-	-	*
Valencia (Cahire'n)	1036.1	0	NNE	2	bc	44	x	x	x	x	x	x	x	*	1031.0	-2	ENE	1	b	38	92	8	-	st.	1	-	-	2
Baldonnell ...	1034.3	0	-	o	o	44	92	4	2-3000	st	10	-	-	*	1032.9	0	-	o	o	41	92	5	3-4000	st.	10	-	-	*
Anglesey (Llangefni)	1032.8	-1	ENE	2	b	38	-	-	-	-	-	-	-	*	1030.6	-1	E	4	cem	43	87	4	-	cu	8	-	-	*
Falmouth ...	1032.8	-1	ENE	2	b	38	-	-	-	-	-	-	-	*	1033.0	-1	NE	1	bx	38	92	5	-	-	-	C-st	1	2
Calshot (Hants) ...	1032.8	-1	ENE	2	b	38	-	-	-	-	-	-	-	*	1033.0	-1	NE	1	bx	38	92	5	-	-	-	C-st	1	2
Lympne (Folkestone)	1032.8	-1	ENE	2	b	38	-	-	-	-	-	-	-	*	1033.0	-1	NE	1	bx	38	92	5	-	-	-	C-st	1	2
Aberdeen ...	1032.6	0	NW	1	b	32	92	5	-	-	-	A-st	2	*	1027.7	+1	WSW	2	bz	38	92	5	-	st.	4	-	-	2
East Fortune ...	1032.6	0	NW	1	b	32	92	5	-	-	-	A-st	2	*	1029.3	-2	WSW	3	c	43	92	6	2-3000	st.	2	A-st	6	*
Flamborough Hd.	1032.6	0	NW	1	b	32	92	5	-	-	-	A-st	2	*	1032.6	0	WSW	1	b	31	98	1	-	-	-	A-st	3	x
Felixstowe ...	1033.5	0	W	1	bz	32	98	0	-	-	-	C-st	3	1	1033.5	0	W	1	bz	32	98	0	-	-	-	C-st	3	1
Cranwell (Lines)	1033.3	0	W	2	fz	35	98	3	-	-	-	-	-	*	1033.3	0	WSW	2	fz	33	98	1	-	-	-	-	-	*
Shoeburyness ...	1033.9	-1	-	o	efx	30	82	2	1-1500	st.	7	A-st	1	*	1033.9	-1	-	o	efx	30	82	2	1-1500	st.	7	A-st	1	*
Benson ...	1033.5	+1	N	1	em	30	98	2	-	-	-	-	-	*	1033.5	+1	N	1	em	30	98	2	-	-	-	-	-	*
London (Kew Obs.)	1034.4	0	-	-	-	-	-	-	-	-	-	-	-	*	1034.4	0	-	o	bfx	32	98	0	-	-	-	-	-	*

## STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.

STATIONS.	BAROM. at M.S.L.	TEMP.	WIND.		Weather.	BAROMETRICAL.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea.	Rainfall mm.	TEMP.		WEATHER.		Sun.	
	mb.	°F.	Dir.	Force 0-12.		at M.S.L. P.M.	Change in 8 hours.	Dir.	Force 0-12.	Max. °F.	Min. °F.					Morning.	Afternoon.	Night.	Hours.		
	18h. G.M.T. of 22 <sup>ND</sup>					7h. G.M.T. of 23 <sup>RD</sup>					24 HOURS ENDED 7h. 23 <sup>RD</sup>					22 <sup>ND</sup>					
Lerwick	1015.5	46	SW	6	omxr	1015.9	+1	46	81	WSW	5	-	om	3	6	47	43	omxr	omxr	omxr	*
Stornoway	1024.6	47	WSW	5	oq	1025.3	0	47	0	WSW	5	-	oq	4	-	49	4	oq	oq	oq	0.0
Cable Bay (Barra Is)	1028.6	48	W	4	o	1027.7	0	48	0	SW	4	-	o	4	Trace	49	46	o	o	o	0.0
Glasgow	1029.9	46	W	4	o	1030.1	-1	44	+2	W	2	-	oz	*	0.1	47	41	o	oq	opoz	0.0
Malin Head	1031.5	46	WSW	2	om	1029.8	-1	45	0	SSW	2	SW	om	3	-	47	44	o	om	om	0.0
Blacksod Point	1032.9	48	WNW	1	om	1031.8	-2	45	-2	-	0	-	om	1	-	50	40	cm	om	om-om	*
Roche's Point	1035.3	47	NE	1	o	1032.6	-2	40	+2	E	1	-	b	1	0.2	53	38	f.b	b.b.c	o.b	*
Birr Castle	1034.7	46	W	1	o	1032.3	*	43	+7	W	1	-	o	*	-	50	35	c	c.o	o	1.0
Donaghadee	1032.9	47	W	1	om	1032.3	0	43	+4	WSW	1	-	om	1	-	50	38	om	cm	om	*
Liverpool (Midston)	1033.4	44	WNW	3	o	1032.6	-1	44	+3	WNW	1	-	o	2	-	47	41	bc	c.o	c.o	1.7
Holyhead	1034.1	45	NW	3	c	1032.6	0	44	+5	SE	1	-	ogm	0	-	48	38	b.b.c	c	c.ogm	2.4
Pembroke (St. Ann's Head)	1034.3	48	N	1	bv	1032.7	-2	38	-1	NE	2	-	b	0	-	50	37	b	bc	bc	7.8
Scilly (St. Mary's)	1033.5	44	ENE	2	b	1029.9	-2	44	0	ESE	4	E	c	5	-	50	43	bc	bc.b	b.b.c	9.2
Jersey (St. Aubin)	1031.0	44	NE	1	b	1030.3	0	40	-2	ENE	3	-	b	3	-	47	37	o.b.c	b	bw	6.0
Portland Bill	1032.9	35	ENE	3	bc	1032.2	0	34	-3	E	4	-	bc	4	-	46	34	bc	bc	bc	*
Dungeness	1032.2	43	NE	3	b	1032.6	-1	40	+1	E	2	-	b	2	-	46	38	c	c	c.b	*
Wick	1021.2	47	WNW	3	cg	1023.7	0	47	+2	WSW	2	-	om	2	-	51	44	cmq	cmq	bc.ouq	*
Nairn	1023.5	48	W	4	c	1026.1	*	45	+3	W	1	-	bc	1	-	50	44	cg	cgq	qc.be	0.0
Leith	1027.6	47	W	3	c	1028.6	0	45	+3	W	2	-	c	2	-	49	42	o.c.u	o.c.u	cg.ou.c	*
Tynemouth	1030.2	46	WNW	1	bcu	1031.9	0	40	+1	W	1	-	bf	1	-	49	37	bcu	bcu	bm	*
Spurn Head	1031.8	43	SW	2	bf	1031.5	0	38	0	W	2	-	fx	3	-	47	36	bcu	bcu	bm	*
Yarmouth (Dor. East-on)	1032.7	41	ENE	2	bc	1032.9	0	36	-4	W	2	-	bcu	2	-	49	35	bc.bx	bcu	bcu	8.7
Clacton-on-Sea	1033.2	42	ENE	1	bc	1033.1	0	38	+2	NNE	1	-	bcu	0	-	47	35	bc	bcz	bcu	9.1
Nottingham	1033.3	44	W	1	bm	1033.0	*	33	+2	W	1	-	f	*	-	49	30	bc.bu	bu	c.b	7.5



# SUMMARY OF CONDITIONS AT 7 A.M. Monday, 23rd February, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	NE-E. 0-10.	R. cold.	Fine, frosty, local fog.	Indiff.	Smooth.
2. E. England	W. 5-10.	"	Fine, frosty, local fog.	Bad.	Slight.
3. E. Midlands	W 5-10.	"	Some fog.	Poor.	-
4. W. Midlands	WNW. 0-5.	"	Dull, local fog.	"	-
5. S.W. England	E. 15-20.	Normal.	Cloudy, misty	"	R. rough
6. South Wales	NE. 5-10.	R. cold.	Fine.	Fair.	Calm.
7. North Wales	SE. 0-5.	Normal.	Gloomy, local mist.	Poor.	"
8. N.W. England	WNW 0-5.	R. mild.	Dull.	Fair.	Smooth.
9. N. Midlands	W. 0-10.	Normal.	Dull, some mist.	Indiff.	-
10. N.E. England	W. 0-10.	"	Fine, frost, local fog.	Poor.	Smooth.
11. E. Scotland	W. 2-10.	Mild.	Fair to cloudy with haze	Fair.	"
12. S.W. Scotland	W. 5-10.	"	Dull and hazy.	"	"
13. Isle of Man	W. 2.	Mod.	Dull.	"	V. smooth
14. N. & N.W. Scotland	W. 5-15.	V. mild.	Dull and misty.	Indiff.	Mod.
15. Hebrides	W. 20.	Mild.	Dull and squally.	"	"
16. Orkneys and Shetlands	W. 15.	"	Dull and misty.	"	Slight.
17. N.W. Ireland	Light & Var.	Mod.	Dull and misty.	"	V. smooth
18. N.E. Ireland	S.-W. 2-5.	R. mild.	Dull, some mist.	"	Smooth.
19. S.E. Ireland	Light & Var.	Mod.	Generally dull.	Fair.	V. smooth
20. S.W. Ireland	E. 2.	R. cold.	Fine.	V. good.	Smooth.



GENERAL INFERENCE from observations received up to 9 A.M.

An anticyclone extending from Ireland to Germany appears to be moving Eastward. It will maintain generally fair, dry weather over the Southern districts during the ensuing 2 or 3 days, but in the Northern districts, the Westerly wind current will bring a good deal of cloud, with some showers.

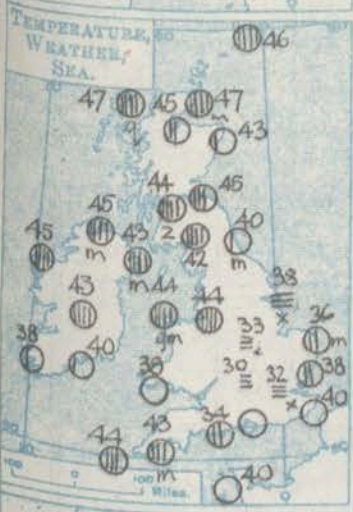
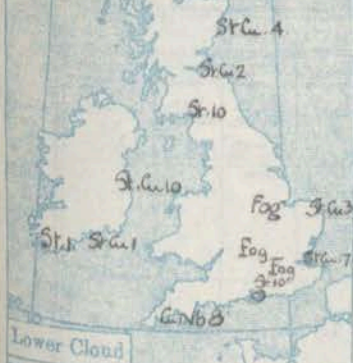
**EXPLANATION.**  
 BAROMETER.—Isobars are drawn at intervals of two millibars.  
 WIND.—Direction is shown by the flag with the wind. Force, on the flag, is indicated by the number 0-12, is indicated by the number of feathers. Mean velocity is shown in per hour by figures in small circles.  
 TEMPERATURE.—Isobars are drawn at intervals of 1 degree.  
 WEATHER SYMBOLS.—  
 ☉ clear sky. ☁ sky i. cloud. ☁ sky i. cloud.  
 ☁ overcast sky. ☁ rain. ☁ rain.  
 \* snow. \* hail. \* fog. \* thunder.  
 SEA DISTURBANCE.—  
 Rough. High.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Monday, 23rd February, 1920.	Further Outlook.
1. S.E. England	Wind light, Easterly or variable. Fair or fine generally, but some local fog or mist, especially inland. Visibility fair apart from mist or fog. Temperature rather low during day, frost at night.	Southern districts Generally fair or bright, but mist or fog at times.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England	Wind E. or S.E., light or moderate. Fair generally. Visibility mainly good. Little change of temperature. Frost locally at night.	Northern districts Wind mainly W. to S.W., cloudy or dull, some showers.
6. South Wales		
7. North Wales		
8. N.W. England		
9. N. Midlands	Wind mainly W., light or moderate. Cloudy, fairer intervals. Visibility fair to good. Moderate temperature.	
10. N.E. England		
11. E. Scotland		
12. S.W. Scotland		
13. Isle of Man	Wind W. or S.W., light or moderate to fresh. Cloudy or overcast, some showers later. Visibility fair to indifferent. Moderate temperature.	
14. N. & N.W. Scotland		
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland	Same as 5 and 6.	
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		



# SYNOPTIC CHART FOR MORNING OF MONDAY, 23RD FEBRUARY, 1920.

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



SYNOPTIC CHART FOR MORNING OF MONDAY, 23RD FEBRUARY, 1920.

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Scale of Surface Visibility.

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



WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 22 <sup>ND</sup>																	
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night.	Day.	Sunrise to Sun- set.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night.	Day.	Sunrise to Sun- set.
						18h-9h.	9h-18h.								21 <sup>st</sup> -22 <sup>nd</sup>	22 <sup>nd</sup>	
						mm.	mm.								mm.	mm.	
Scotland.	Oban ... ..								England, N.W.	Douglas (I.O.M.)							
	Banff ... ..	o	o.c	50	41	-	-	0.0		Blackpool ... ..							
	Montrose ... ..									Southport ... ..	o.c.be	be.c.be	47	32	-	-	1.3
	St. Andrews ... ..	*	*														
England, N.E.	Harrogate ... ..	b	b	48	32	-	-	4.9	Midlands.	Buxton ... ..							
	Scarborough ... ..	*	*							Leamington Spa...	*	*	47	26	-	-	2.5
	Skegness ... ..									Malvern ... ..							
										Ross-on-Wye ... ..	x.of	of.be	49	29	-	-	4.5
England, E.	Lowestoft ... ..	b	b	46	38	-	-	8.6	Wales.	Rhyl ... ..	be.c	be.c	48	38	-	-	2.7
	Felixstowe ... ..	be	be	46	34	-	-	9.1		Colwyn Bay ... ..	*	*	49	39	-	-	?
	Southend-on-Sea...	m.be	b	48	32	-	-	8.5		Llandudno ... ..	-	-	49	38	-	-	3.2
										Aberystwyth ... ..							
England, S.E.	Tunbridge Wells	bcm.b	b.be.b	48	33	-	-	7.1	England, S.W.	Weymouth ... ..							
	Margate ... ..									Teignmouth ... ..							
	Ramsgate ... ..									Torquay ... ..	b	b	51	42	-	-	9.2
	Folkestone ... ..	be	be.c	47	37	-	-	7.0		Paignton ... ..							
	Hastings ... ..	b.be	be.b	46	34	-	-	9.0		Penzance ... ..	b	b	50	37	-	-	10.0
	Eastbourne ... ..	be	b	46	34	-	-	7.7		Newquay ... ..	b	b	47	35	-	-	9.3
	Brighton ... ..	b	b	48	35	-	-	9.2		Bude ... ..							
	Worthing ... ..	c.be	b	48	35	-	-	6.7		Ilfracombe ... ..							
	Littlehampton ... ..	b	b	48	33	-	-	8.8		Weston-s-Mare ... ..							
	Bournemouth ... ..	*	*	50	30	-	-	9.0		Bath ... ..	m.b	b	49	29	-	-	4.6
	Ventnor (I. of W.)	*.	*.	43	33	-	-	7.5									

STATIONS.		SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION. b blue sky (not more than a quarter covered). bc sky partly cloudy (one half covered) c generally cloudy (three quarters covered). d drizzle, or fine rain. e wet air without rain falling. f fog. g gloom. h hail. i lightning. m mist. o overcast sky. p passing showers. q squalls. r rain. rs sleet, i.e., rain and snow together. s snow. t thunder. u ugly, threatening sky. v unusual visibility. w dew. x hoar frost. y dry air; humidity less than 60 per cent. z dust haze; the turbid atmosphere of dry weather.  Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 2=heavy. Underlining is used to express continuity.		THE BEAUFORT SCALE OF WIND FORCE. Used only for surface observations.			
		WEATHER.					RAINFALL.										Sun. Hours.
		7h-13h	13h-18h	18h-24h	1h-7h	Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	Day. 7-18h.	Night. 18h-7h.							
															No.	Limits of Velocity at about 30 feet above ground.	
																Statute miles per hour.	Metres per second.
Eskdalemuir ...	o.om	om.o	o.c. bc. bz	o.c. bc. o	45	35	36	-	-	-	-	0.0		0	Less than 1	Less than 0.3	
Valencia (Cahirciveen) ...	o	o	o.c. bc. b		49	37	31	-	-	-	-	0.2		1	1-3	0.3-1.5	
Baldonnell ...	b.bc	c.o2	c.o2	o2	49	32	*	*	*	*	*	*		2	4-7	1.6-3.8	
Anglesey (Llangefni) ...	b.bq.v	bz	b	bc.cm	52	32	28	-	-	-	-	9.4		3	8-12	3.4-5.4	
Falmouth ...	bz	bccz		b.bc.z	49	34	-	-	-	-	-	9.0		4	13-18	5.5-7.9	
Calshot (Hants) ...														5	19-24	8.0-10.7	
Lympne (Folkestone)							*	*	*	*	*	*		6	25-31	10.8-13.8	
Aberdeen ...	o	o.o2	o.c. bd		52	36	29	-	-	-	-	0.0		7	32-38	13.9-17.1	
East Fortune ...	c2	cq	bc.cz		48	43	*	*	*	*	*	*		8	39-46	17.2-20.7	
Flamborough Head	bc.cz	bc.cz	b.bcf		51	30	*	*	*	*	*	*		9	47-54	20.8-24.4	
Felixstowe ...			b.bex		46	30	*	*	*	*	*	*		10	55-63	24.5-28.4	
Cranwell (Lincoln)	b.bez	b.bem	b.bez	bf	48	32	*	*	*	*	*	*		11	64-75	28.5-33.5	
Shoeburyness ...	be	b.bz	b.be.cfx		47	27	22	-	-	-	-	8.5		12	Above 75	33.6 or above	
Benson ...	b	b	bxm		48	26	23	-	-	-	-	0.1					
London (Kew Obs.) ...	bmx.bm	bm.bz	cmfx		49	30	23	Trace	-	-	-	8.0					

LONDON. OBSERVATIONS.		WEATHER.			Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	Rain-fall. mm.	Sun-shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).		TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
		Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.						
		24 HOURS ENDED 9h G.M.T. 23 <sup>RD</sup>						YESTERDAY.		TO-DAY.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.		23 <sup>RD</sup> AND 24 <sup>TH</sup> FEBRUARY, 1920			
														Stations.			Sunrise.
												G.M.T.			G.M.T.	G.M.T.	
Greenwich (Royal Observatory)	b bc	b.bcx	b.bf	50	29	26	-	8.1	61	84	Yarmouth...			6.56	12.7	5.18	
City (Bunhill Row) ...	*	*	*	*	*	*	*	6.9	*	*	Greenwich			6.53	12.6	5.19	
Westminster (St. James's Park)	*	*	*	49	29	26	-	5.8	63	93	Wick ...			7.1	12.14	5.27	
" (Admiralty Arch)	bm.bcm	bcm	bf.fe	51	35	*	-	6.5	65	92	Valencia ...			6.58	12.13	5.28	
Camden Sq. (British Rainfall)	-	-	*	50	30	26	-	*	-	100	Total ...			7.27	12.26	5.25	
Kensington Palace ...	bf	f	*	49	33	24	-	*	78	98	Average Rate, 14.5			7.24	12.25	5.17	
Hampstead obs <sup>y</sup>	bxm	bx	bf	48	32	27	Trace	-	*	88	Maximum Rate, 36			7.41	12.34	6.1	

## NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose to about 50° over the greater part of the Kingdom, but at night frost was experienced over a large area in England; at Benson the thermometer fell to 26° and at Shoeburyness to 27°. Bright sunshine was unusually prevalent in the S.E., S., and S.W. of England; at several stations the records exceeded 9 hours, and at Penzance reached 10 hours. In the N. and W., the day was mainly overcast or cloudy. 6 m.m. of rain fell at Lerwick, but generally the weather was dry.

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## AIR MINISTRY.

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

BRITISH SECTION.

No. 21278B

TUESDAY, 24<sup>th</sup> FEBRUARY, 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. 0-10.	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. 0-10.	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.											
13H. G.M.T. 23 <sup>rd</sup>															18H. G.M.T. OF 23 <sup>rd</sup>														
Eskdalemuir ...	1030.7	0	N	3	0	44	75	7	23000	St	10	-	-	-	1029.2	-1	WNW	1	0	42	82	7	23000	St	10	-	-	-	
Valencia (Cahire'n)	1028.4	-3	E	3	bc	48	75	8	34000	cu	5	-	-	2	1024.9	-2	SE	3	bc	46	75	6	34000	cu	6	-	-	2	
Baldonnel ...	1031.0	-2	E	1	0	48	65	6	23000	St	10	-	-	-	1028.3	-3	ENE	2	0	44	75	4	34000	St	2	-	-	-	
Anglesey (Llangefni)	1028.5	-3	ESE	5	0	46	75	6	-	St	9	-	-	-	1025.5	-4	ENE	4	bc	44	82	2	-	St	6	-	-	-	
Falmouth ...	1030.5	-3	SE	4	bc	45	82	8	-	-	-	-	-	5	1028.2	-1	E	2	0	43	92	4	-	-	-	-	2		
Calshot (Hants) ...	1030.5	-3	SE	4	bc	45	82	8	-	-	-	-	-	5	1028.2	-1	E	2	0	43	92	4	-	-	-	-	2		
Capel (Folkestone)	1031.0	-4	-	-	bc	45	82	8	-	-	-	-	-	-	1028.2	-1	E	2	0	43	92	4	-	-	-	-	2		
Aberdeen ...	1028.3	0	SW	2	bc	53	55	6	-	-	-	cu	5	2	1028.0	0	SSE	1	bc	46	75	4	-	-	-	cu	4	2	
East Fortune ...	1029.4	-1	W	4	bc	51	75	5	34000	St	4	-	-	-	1028.6	0	SSW	1	bc	46	82	5	34000	St	10	-	-	-	
Flamboro' Head	1031.4	-1	-	0	bc	46	75	6	-	-	-	St	1	-	1029.6	0	-	0	bc	42	87	6	-	-	-	St	4	2	
Felixstowe ...	1032.6	-3	E	1	bc	46	82	3	-	-	-	-	-	2	1030.7	1	ENE	3	bc	37	92	3	-	-	-	cu	1	-	
Cranwell (Lincs)	1031.8	-2	SSW	1	bc	51	75	5	-	-	-	cu	1	-	1030.1	-1	SE	1	bc	40	98	3	-	-	-	cu	3	-	
Shoeburyness ...	1032.3	0	E	1	bc	47	75	7	-	-	-	cu	1	-	1029.8	0	ENE	1	bc	40	87	6	34000	cu	1	cu	1	-	
Benson ...	1031.0	-4	0	-	bc	40	78	3	-	-	-	-	-	-	1028.8	-2	-	0	bc	37	92	3	-	-	-	-	-	-	
London (New Ob.)	1031.4	-4	-	-	bc	36	98	1	-	-	-	-	-	-	1028.7	-3	E	3	bc	43	75	2	-	St	2	-	-	-	
1H. G.M.T. OF 24 <sup>th</sup>															7H. G.M.T. OF 24 <sup>th</sup>														
Eskdalemuir ...	1027.2	-2	-	0	0	38	92	6	-	St	3	-	-	-	1024.5	-2	-	0	bc	28	82	5	-	-	-	-	-	-	
Valencia (Cahire'n)	1021.9	-2	SE	3	bc	44	75	8	-	-	-	-	-	-	1019.0	-1	SSE	3	bc	43	87	5	-	St	10	-	-	-	
Baldonnel ...	1024.4	-2	-	0	bc	39	92	4	57000	St	3	-	-	-	1021.4	-3	-	0	bc	33	92	3	23000	St	10	-	-	-	
Anglesey (Llangefni)	1021.8	-4	SE	4	0	45	75	4	-	St	10	-	-	-	1019.7	-1	SE	4	bc	45	82	5	-	St	10	-	-	-	
Falmouth ...	1025.2	-2	ESE	4	0	42	92	3	34000	St	10	-	-	-	1022.1	-2	ENE	2	bc	40	98	3	23000	St	10	-	-	-	
Calshot (Hants) ...	1025.2	-2	ESE	4	0	42	92	3	34000	St	10	-	-	-	1022.1	-2	ENE	2	bc	40	98	3	23000	St	10	-	-	-	
Lymington (Folkestone)	1025.2	-2	ESE	4	0	42	92	3	34000	St	10	-	-	-	1022.1	-2	ENE	2	bc	40	98	3	23000	St	10	-	-	-	
Aberdeen ...	1029.0	-1	SSW	1	bc	37	92	5	-	-	-	-	-	-	1022.7	-2	S	1	bc	41	87	2	-	St	9	-	-	2	
East Fortune ...	1029.0	-1	SSW	1	bc	37	92	5	-	-	-	-	-	-	1023.5	-4	-	0	bc	34	87	6	34000	St	10	-	-	-	
Flamboro' Head	1029.0	-1	SSW	1	bc	37	92	5	-	-	-	-	-	-	1024.0	-4	-	0	bc	35	98	3	57000	cu	1	A-st	2	-	
Felixstowe ...	1027.8	-4	SE	1	bc	37	92	4	-	-	-	-	-	-	1023.7	-3	S	3	bc	40	92	4	-	-	-	A-st	1	-	
Cranwell (Lincs)	1027.8	-4	SE	1	bc	37	92	4	-	-	-	-	-	-	1023.7	-4	ENE	1	bc	35	98	1	23000	St	10	-	-	-	
Shoeburyness ...	1027.8	-4	SE	1	bc	37	92	4	-	-	-	-	-	-	1023.7	-4	ENE	1	bc	35	98	1	23000	St	10	-	-	-	
Benson ...	1026.3	-4	-	-	bc	37	92	4	-	-	-	-	-	-	1021.7	-3	-	0	bc	37	98	3	-	St	10	-	-	-	
London (New Ob.)	1026.3	-4	-	-	bc	37	92	4	-	-	-	-	-	-	1022.9	-2	E	1	bc	38	98	2	23000	St	10	-	-	-	

## 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 0-0.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.
			Dir.	Force 0-15.		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 23 <sup>rd</sup>						7H. G.M.T. of 24 <sup>th</sup>						24 HOURS ENDED 7H. 24 <sup>th</sup>						24 <sup>th</sup>			
Lerwick	1022.8	46	SW	3	bc	1021.7	-3	44	-2	-	0	-	om	0	1	47	43	om	om	om	0
Stornoway	1026.0	47	W	5	bc	1020.9	-3	44	-3	SW	1	-	0	1	-	50	44	bc	bc	o.b.o	0.8
Castlebay (Barra Is)	1026.6	47	SW	3	0	1023.3	-3	40	-4	S	2	-	cm	0	-	47	40	om	om	om	0.0
Glasgow	1028.6	45	WSW	1	bc	1020.5	-2	40	-5	SSE	2	S	cm	3	-	47	39	om	om	om	0.0
Main Head	1027.1	46	SSW	2	0	1019.3	-4	40	-5	S	2	-	bc	2	0.2	48	37	bc	bc	bc	0.0
Blacksod Point	1026.1	46	SE	2	bc	1020.9	-2	39	-1	ENE	1	-	0	1	0.2	49	37	bc	bc	bc	0.0
Roche's Point...	1026.9	45	ESE	3	bc	1020.4	-2	36	-7	NE	1	-	0	0	-	50	32	c	c	c	2.8
Birr Castle	1026.7	45	NE	1	c	1022.0	-4	42	-1	SE	2	-	om	2	-	47	38	om	om	om	0
Donaghadee	1028.2	45	SW	1	om	1022.9	-3	35	-9	SE	2	-	m	1	-	47	34	bc	bc	m.f	0.3
Liverpool (Bidston)	1029.1	43	N	1	m	1021.3	-2	36	-8	SSW	4	-	bm	2	-	48	35	0	bc	bx	2.0
Holyhead	1028.5	44	-	0	bc	1020.4	-2	43	+5	ESE	3	-	0	2	-	49	37	bm	bm	b.om	8.6
Pembroke (St. Ann's)	1027.3	44	ESE	1	bm	1019.8	-1	45	+1	SSE	2	-	om	3	-	47	44	0	0	om	2.2
Scilly (St. Mary's)	1025.1	44	ESE	4	c	1020.8	-1	39	-1	ESE	3	SE	c	3	-	49	36	b	bm	bx	9.0
Jersey (St. Aubin)	1024.9	43	E	4	bm	1020.9	-2	44	+10	ESE	5	-	om	4	-	45	34	bc	bc	bc	0
Portland Bill	1026.2	44	E	5	bc	1021.9	-2	40	0	S	3	-	b	3	-	46	38	b	b	b	0
Dungeness	1024.7	43	ENE	4	b	1020.8	-3	43	-4	SSE	2	-	cm	2	-	51	40	c	om	bc	0
Wick	1025.7	46	WSW	2	m	1021.1	-2	42	-3	-	0	-	og	0	-	51	40	bc	cm	cg	0.0
Nairn	1026.8	47	-	0	om	1022.7	-1	37	-8	SW	1	-	bz	2	-	50	37	cm	cm	cg	0.0
Leith	1027.8	47	SW	1	0	1024.5	-2	35	-5	WNW	1	-	f	1	-	50	35	bm	bm	f	0
Tynemouth	1029.4	45	NW	2	bc	1024.3	-2	41	+3	ESE	2	-	bc	3	-	45	24	f	f	bm	0
Spurn Head	1029.5	42	E	2	bc	1023.7	-3	40	+4	SE	4	-	cm	3	0.2	50	35	bc	bc	bc	8.0
Yarmouth (Gorleston)	1029.7	41	S	2	bc	1023.1	-2	41	+3	SE	3	-	ogm	2	-	49	37	bc	bc	bc	8.4
Clacton-on-Sea	1029.4	43	ENE	3	bc	1023.5	-2	35	+2	E	1	-	f	0.4	49	27	f	b	b	3.2	
Nottingham	1029.5	43	E	1	b	1023.5	-2	35	+2	E	1	-	f	0.4	49	27	f	b	b	3.2	

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ Longside at 11.



# SUMMARY OF CONDITIONS AT 7 A.M. Tuesday, 24th February, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Var. 5-10.	Normal.	Foggy, local frost.	V. poor.	Smooth.
2. E. England	E-SE. 5-20.	"	Foggy, wet air.	Poor.	Slight.
3. E. Midlands	E. 0-5.	R. cold.	Foggy.	Bad.	"
4. W. Midlands	SE. 0-5.	"	Dull, misty.	Poor.	"
5. S.W. England	SE. 10-15.	Normal.	Dull, misty, wet air.	Indiff.	Slight.
6. South Wales	SE. 10-15.	"	Dull.	"	Smooth.
7. North Wales	SE. 15-20.	R. cold.	Fine, local mist.	"	"
8. N.W. England	SE. 5-10.	Normal.	Fine, local mist.	"	"
9. N. Midlands	SE. 0-5.	"	Fine, misty at times.	"	"
10. N.E. England	SE. 10-15.	"	Fine, local fog.	Bad.	Slight.
11. E. Scotland	Light. Var.	Mod.	Fair to dull, some fog and frost.	Var.	Smooth.
12. S.W. Scotland	S. 5.	"	Dull and misty.	Indiff.	"
13. Isle of Man	S.E. 5.	"	Dull and misty.	Poor.	"
14. N. & N.W. Scotland	S-SW. 2-5.	R. mild.	Dull to cloudy.	Indiff.	V. smooth.
15. Hebrides	S.W. 2.	"	Dull.	"	"
16. Orkneys and Shetlands	Light. Var.	"	Dull.	"	Calm.
17. N.W. Ireland	S. 5.	Mod.	Fair to cloudy. Misty.	"	Smooth.
18. N.E. Ireland	S-SE. 5.	"	Dull and misty.	Poor.	Slight.
19. S.E. Ireland	Light. Var.	"	Dull and frosty.	Indiff.	V. smooth.
20. S.W. Ireland	S-SE. 5-10.	"	Dull. Mist and drizzle.	"	Smooth.

GENERAL INFERENCE from observations received up to 9 A.M.

The central part of the anticyclone is now over Eastern Germany or Poland, and as the system appears to be still moving slowly Eastward, it is probable that, after the ensuing 24 hours have elapsed, the general condition will become less stable over the British Isles.

**EXPLANATION**  
 BAROMETER.—(Isobars are  
 intervals of two millibars  
 WIND.—Direction is shown by  
 flying with the wind. Force  
 0-12, is indicated by the  
 feathers. Mean velocity is shown  
 per hour by figure in circle.  
 TEMPERATURE.—(Isobars are  
 intervals of 1° C.)  
 WEATHER SYMBOLS.—  
 ☉ clear sky. ☁ sky & cloud. ☁☁ overcast sky.  
 \* snow. ▲ hail. ☌ thunder.  
 SEA DISTURBANCE.—  
 Rough. High.

Further Outlook

Districts.	Forecasts for the 24 hours commencing 3 p.m. Tuesday, 24th February, 1920.
1. S.E. England	Wind between E. and S.E., light to moderate. Cloudy, fairer at times, Mist or fog locally. Visibility variable. Temperature changing little. Frost locally at night.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	Wind S.E. to S. or S.W., light or moderate. Mainly cloudy or overcast, mist at times, fairer intervals. Visibility indifferent to fair. Little change of temperature. Local frost at night.
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	Wind S. or S.W., light or moderate. Much cloud generally, some slight rain, mist at times. Visibility indifferent. Rather mild or moderate temperature.
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Wind between S.E. and S.W., light or moderate. Cloudy or overcast, fairer intervals, occasional mist. Little change of temperature.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Becoming less settled.



# SYNOPTIC CHART FOR MORNING OF TUESDAY, 24<sup>TH</sup> FEBRUARY, 1920.

Scale - 1:110,000,000

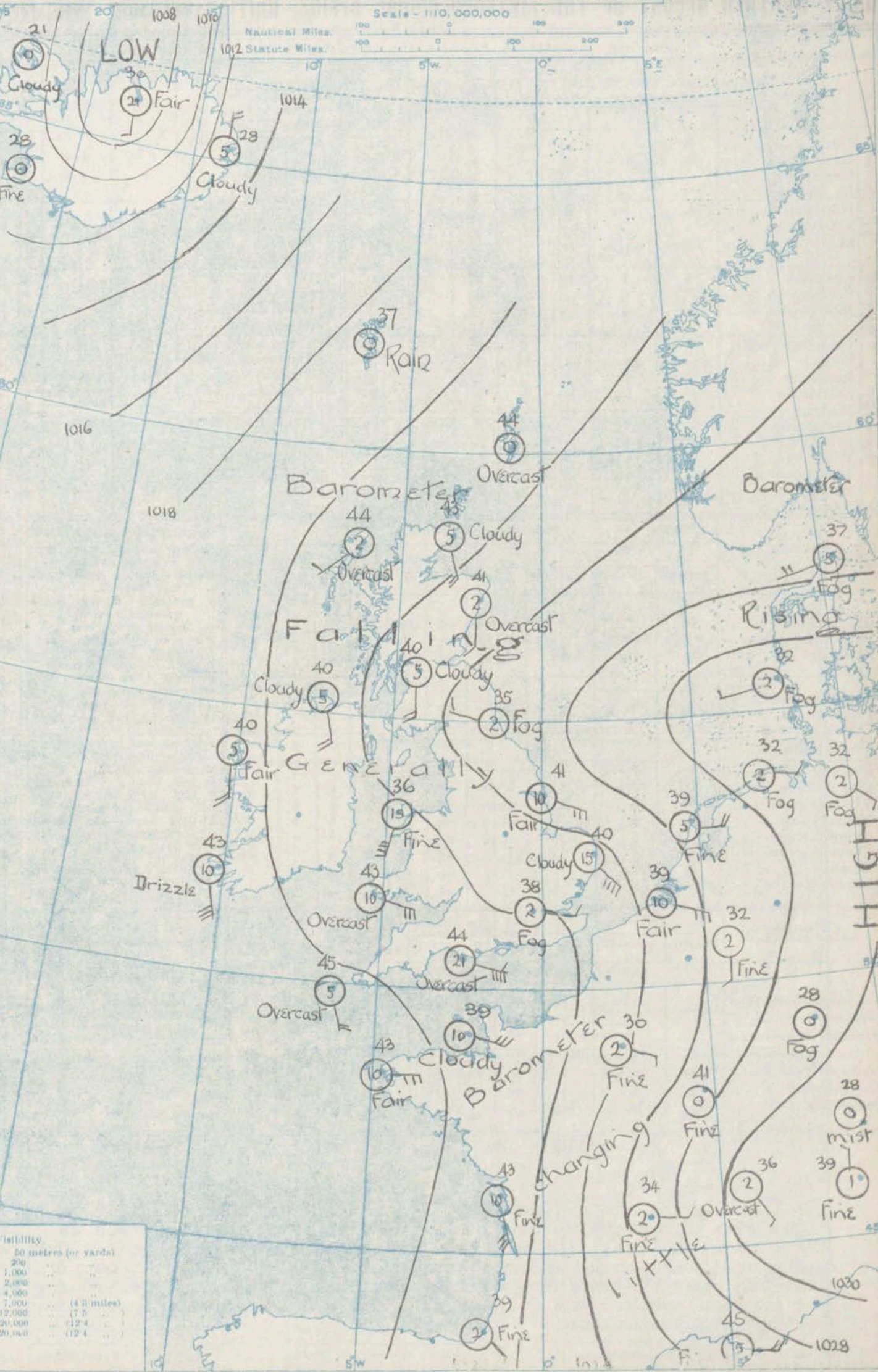
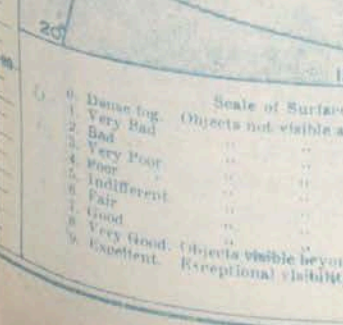
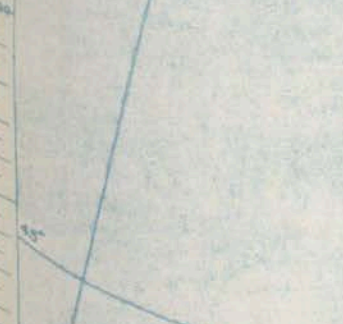
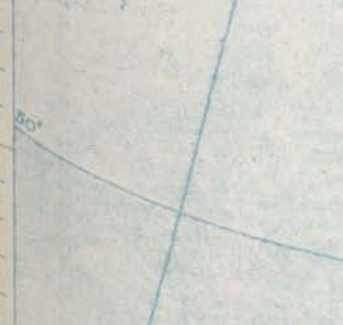
Nautical Miles.

1012 Statute Miles.

5° W.

0°

5° E.



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



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 55... B

24<sup>th</sup> February

51

\* Information for these columns not usually received.





## AIR MINISTRY.

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

BRITISH SECTION.

No. 279B

WEDNESDAY, 26<sup>TH</sup> FEBRUARY, 1920.

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

OBSERVATIONS AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H.																												
STATIONS.	BAROM.	+	WIND.		Weather	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 0-12.		°F.	%	0-10.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.	at M.S.L.	Change in 3 hours.	Dir.	Force 0-12.		°F.	%	0-10.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.
	mb.														mb.													
13H. G.M.T. 24 <sup>th</sup>																												
Eskdalemuir ...	1018.7	-4	E	1	b3	46	85	5	-	-	-	-	-	*	1017.2	-2	-	0	bcu	37	82	4	-	-	-	Ci St	4	
Valencia (Cahire'n)	1017.4	-2	E	2	c3	46	75	7	3-4000	cu	2	A. St.	6	2	1016.7	0	SSW	2	bc	44	82	8	-	-	-	A. G.	4	
Baldonnel ...	1018.7	-5	ENE	1	0	44	75	3	2-3000	St	9	-	-	*	1017.7	-1	-	0	03	40	92	3	1-2000	St	10	-	-	
Anglesey (Llangefnau)	1018.9	-1	SE	2	om	47	87	4	-	St. cu	10	-	-	*	1017.7	0	SE	1	cf	45	92	2	-	Set. 10	6	-	2	
Falmouth ...	1018.3	-1	E	3	b	45	87	5	2-3000	cu	1	-	-	*	1019.5	0	ESE	3	cf	44	98	2	2-3000	Fr cu	8	-	-	
Calshot (Hants) ...	1020.1	-1	E	3	b	45	87	5	2-3000	cu	1	-	-	*	1019.5	0	ESE	3	cf	44	98	2	2-3000	Fr cu	8	-	-	
Capel (Folkestone)	1018.7	-5	ENE	1	0	44	75	3	2-3000	St	9	-	-	*	1017.7	-1	-	0	03	40	92	3	1-2000	St	10	-	-	
Aberdeen ...	1019.0	-4	S	2	b	46	75	6	-	-	-	-	-	2	1016.7	-1	SSW	2	b3	41	75	4	-	-	-	-	2	
East Fortune ...	1023.5	-5	-	0	b	47	65	6	-	-	-	-	-	*	1016.5	-2	0	-	bc3	40	87	4	2-3000	St	2	A. St.	3	
Flamboro' Hd. ...	1020.0	-4	SSE	2	0	41	98	5	1-2000	St	10	-	-	*	1017.6	-2	WSW	1	0	39	92	5	1-2000	St	10	-	-	
Felixstowe ...	1020.9	-3	SW	3	b3	44	75	3	2-3000	Fr. cu	1	A. St.	2	3	1021.0	+2	SW	1	b3	38	92	3	-	-	-	-	1	
Cranwell (Lincs)	1019.7	-2	WNW	3	f2c	36	58	1	4500	St	10	-	-	*	1020.0	0	W	2	cf	36	98	2	1-1000	St	10	-	-	
Sheeburyness ...	1018.6	-2	W	1	om	42	82	5	1-2000	St. cu	7	A. St.	2	2	1020.3	-2	ENE	1	bm	37	62	4	-	-	-	-	-	
Benson ...	1019.7	-2	-	0	om	41	87	3	-	-	-	-	-	*	1019.5	0	-	0	b	37	87	3	-	-	-	-	-	
London (Kew Obs.)	1020.0	-2	-	0	cm	44	87	3	-	cu	8	-	-	*	1020.0	0	-	0	bm	41	92	3	-	-	-	-	-	
1H. G.M.T. OF 25 <sup>th</sup>																												
Eskdalemuir ...	1017.5	-1	SE	1	om	35	98	2	-	St.	10	-	-	*	1017.2	0	S	1	om	35	98	2	-	St	10	-	-	
Valencia (Cahire'n)	1016.9	0	ESE	2	bc	38	92	4	2-3000	St	10	-	-	*	1015.1	0	E	2	c3	38	92	7	-	F. cu	4	A. St.	4	
Baldonnel ...	1017.9	0	-	0	om	40	82	4	2-3000	St	10	-	-	*	1016.9	0	ESE	2	0	35	92	4	2-3000	St	10	-	-	
Anglesey (Llangefnau)	1016.9	-2	E	3	bcw	46	92	5	-	St.	4	-	-	*	1015.5	-1	ESE	1	of	47	92	6	-	St. cu	10	-	-	
Falmouth ...	1019.6	0	E	1	C	42	92	2	1-2000	St.	7	-	-	4	1017.3	-1	ESE	1	of	44	98	2	2-3000	St	10	-	-	
Calshot (Hants) ...	1019.6	0	E	1	C	42	92	2	1-2000	St.	7	-	-	4	1017.3	-1	ESE	1	of	44	98	2	2-3000	St	10	-	-	
Lymington (Folkestone)	1019.6	0	E	1	C	42	92	2	1-2000	St.	7	-	-	4	1017.3	-1	ESE	1	of	44	98	2	2-3000	St	10	-	-	
Aberdeen ...	1018.5	0	S	3	0	40	92	4	1-1000	St	10	-	-	4	1015.9	0	WSW	1	b. f.	32	92	1	-	-	Ci. St.	1	2	
East Fortune ...	1018.5	0	S	3	0	40	92	4	1-1000	St	10	-	-	4	1018.5	0	S	1	0	39	82	4	1-2000	St	9	-	-	
Flamboro' Hd. ...	1020.0	-2	SSW	2	of	35	98	3	1-1000	St.	10	-	-	*	1020.0	-1	SW	1	cx	40	92	2	1-1500	St	9	-	-	
Felixstowe ...	1020.0	-2	SSW	2	of	35	98	3	1-1000	St.	10	-	-	*	1019.9	-1	SE	1	of	34	98	2	1-1500	St	9	-	-	
Cranwell (Lincs)	1020.0	-2	SSW	2	of	35	98	3	1-1000	St.	10	-	-	*	1019.2	-1	NE	1	bc f.	32	97	4	4-5000	St	2	A. St.	3	
Sheeburyness ...	1020.1	0	-	-	-	-	-	-	-	-	-	-	-	*	1018.1	0	-	0	b. f.	32	98	1	-	-	-	-	-	
Benson ...	1020.1	0	-	-	-	-	-	-	-	-	-	-	-	*	1019.2	+1	-	0	ofew	35	98	0	<500	St	10	-	-	
London (Kew Obs.)	1020.1	0	-	-	-	-	-	-	-	-	-	-	-	*	1019.2	+1	-	0	ofew	35	98	0	<500	St	10	-	-	
STATIONS CONTRIBUTING REPORTS AT 7H. AND 19H.																												
STATIONS.	BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.		WIND.		Dires. of Upper Cloud.	Weather.	Sea	Rainfall mm.	TEMP.			WEATHER.			Sunshine hours.						
	at M.S.L.	°F.	Dir.	Force 0-12.		at M.S.L.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.								
	mb.					mb.																						
19H. G.M.T. OF 24 <sup>th</sup>																												
Lerwick ...	1012.9	43	S	2	om	1011.7	-1	42	-2	SW	2	-	om	1	1	44	42	omd	om	om	0.0							
Stornoway ...	1015.2	43	SW	2	0	1013.0	0	40	-4	SSW	1	-	0	1	-	45	39	0	0	0	0.0							
Castell Bay (Barrals)	1015.2	45	SW	3	C	1013.8	-1	44	0	SSW	3	-	0	4	-	45	41	0.0	0.0	0.0	0.0							
Glasgow ...	1016.9	42	NW	1	om	1016.7	0	37	-3	ENE	1	-	om	1	-	44	36	C. om	0.0	0.0	0.3							
Malin Head ...	1016.6	42	SSE	1	C	1014.4	0	38	-2	SSW	2	SW	om	2	-	40	37	bc	bc	cm	6.2							
Blackod Point ...	1015.6	44	W	2	bc	1013.3	-2	43	+3	W	2	-	bcu	2	-	49	37	bc	bc	bcu	6							
Roche's Point ...	1018.1	43	ENE	1	om	1016.5	0	42	+3	NNE	1	-	odcu	1	2	46	38	om	om	b. o. cu	6							
Birr Castle ...	1017.0	42	SE	1	om	1016.3	0	40	+4	SE	1	-	0	1	-	44	35	cy. 0	03	0	1.2							
Donaghadee ...	1017.2	42	-	0	cf	1016.6	0	36	-6	SW	1	-	bf	1	-	46	36	om	of	of	6							
Liverpool (Bidston)	1018.2	39	SSE	2	0	1017.2	-1	39	+4	SSE	3	-	bc	2	-	41	35	0	m.	0. bc	1.3							
Hayhead ...	1017.8	43	SSW	4	0	1016.8	-1	40	+4	S	3	-	cm	1	trace	45	35	bm	b. omg	o. bc	4.2							
Pembroke (St. Ann's Head)	1018.3	43	ASE	3	omg	1016.4	-2	42	-1	ESE	1	-	om	1	-	44	+2	0	omg	c. om	0.0							
Scilly (St. Mary's)	1017.5	47	SE	2	0	1013.7	-1	49	+4	S	2	-	0	3	-	51	45	om	c. om	om	0.8							
Jersey (St. Aubin)	1018.6	51	ASE	2	-b	1017.4	0	47	+6	ESE	2	SE	bc	1	-	54	39	eb	b	b. bc	8.0							
Portland Bill ...	1018.4	46	SE	3	0	1016.6	0	47	+3	ENE	4	-	0	4	-	48	43	om bc	bc 0	bcu 0	6							
Dungeness ...	1020.1	35	SW	2	-b	1018.8	-1	43	+3	S	2	SW	bc	2	-	47	35	bc b	b	b	6							
Wick ...	1015.3	42	SW	1	om	1012.5	0	39	-4	SW	2	-	cm	2	3	46	38	cm	om	om. cm	6							
Nairn ...	1015.7	43	-	0	cm	1014.1	0	33	-9	-	0	-	bcu	0	-	47	30	0 cg	cg m	c. bcx	0.0							
Leith ...	1015.7	39	NE	1	b	1016.1	0	38	-4	SW	1	-	cm	1	-	48	35	b. cm. c	c. bcg. b	b. bcu	6							
Tynemouth ...	1017.0	39	SW	1	of	1017.2	0	35	0	W	2	-	cf	2	-	40	35	bc	log m	bm. bcu	6							
Spurn Head ...	1018.2	38	WSW	3	f	1018.6	0	39	-2	SW	2	-	ogm	3	1	43	34	bc	log m	bm	6							
Yarmouth (Gorleston)	1020.6	40	W	2	f	1018.9	-2	40	0	SSE	2	-	cm	1	0.2	45	35	cm. bcu	cm. bcu	bm. w	1.0							
Clacton-on-Sea ...	1020.4	42	SSW	2	m	1019.2	0	43	+2	SSW	1	SW	cmw	2	-	45	40	ac. bcu	bcu	bc. cuw	3.5							
Nottingham ...	1019.4	38	SW	2	om	1018.7	0	35	0	E	1	SW	omw	1	0.3	38	33	fed	fmo	om. bc	0.0							

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ Longside at 1H.



# SUMMARY OF CONDITIONS AT 7 A.M. Wednesday, 25th February, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Var. 0-10.	R. cold.	Foggy, frost inland.	Poor.	V. smooth.
2. E. England	Var. 0-10.	"	Foggy.	V. bad.	"
3. E. Midlands	E. 0-5.	"	Dull, misty, wet air.	Bad.	-
4. W. Midlands	SE. 5-10.	Normal.	Cloudy, fair.	Indiff.	-
5. S.W. England	SE. 0-10.	R. mild.	Rainy.	Fair.	Slight.
6. South Wales	ESE. 0-5.	Normal.	Dull, misty.	Indiff.	V. smooth.
7. North Wales	S. 10-15.	"	Fine, local mist.	Fair.	"
8. N.W. England	SW. 5-10.	"	Dull, misty.	"	Smooth.
9. N. Midlands	SW. 5-10.	"	Dull, misty.	Indiff.	-
10. N.E. England	SW-W. 5-10.	"	Foggy, gloomy.	Bad.	Slight.
11. E. Scotland	SW. 0-10.	R. cold.	Foggy, fair intervals.	V. bad.	Smooth.
12. S.W. Scotland	S. 0-5.	Normal.	Dull, misty.	Fair.	"
13. Isle of Man	S. 5-10.	"	Fair, misty.	Indiff.	V. smooth.
14. N. & N.W. Scotland	S-SW. 0-10.	"	Fair, misty.	Fair.	Smooth.
15. Hebrides	S. 0-5.	"	Dull.	Indiff.	V. smooth.
16. Orkneys and Shetlands	SW. 5-10.	R. mild.	Dull, misty.	"	"
17. N.W. Ireland	W. 5-10.	Normal.	Fair, misty.	Fair.	Smooth.
18. N.E. Ireland	SW. 0-5.	R. cold.	Fair, foggy.	Poor.	V. smooth.
19. S.E. Ireland	NE. 0-5.	Normal.	Dull, drizzle, misty.	Indiff.	"
20. S.W. Ireland	E. 5-10.	R. cold.	Dull, misty.	"	Smooth.



GENERAL INFERENCE from observations received up to 9 A.M.

An anticyclone still extends from Central Europe to this country, but a slight depression is indicated off our S.W. coast and a large deep depression is spreading over Iceland from the Westward. It is probable, therefore, that some rain will be experienced shortly on our Northern and Western coasts, and that during the ensuing 2 or 3 days the weather will be less fair than of late over the British Isles generally.

**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 feet per hour by figures in degrees.  
**TEMPERATURE SYMBOLS.**  
 ○ clear sky. ○ sky + clouds.  
 ⊙ overcast sky. ⊙ rain falling.  
 \* snow. △ hail. ≡ fog. ≡ thunder.  
**SEA DISTURBANCE.**—Rough. High waves.

Further Outlook

Condition becoming less settled generally, some rain, with S. or S.W. winds, probable in many districts.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Wednesday, 25th February, 1920.
1. S.E. England	Wind S. or S.E., light, then S. or S.W. light. Cloudy or dull, some mist or fog, fairer intervals. Visibility mainly indifferent. Slight frost at night, then milder.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Wind S.E. to S.W., light or moderate. Mainly cloudy or dull some slight rain, occasional mist. Visibility mostly poor. Moderate temperature.
6. South Wales	
7. North Wales	Wind S. or S.W., light or moderate. Mainly cloudy, mist locally, fairer intervals. Visibility indifferent to fair. Temperature rising somewhat.
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	Wind S. or S.W., light then freshening, cloudy or variable sky, some rain or showers later. Visibility indifferent. Temperature rising somewhat.
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	Same as 5 and 6.



# SYNOPTIC CHART FOR MORNING OF WEDNESDAY, 25<sup>TH</sup> FEBRUARY, 1920.

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



Scale of Surface Visibility.

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



**AIR MINISTRY.**

**DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 56. B**

Wednesday,  
25th February.

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, 18h-9h.	Day, 9h-18h.	Sunrise to Sun- set.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night, 18h-9h.	Day, 9h-18h.	Sunrise to Sun- set.
						23rd-24th	24th	24th							23rd-24th	24th	24th
						mm.	mm.								mm.	mm.	
Scotland.	Oban ...	c bc c	c	45	41	-	-	0.3	England, N.W.	Douglas (I.O.M.)							
	Banff ...	oe bc	bc	51	39	-	-	3.9		Blackpool ...	mc	c om	40	34	-	-	0.4
	Montrose ...									Southport ...	mo	oe bc c o	42	24(3)	-	-	1.3
	St. Andrews ...	*	*														
England, N.E.	Harrogate ...	om	om	39	30	0.2	-	0.0	Midlands.	Buxton ...							0.0
	Scarborough ...	fx	bc	45	35	-	-	1.9		Leamington Spa ...	*	*	40	29	-	-	0.0
	Skegness ...	fo	om	41	34	0.5	-	0.1		Malvern ...	m	o	40	32	-	-	0.0
England, E.	Lowestoft ...	o	o c bc	45	37	-	-	2.1	Wales.	Ross-on-Wye ...	x mo	mo	42	31	-	-	4.1
	Felixstowe ...	bcf	bcf	45	41	-	-	4.2		Rhyl ...	bc	c	43	31	-	-	5.7
	Southend-on-Sea ...	fb	fb	46	33	0.2	-	2.0		Colwyn Bay ...	*	*	44	32	-	-	4.2
										Llandudno ...	*	*	47	24	-	-	0.0
England, S.E.	Tunbridge Wells	bc m b	b b m	51	30	-	-	4.8	England, S.W.	Aberystwyth ...	q	oc	46	39	-	-	3.5
	Margate ...	.	.	48	26	-	-	6.6		Weymouth ...	mc	bc	51	41	-	-	0.6
	Ramsgate ...	b	b	45	37	-	-	7.1		Teignmouth ...	o bc	o	48	44	-	-	1.0
	Folkestone ...									Torquay ...	c bc	c	47	43	-	-	1.5
	Hastings ...	o bc b	b	47	40	-	-	6.0		Paignton ...	c bc	cf	49	43	-	-	0.3
	Eastbourne ...	c bc	bc	47	37	-	-	6.1		Penzance ...	oc	c	50	42	-	-	0.0
	Brighton ...	b	b	47	34	-	-	9.2		Newquay ...	ogz	ogz	48	37	-	-	0.0
	Worthing ...	bc b	b	49	36	-	-	5.8		Bude ...	og	o	48	36	-	-	0.0
	Littlehampton ...									Ilfracombe ...	o	or	46	38	-	0.2	0.0
	Bournemouth ...	*	*	45	33	-	-	4.4		Weston-s-Mare ...	o	om	46	35	-	-	0.0
	Ventnor (I. of W.)	.	.	49	40	-	-	6.5		Bath ...	mo	oc	47	35	-	-	0.2

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-13h 24 <sup>th</sup>	13h-18h 24 <sup>th</sup>	18h-24h 24 <sup>th</sup>	1h-7h 25 <sup>th</sup>	7h-18h				18h-7h	Statute miles per hour.					Metres per second.	
Eskdalemuir ... ..		bz. bz	b3 bz	bem. om	c. om	48	27	27	-	-	7.2	b blue sky (not more than a quarter covered).					
Valencia (Cahirciven) ...		03. c	g. bz	b. bc. c		51	32	29	-	-	2.3	bc sky partly cloudy (one half covered).					
Baldonnel ... ..		c. 03	c of	c. o	c. o	44	30					c generally cloudy (three quarters covered).					
Anglesey (Llangefni) ...												d drizzle, or fine rain.					
Falmouth ... ..		om	om of	ofc. bc	bcc. o	49	44	36	-	-	0.0	e wet air without rain falling.					
Calshot (Hants.) ... ..		c. o. b. bc	b3	b. bc	bc. cf	40	36	37	-	-	5.7	f fog. g gloom.					
Capel (Polkestone)												h hail. i lightning.					
Aberdeen ... ..		om. bz	b3	b3x		47	31	25	-	-	6.0	m mist. o overcast sky.					
East Fortune ... ..		b3	bc bz									p passing showers.					
Flamborough Head ...		b. bc. c. o	3 pd.	o		44	33					q squalls. r rain.					
Felixstowe ... ..		b. bz	b3	x fi		45	30					s sleet, i.e., rain and snow together.					
Cranwell (Lines) ...		c. 03	of pd	of	of	38	30					t thunder.					
Shoeburyness ...		b3. bc. om	om. bc. om	of. cf. bc		46	28	25	-	-	3.5	u ugly, threatening sky.					
Benson ... ..		om	b	b. cf		44	30	24	-	0.1		v unusual visibility.					
London (Kew Obsy.) ...		of. of. om	om. om	bf. ofew		46	31	26	-	trace	0.3	w dew. x hoar frost.					
												y dry air; humidity less than 60 per cent.					
												z dust haze; the turbid atmosphere of dry weather.					
												Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 2=heavy. Underlining is used to express continuity.					





## AIR MINISTRY.

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

BRITISH SECTION.

No. 1280. B

THURSDAY, 26<sup>TH</sup> FEBRUARY 1920.

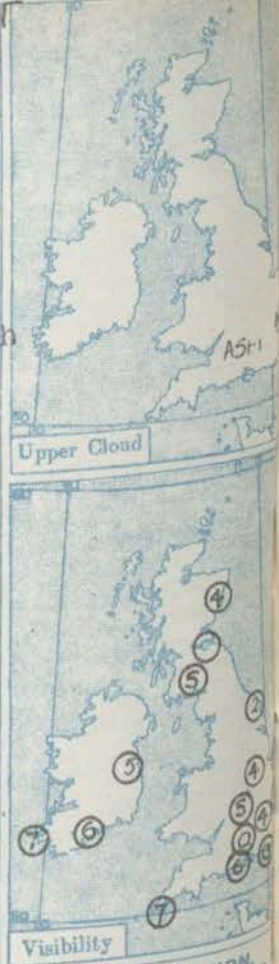
## OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.

STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather	TEMP. °F.	Humidity. %	Visibility. 0-10.	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. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud		Sea 0-9.
			Direc.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Direc.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.	
13H. G.M.T. of 25 <sup>TH</sup>																												
Eskdalemuir ...	1016.7	-1	SW	3	om	39	98	2	1-1500	St	10	-	-	-	1015.7	0	-	0	cm	35	92	3	-	St	2	Ci. Cu	6	-
Valencia (Cahire'n)	1015.9	0	NE	1	CZ	46	75	7	2-3000	Cu	2	A. st	6	2	1017.2	+3	NNW	2	bz	45	87	7	3-4000	Cu	1	Ci. Cu	2	2
Baldonnell ...	1016.4	-2	-	0	bcd	44	82	3	1-2000	St	10	-	-	-	1016.1	0	-	0	otf	42	98	2	<500	St	10	-	-	-
18H. G.M.T. of 25 <sup>TH</sup>																												
Anglesey (Llangefni)	1015.8	-1	SE	2	oife	49	92	2	-	St	10	-	-	-	1016.9	+3	SW	2	bz	48	92	5	-	Cu	2	-	-	-
Falmouth ...	1017.3	0	SW	3	0	50	92	8	2-3000	St	8	Ci	1	2	1015.1	+1	SW	2	om	47	98	5	1-1500	St	10	-	-	1
Calshot (Hants) ...	1017.3	0	SW	3	0	50	92	8	2-3000	St	8	Ci	1	2	1015.1	+1	SW	2	om	47	98	5	1-1500	St	10	-	-	1
Lymington (Folkestone)	1017.3	0	SW	3	0	50	92	8	2-3000	St	8	Ci	1	2	1015.1	+1	SW	2	om	47	98	5	1-1500	St	10	-	-	1
Aberdeen ...	1014.3	-3	S	2	bz	46	65	4	-	-	-	Ci	1	2	1012.9	0	-	0	bz	39	82	3	-	St. Cu	1	Ci. Cu	1	2
East Fortune ...	1014.3	-3	S	2	bz	46	65	4	-	-	-	Ci	1	2	1012.9	0	-	0	bz	39	82	3	-	St. Cu	1	Ci. Cu	1	2
Flemington Hd.	1017.5	-2	-	0	0	44	75	4	4-5000	St. Cu	4	-	-	-	1016.4	0	SW	1	0	41	92	4	2-3000	St. Cu	10	-	-	-
Felixstowe ...	1018.6	-2	E	1	om	46	92	3	1-1000	St. Cu	9	-	-	-	1017.7	-1	SE	1	CZ	43	98	3	1-1000	St	4	A. St	3	2
Cranwell (Lincs)	1018.3	-1	SE	1	om	45	87	4	1-2000	St	10	-	-	-	1016.8	-1	SE	2	od	41	98	2	1-1500	St	10	-	-	-
Shoeburyness ...	1018.3	-3	SSE	1	om	48	92	5	2-3000	St. Cu	7	A. st	3	-	1017.2	-2	SW	1	cm	45	92	5	5-7000	St. Cu	2	A. Cu	6	-
Benson ...	1016.5	-2	-	0	om	44	98	3	<500	St	10	-	-	-	1016.3	0	SW	1	0	47	92	5	-	C. St	9	-	-	-
London (Kew Ob.)	1017.2	-4	-	0	oife	44	92	1	<500	St	10	-	-	-	1016.6	0	S	2	om	49	87	4	4-5000	St. Cu	6	A. St	4	-
1H. G.M.T. of 26 <sup>TH</sup>																												
Eskdalemuir ...	1014.0	-2	-	0	oife	28	98	1	-	St	10	-	-	-	1013.8	0	WSW	2	c	35	92	5	1-2000	St	8	-	-	-
Valencia (Cahire'n)	1020.0	+3	SE	2	bc	47	82	1	-	St	10	-	-	-	1022.3	+3	NW	3	op	45	92	7	-	St. Cu	9	-	-	3
Baldonnell ...	1016.7	+1	WSW	2	baf	47	92	1	2-3000	St	5	-	-	-	1019.1	+4	W	4	od	40	92	5	1-1000	St	10	-	-	-
7H. G.M.T. of 26 <sup>TH</sup>																												
Anglesey (Llangefni)	1017.9	+1	SW	2	bv	47	92	5	-	St	3	-	-	-	1021.2	+4	NW	3	b	43	82	7	-	St. Cu	1	-	-	-
Falmouth ...	1017.8	0	WSW	1	om	47	98	1	2-3000	St	10	-	-	-	1017.7	+1	SW	3	b	43	98	6	-	St	2	-	-	1
Calshot (Hants) ...	1017.8	0	WSW	1	om	47	98	1	2-3000	St	10	-	-	-	1017.7	+1	SW	3	b	43	98	6	-	St	2	-	-	1
Lymington (Folkestone)	1017.8	0	WSW	1	om	47	98	1	2-3000	St	10	-	-	-	1017.7	+1	SW	3	b	43	98	6	-	St	2	-	-	1
Aberdeen ...	1013.7	-3	-	0	0	40	92	2	2-3000	St. Cu	10	-	-	-	1010.4	0	-	0	om	38	87	4	-	St. Cu	10	-	-	2
East Fortune ...	1013.7	-3	-	0	0	40	92	2	2-3000	St. Cu	10	-	-	-	1010.4	0	-	0	om	38	87	4	-	St. Cu	10	-	-	2
Flemington Hd.	1013.7	-3	-	0	0	40	92	2	2-3000	St. Cu	10	-	-	-	1010.4	0	-	0	om	38	87	4	-	St. Cu	10	-	-	2
Felixstowe ...	1013.7	-3	-	0	0	40	92	2	2-3000	St. Cu	10	-	-	-	1010.4	0	-	0	om	38	87	4	-	St. Cu	10	-	-	2
Cranwell (Lincs)	1013.7	-3	-	0	0	40	92	2	2-3000	St. Cu	10	-	-	-	1010.4	0	-	0	om	38	87	4	-	St. Cu	10	-	-	2
Shoeburyness ...	1013.7	-3	-	0	0	40	92	2	2-3000	St. Cu	10	-	-	-	1010.4	0	-	0	om	38	87	4	-	St. Cu	10	-	-	2
Benson ...	1013.7	-3	-	0	0	40	92	2	2-3000	St. Cu	10	-	-	-	1010.4	0	-	0	om	38	87	4	-	St. Cu	10	-	-	2
London (Kew Ob.)	1013.7	-3	-	0	0	40	92	2	2-3000	St. Cu	10	-	-	-	1010.4	0	-	0	om	38	87	4	-	St. Cu	10	-	-	2
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. °F.	CHANGE in 24 hours.	WIND.	DIREC. of Upper Cloud.	WEATHER.	SEA 0-9.	RAINFALL mm.	TEMP.			WEATHER.			Sunshine Hours.								
			Direc.	Force 0-12.										Max. °F.	Min. °F.	Morning.	Afternoon.	Night.										
18H. G.M.T. of 25 <sup>TH</sup>																					24 HOURS ENDED 7H. 26 <sup>TH</sup>					25 <sup>TH</sup>		
Lerwick ...	1010.4	43	SW	2	omp	1005.0	-3	40	-2	W	2	-	bc	5	45	39	omp	omd	omd	-								
Stornoway ...	1009.6	45	SW	1	0	1009.2	0	36	-4	WSW	4	-	bep	3	46	35	c	0	abep	1.02								
Castlebay (Barra)	1011.5	46	SW	4	0	1011.0	0	40	-4	NNW	3	-	cp	3	47	38	0.6cm	0.6cm	0.6cm	4.7								
Glasgow ...	1014.9	42	SW	2	omg	1013.0	+1	39	+2	WSW	3	-	om	2	45	36	om	com	ec. ocm	0.6								
Malin Head ...	1013.3	44	SSW	2	cm	1013.5	+1	41	+3	WNW	3	-	cmr	2	46	38	om	bc	bep	2.2								
Blacksod Point ...	1014.4	46	NW	2	c	1017.4	+3	41	-2	NW	3	-	bem	2	49	37	bm	bc	bc. cm	-								
Roche's Point ...	1016.0	44	NNW	2	rm	1020.9	+4	41	-1	NW	2	-	o	2	46	39	rm	rm	o. c. o	-								
Birr Castle ...	1016.1	43	-	0	o	1019.7	39	-1	NW	1	-	-	e	1	44	34	of. o	o	op. c	0.0								
Donaghadee ...	1015.6	43	SSW	1	bem	1015.9	+1	39	+3	W	2	-	bem	1	49	35	bf	bm	bem	-								
Liverpool (Bidston)	1015.0	43	SSE	1	r	1016.1	+1	39	0	W	3	-	b	3	48	39	odm	odm	omr	1.2								
Holyhead ...	1015.1	44	NE	3	orm	1016.4	+1	42	+2	W	5	-	bc	4	48	39	b. bep	co. orm	orm. o. c	0.1								
Pembroke (St. Ann's Head)	1015.5	47	SSW	2	og	1020.0	+2	44	+2	N	2	-	b	2	47	41	om	omg	omf. bc	0.0								
Scilly (St. Mary's)	1016.0	50	SW	1	bc	1022.4	+4	50	+1	WNW	3	-	e	3	54	47	ome	bc.	o. c	7.3								
Jersey (St. Aubin)	1017.0	51	S	3	o	1020.2	+1	47	0	W	2	-	bc	2	54	46	bc	b. c. o	adp. bc	3.8								
Portland Bill ...	1016.0	47	SSE	3	o	1017.1	+4	47	0	WNW	4	-	ce	2	52	43	oc	co	c	-								
Dunegness ...	1017.2	46	SW	3	b	1016.3	0	45	+2	WNW	3	-	o	3	49	42	c	e. bc	e. c. o. p. c	-								
Wick ...	1009.4	38	SW	2	bc	1007.8	0	34	-5	SW	1	-	cm	1	Trace	44	33	om	om. bcm	bc. omd	-							
Nairn ...	1011.4	40	-	0	C	1010.0	8	35	+2	W	1	-	cg	1	0.4	44	33	b. cm	cg. m	cg. p	0.9							
Leith ...	1014.2	42	SW	1	c	1011.2	0	39	+1	W	2	-	o	2	1	46	36	cm. o. c	cg. c	c. bep. o	-							
Tynemouth ...	1016.9	45	W	1	f	1013.1	0	40	+5	W	1	-	f	1	-	45	35	f	f	f. cm	-							
Spurn Head ...	1016.8	41	SSE	3	f	1012.5	0	41	+2	WNW	3	-	f	3	0.4	43	35	cm	f. cm	f	-							
Yarmouth (Gorleston)	1017.4	42	S	1	C	1014.7	0	44	+4	WNW	1	-	cm	2	1	47	37	cmf	f. cm	cm. of	0.0							
Clacton-on-Sea	1017.0	45	SSE	1	C	1015.8	0	45	+2	WSW	3	-	ogm	2	1	48	42	ogm	ogm. pe	c. ogm	0.2							
Nottingham ...	1016.0	46	SSE	1	otf	1016.1	8	42	+7	NW	3	-	c	1	50	34	om	cat	ome	0.5								



# SUMMARY OF CONDITIONS AT 7 A.M. Thursday, 26th February, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	W 2-15	R. Mild	Dull, misty: local fog	Indiff	Slight
2. E. England	W 2-10	"	Fair to dull misty	"	Smooth
3. E. Midlands	W 5-10	"	Fair to dull	"	"
4. W. Midlands	W 5-10	Med.	Fair to dull	"	"
5. S.W. England	WNW 10-15	"	Fine to cloudy	Good	V. smooth
6. South Wales	NNW 5-10	"	Fine to fair	"	Smooth
7. North Wales	W 10-20	"	Fair	Fair	Mod.
8. N.W. England	W 5-10	"	Fair, misty	Indiff.	Smooth
9. N. Midlands	NW 5-10	"	Cloudy	"	"
10. N.E. England	WNW 0-5	"	Fair to dull, local fog	"	Smooth
11. E. Scotland	W 0-5	Normal	Dull, misty	Poor	"
12. S.W. Scotland	W 0-10	"	Dull	Indiff	"
13. Isle of Man	W 0-5	"	Fair	Fair	Slight
14. N. & N.W. Scotland	W 0-5	R. Cold	Dull	Poor	Smooth
15. Hebrides	W 10-15	"	Passing showers	"	Slight
16. Orkneys and Shetlands	W 0-5	Normal	Fair	Fair	V. smooth
17. N.W. Ireland	W-NW 5-10	"	Fair, misty	Indiff	Slight
18. N.E. Ireland	W-NW 0-10	"	Dull, slight mist, some showers	"	"
19. S.E. Ireland	NW-N 0-5	"	Dull,	Fair	"
20. S.W. Ireland	NW 5-10	"	Dull, passing showers	Good	"



## GENERAL INFERENCE from observations received up to 9 A.M.

An anticyclone appears to be spreading over the British Isles from the SW. It is therefore probable that W to NW winds will prevail for a time, accompanied by cloudy to fair weather generally. Occasional showers are, however, still likely in the NW and N.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn at intervals of two millibars.  
**WIND.**—Direction is shown by the arrow flying with the wind. Force, on the Beaufort scale, is indicated by the number of feathers. Mean velocity is shown in degrees per hour by figures given in degrees.  
**TEMPERATURE.**—Isobars are drawn at intervals of two degrees.  
**WEATHER SYMBOLS.**—  
 ☉ clear sky. ☁ sky & clouds. ☂ rain. ☄ overcast sky. ☇ rain & snow. \* snow. ▲ hail. ☌ thunder. ☌ thunder.  
**SEA DISTURBANCE.**—  
 Rough. High sea.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Thursday, 26th February, 1920.
1. S.E. England	Wind between W and NW, light or moderate. Mainly cloudy, brighter intervals. Visibility improving, finally good. Temperature falling somewhat.
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 between NW and W, light or moderate. Cloudy or dull generally, some local showers, sleet or snow in places. Visibility fair to good. Rather colder.
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	Wind W or NW, light or moderate, backing later. Fair to cloudy, visibility good. Rather colder.
19. S.E. Ireland	
20. S.W. Ireland	

**Further Outlook.**  
 Wind NW to W or SW. Fair generally, then becoming unsettled again.



Barometer **LOW**

Nautical Miles. 100 0 100 200

Statute Miles. 100 0 100 200

Scale - 1:10,000,000





# AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No 57...B

THURSDAY  
26<sup>th</sup> FEBRUARY

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR .....																		
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night.	Day.	Sunrise to Sun- set.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night.	Day.	Sunrise to Sun- set.	
						18h-9h.	9h-18h.								2h-25 <sup>h</sup>	25 <sup>h</sup>		2h-25 <sup>h</sup>
						mm.	mm.	25 <sup>h</sup>							mm.	mm.	25 <sup>h</sup>	
Scotland.	Oban ... ..	c.o.	c.o.	45	34	-	-	0.6	England, N.W.	Douglas (I.O.M.)								
	Banff ... ..	bc.	bc.c.o.	49	31	-	-	5.4		Blackpool ... ..	cm.	cm	48	34	-	-	0.0	
	Montrose ... ..									Southport ... ..	c.o.c.o	o.c.of.	48	37	-	-		
	St. Andrews ... ..	*	*	46	33	-	-	3.5										
England, N.E.	Harrogate ... ..	c.o.	2.o.	45	32	-	-	0.0	Midlands.	Buxton ... ..								
	Scarborough ... ..	of.	of.	48	34	-	-	0.9		Leamington Spa...	*	*	48	32	-	-	0.8	
	Skegness ... ..	om	om	41	36	-	-	0.2		Malvern ... ..	o	o	44	39	-	-	0.2	
										Ross-on-Wye ... ..	of.	f.cm	47	33	-	-	0.0	
England, E.	Lowestoft ... ..	bc.f.c.o.	of. om.	49	35	-	0.4	1.1	Wales.	Rhyl ... ..	ch.	h.	49	34	-	1	0.8	
	Felixstowe ... ..	c.f.	c.g.h.f.	47	35	-	0.3	0.1		Colwyn Bay ... ..	*	*	46	37	-	1	1.6	
	Southend-on-Sea...	fe.o.	o.c.bc.	50	36	-	-	0.4		Llandudno ... ..	o.c.	of	49	37	-	-	1.7	
										Aberystwyth ... ..	o.c.o	f.o.c.	49	45	-	1	0.0	
England, S.E.	Tunbridge Wells	c. of.	o.c.o.	54	36	-	0.3	0.9	England, S.W.	Weymouth ... ..	c	ch.o.	54	40	-	0.4	1.9	
	Margate ... ..	c	c	52	40	-	-	0.1		Teignmouth ... ..	o. bc.	bc	51	39	0.3	1	0.8	
	Ramsgate ... ..	bc	bc	50	40	-	-	0.1		Torquay ... ..	c. bc.	b.c.p.c	54	40	0.1	0.3	1.6	
	Folkestone ... ..	u.m.o.	o.c.	50	41	-	-	0.3		Paignton ... ..	of.	b.c.p. bc.	55	38	-	Trace	1.8	
	Hastings ... ..	u.o. bc.	o. bc.	50	43	0.2	-	2.0		Penzance ... ..	of.c.	c. bc.	54	45	2	-	2.0	
	Eastbourne ... ..	o.c.	c. bc.c.o.	50	36	-	-	2.3		Newquay ... ..	o	o.c. bc. b.	52	41	0.2	-	1.1	
	Brighton ... ..	o	c. bc.o	51	37	-	-	3.0		Bude ... ..	of.	of	53	38	-	3	0.1	
	Worthing ... ..	o. bc.	bc.o.	53	37	-	-	0.0		Ilfracombe ... ..	c. bc.	bc.c. of	54	41	1	0.3	1.0	
	Littlehampton ... ..									Weston-s-Mare ... ..	a. c. bc.	of	52	37	-	0.3	0.4	
	Bournemouth ... ..	*	*	52	34	0.3	-	1.7		Bath ... ..	m.o.c.	c. of.	54	37	-	0.3	0.9	
	Ventnor (I. of W.)	*	*	53	43	-	-	3.3										

SUMMARIES FOR PAST 24 HOURS.												THE BEAUFORT SCALE OF WIND FORCE. Used only for surface observations.		
STATIONS.	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	RAINFALL.		Sun. Hours.				
	7h-12h 25 <sup>th</sup>	12h-18h 25 <sup>th</sup>	18h-24h 25 <sup>th</sup>	1h-7h 26 <sup>th</sup>				Day. 7h-18h mm.	Night. 18h-7h mm.					
Eskdalemuir ... ..	of. om.	cm	cm. b. m. of.	fe. om.	41	28	22	-	0.3	0.3	<b>BEAUFORT NOTATION.</b> b blue sky (not more than a quarter covered). bc sky partly cloudy (one half covered). c generally cloudy (three quarters covered). d drizzle, or fine rain. e wet air without rain falling. f fog. g gloom. h hail. i lightning. m mist. o overcast sky. p passing showers. q squalls. r rain. rs sleet, i.e., rain and snow together. s snow. t thunder. u ugly, threatening sky. v unusual visibility. w dew. x hoar frost. y dry air; humidity less than 60 per cent. z dust haze; the turbid atmosphere of dry weather.			
Valencia (Cahirciveen) ... ..	c. of. z.	ca. bz.	ca. bz.	bz. cp.	48	37	34	2	1	1.9				
Baldoniel ... ..	of.	r. ef.	ca. f.	ca. of.	44	33	*	*	*	*				
Anglesey (Llangefni) ... ..	of. of.	bc. bz.	bc. bz.	bc. bz.	55	43	37	1	-	2.2				
Falmouth ... ..	om. of. p.	com.	om.	b. bc. of.	53	36	*	*	*	*				
Calshot (Hants) ... ..	om. of. p.	com.	om.	b. bc. of.	53	36	*	*	*	*				
Lympne (Folkestone) ... ..	om. of. p.	com.	om.	b. bc. of.	53	36	*	*	*	*				
Aberdeen ... ..	bf. bz.	bz.	bz. opm.	bz. opm.	46	31	27	-	0.2	5.6				
East Fortune ... ..	c. m.	c. oz.	or.	o. if.	45	38	*	*	*	*				
Flemborough Head ... ..	om. g.	om. pd.	om. pd.	om. pd.	46	43	*	*	*	*				
Felixstowe ... ..	om. g.	om. pd.	om. pd.	om. pd.	46	43	*	*	*	*				
Cranwell (Lines) ... ..	of. c.	om. pd.	om. pd.	om. em.	46	36	*	*	*	*				
Shoeburyness ... ..	bc. of. m.	om. cm.	om. cm.	om. cm.	50	30	37	0.1	-	0.2				
Benson ... ..	om.	bo.	bo.	bo.	51	32	29	-	0.4	*				
London (Kew Obs.) ... ..	of. ew.	of. em.	of. em.	of. em.	52	35	38	1	0.1	0.1				
Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=slight, 2=heavy. Underlining is used to express continuity.												<b>SYMBOLS—</b> Aurora ☆ Solar halo Rime ☐ Lunar halo Glazed frost ☉ Solar corona Glazed roads ☾ Lunar corona		

LONDON. OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).		TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.											
WEATHER.										HUMIDITY %													
Morning.			Afternoon.			Night.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	15 h. G.M.T.	9 h. G.M.T.								
24 HOURS ENDED 9H G.M.T. ....										YESTERDAY.		TO-DAY.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.		26 <sup>th</sup> AND 27 <sup>th</sup> FEBRUARY 1920							
																Stations.		Sunrise.		Noon.		Sunset.	
																G.M.T.		G.M.T.		G.M.T.		G.M.T.	
Greenwich (Royal Observatory)										0.4		79		85		Yarmouth...		6.49		12.6		5.23	
City (Bunhill Row) ... ..										0.0		77		86		Greenwich		6.54		12.13		5.33	
Westminster (St. James's Park)										0.0		77		86		Wick ...		7.18		12.25		5.34	
" (Admiralty Arch)										0.1		77		86		Valencia ...		7.35		12.54		6.18	
Camden Sq. (British Rainfall)										1		97		88		Total ... 158 ... Joules.							
Kennington Palace ... ..										1		94		92		Average Rate. 4.1							
Hampstead Obs.										0.0		93		93		Maximum Rate. ?							

## NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose to 50° and above in the S and SW of England, but in the N and NE, the maximum was considerably lower. Slight frost occurred at night in Scotland and a few parts of England. Little Sunshine was recorded except at some Scottish stations and Scilly. Rain was experienced in most districts, the largest measurements being 7mm at Holyhead and 5 mm at Lerwick and Rothes Point.





## AIR MINISTRY.

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

BRITISH SECTION.

No. 2,281 B

FRIDAY, 27<sup>TH</sup> FEBRUARY, 1920.

## OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 10H AND 12H.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 15H AND 19H.																																		
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND. Direc. Force 0-12.	Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Form.	Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND. Direc. Force 0-12.	Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Form.	Sea 0-9.												
13H. G.M.T. OF 26 <sup>th</sup>												18H. G.M.T. OF 26 <sup>th</sup>																						
Eskdalemuir ...	1014.8	0	WSW	5	c	42	65	8	2-3000	St Cu	8	-	-	*	1015.0	0	WSW	5	o	38	75	8	-	St Cu	10	-	-	*						
Valencia (Cahire'n)	1023.4	+2	W	3	c	47	78	8	3-4000	cu	8	-	-	3	1025.4	0	WSW	3	ov	46	75	9	3-4000	St Cu	9	-	-	3						
Baldonnel ...	1021.5	0	W	6	cy	46	75	6	2-3000	St Cu	5	ci-st	3	*	1021.8	+2	W	4	cy	44	82	8	2-3000	St Cu	4	A cu	3	*						
Anglesey (Llangefni)	1024.9	+2	NW	5	bc	51	65	7	-	cu	5	-	-	*	1026.4	+2	WNW	3	o	47	75	7	-	St Cu	9	-	-	*						
Falmouth ...	1022.2	+4	NNW	4	b	50	75	7	2-3000	cu	3	-	-	2	1023.6	+4	NNW	4	b	48	82	8	-	-	-	-	2							
Calshot (Hants) ...	1009.8	-1	W	4	b	45	45	8	-	cu	2	-	-	3	1009.1	-1	W	3	8	39	65	7	-	St Cu	2	-	-	3						
Lymington (Folkestone)	1014.1	0	WNW	6	bc	48	65	9	4-5000	cu	3	ASt	2	*	1016.6	+4	WSW	5	b	44	75	7	3-4000	St Cu	2	ASt	1	*						
Aberdeen ...	1018.6	+2	W	5	b	48	65	6	2-3000	cu	3	-	-	*	1021.2	+4	WSW	3	b	45	65	5	3-4000	St Cu	1	-	-	3						
East Fortune ...	1018.0	0	WNW	6	om	47	82	6	1-1500	St Cu	9	-	-	*	1020.6	+4	W	4	b	48	65	7	2-3000	cu	2	A cu	1	*						
Flamborough Hd.	1018.4	+3	NE	2	b	47	65	7	4-5000	cu	3	-	-	*	1021.0	+3	W	1	c	48	65	7	3-4000	cu	5	A cu	2	*						
Felixstowe ...	1019.4	+2	NW	4	cu	49	65	6	-	-	-	-	-	*	1022.3	+3	W	1	b	44	75	9	-	-	-	-	*							
Cranwell (Lincoln)	1019.8	+3	NW	3	b	50	65	6	4-5000	cu	3	-	-	*	1022.1	+2	NNW	2	b	47	75	5	-	Fr Cu	3	-	-	*						
Shoeburyness ...	1012.0	-4	WSW	6	opq	40	92	6	-	Nb	10	-	-	*	1011.8	+1	NW	6	cp	38	87	6	-	cu Nb	7	-	-	2						
Benson ...	1023.8	-3	SSW	2	bc	49	*	*	*	*	*	*	*	2	1022.7	0	WSW	4	or	50	98	5	2-500	St	10	-	-	3						
London (Kew Obs.)	1024.2	-1	W	4	oq	42	92	+	2-3000	St	10	-	-	*	1017.5	-2	WSW	4	orq	48	98	3	2-500	St	10	-	-	*						
1H. G.M.T. OF 27 <sup>th</sup>												7H. G.M.T. OF 27 <sup>th</sup>																						
Eskdalemuir ...	1012.0	-4	WSW	6	opq	40	92	6	-	Nb	10	-	-	*	1011.8	+1	NW	6	cp	38	87	6	-	cu Nb	7	-	-	2						
Valencia (Cahire'n)	1023.8	-3	SSW	2	bc	49	*	*	*	*	*	*	*	2	1022.7	0	WSW	4	or	50	98	5	2-500	St	10	-	-	3						
Baldonnel ...	1024.2	-1	W	4	oq	42	92	+	2-3000	St	10	-	-	*	1017.5	-2	WSW	4	orq	48	98	3	2-500	St	10	-	-	*						
Anglesey (Llangefni)	1027.6	-1	W	3	bc	47	75	7	-	St	5	-	-	*	1027.5	0	WSW	4	b	44	87	7	-	St	1	-	-	*						
Falmouth ...	1025.0	+2	W	3	o	49	87	6	15-2000	St	10	-	-	3	1022.5	-4	W	4	o	45	92	8	1-1500	St	10	-	-	1						
Calshot (Hants) ...	1007.5	+5	WNW	5	b	36	75	8	-	-	-	-	-	*	1007.5	+5	WNW	5	b	36	75	8	-	-	-	-	3							
Lymington (Folkestone)	1009.7	-4	WSW	6	oq	43	82	8	12-2000	St	10	-	-	*	1009.7	-4	WSW	6	oq	43	82	8	12-2000	St	10	-	-	2						
Aberdeen ...	1018.2	-5	WSW	5	orm	42	87	5	2-3000	St	10	-	-	*	1018.2	-5	WSW	5	orm	42	87	5	2-3000	St	10	-	-	2						
East Fortune ...	1018.3	-5	W	6	oq	42	92	6	15-2000	St	10	-	-	*	1018.3	-5	W	6	oq	42	92	6	15-2000	St	10	-	-	2						
Flamborough Hd.	1019.1	-3	SW	5	c	43	82	7	2-3000	St	6	ASt	2	*	1019.1	-3	SW	5	c	43	82	7	2-3000	St	6	ASt	2	*						
Felixstowe ...	1019.5	-4	WSW	4	o	43	87	6	-	St	10	-	-	*	1019.5	-4	WSW	4	o	43	87	6	-	St	10	-	-	*						
Cranwell (Lincoln)	1020.5	-5	WSW	4	o	43	82	5	2-3000	St Cu	4	ASt	6	*	1020.5	-5	WSW	4	o	43	82	5	2-3000	St Cu	4	ASt	6	*						
Shoeburyness ...	1000.0	28	W	4	bcu	99.8	+10	32	-8	NW	6	-	-	omq	5	4	42	30	bcp	bcu	omq	*												
Benson ...	1006.4	37	W	3	or	1012.8	+8	39	+3	NNW	4	-	-	c	3	8	42	34	c bcp	bcu	c bcp	3.7												
London (Kew Obs.)	1011.1	43	W	4	op	1015.5	+3	41	41	NNW	3	-	-	bc	3	2	43	36	c bcp	bcu	op bc	3.7												
Anglesey (Llangefni)	1013.5	40	WSW	4	c	1011.8	+4	39	0	WNW	3	-	-	bc	3	1	44	37	c bcp	bcu	op bc	5.6												
Falmouth ...	1014.4	44	W	4	c	1013.8	0	43	+2	WNW	4	W	0	4	4	45	39	bc	bcu	or	5.4													
Calshot (Hants) ...	1019.7	45	WNW	3	bc	1016.5	+1	49	+8	WNW	2	-	-	omd	2	12	49	39	bc	bcu	or omr	*												
Lymington (Folkestone)	1025.0	46	WNW	2	c	1023.1	-2	49	+8	W	3	-	-	bc	3	0.3	51	40	oe	c bc c	op bc	*												
Aberdeen ...	1022.4	43	W	2	c	1019.3	*	46	+7	W	1	-	-	n	*	2	47	37	bcp	c	odr	6.2												
East Fortune ...	1017.5	43	W	4	cu	1015.0	-3	43	+4	WSW	2	-	-	omd	2	1	48	37	bcu	bcu	omd	*												
Flamborough Hd.	1019.5	43	W	5	b	1013.9	-4	44	+5	W	6	W	oq	5	0.3	49	39	b	b	oq	5.1													
Felixstowe ...	1020.8	48	WSW	4	b	1016.4	-5	44	+2	WSW	5	-	-	opq	4	2	48	42	ch bc b	b bc b	bq bcu	6.5												
Cranwell (Lincoln)	1024.7	45	WSW	3	bc	1022.8	-2	46	+2	WSW	4	-	-	o	4	-	48	43	bcu	bcu	bcu c o	8.0												
Shoeburyness ...	1027.0	48	WNW	3	bc	1026.4	-1	46	-4	W	5	-	-	b	5	-	52	46	c bc b	b bc	c bc b	9.2												
Benson ...	1025.8	48	WNW	2	b	1026.8	0	46	-1	W	4	W	bc	3	Trace	53	44	bc b	b	bcu bcu	7.1													
London (Kew Obs.)	1023.2	48	WNW	3	bc	1023.0	-2	47	0	W	5	-	-	o	4	-	50	44	c bc	bc	o	*												
Liverpool (Bidston)	1020.9	45	W	3	b	1020.8	-2	43	-2	WSW	4	W	c	3	-	52	39	c	bc	bc	b bc	*												
Holyhead ...	1003.9	36	W	3	cu	1009.0	+5.7	37	+3	NW	4	-	-	bcu rs	3	5	43	32	c bcu	cu bcu	cp bcu	*												
Pembroke (St. Ann's Head)	1007.4	37	WNW	3	bc	1009.6	*	34	-1	NNW	7	-	-	cgy	4	2	43	33	bc	p bcu	bcu hp	6.3												
Scilly (St. Mary's)	1011.9	41	W	2	c	1010.4	+2	41	+2	NW	3	NW	c	3	1	45	39	c bc c	c bc c	cp c bc	*													
Jersey (St. Aubin)	1014.8	42	W	3	m	1009.3	0	42	-2	W	4	-	-	om	3	1	45	39	bcu	bcu	om c bc	*												
Portland Bill ...	1017.5	42	W	5	bc	1012.1	-4	42	+1	WSW	6	-	-	cq	5	46	36	bcu	bcu	bcu	4.2													
Dungeness ...	1018.5	40	NW	3	bc	1015.9	-4	41	-3	WNW	4	-	-	omq	3	-	50	38	bcu	bcu	bcu bcu	3.7												
Wick ...	1020.6	47	WNW	3	c	1018.4	-4	42	-3	WSW	4	-	-	og	3	-	50	38	og cu	c bc og	c bc	6.1												
Nairn ...	10																																	

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ Langrads at 10.



# SUMMARY OF CONDITIONS AT 7 A.M. Friday, 27th February, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW-W. 10-20.	R. mild.	Cloudy, some slight rain.	Good.	Mod.
2. E. England	SW-W. 20-30.	"	Dull, squally, some drizzle.	Fair.	Slight.
3. E. Midlands	W. 10-20.	"	Dull.	"	-
4. W. Midlands	SW-W. 10-20.	"	Dull.	Good.	-
5. S.W. England	SW-W. 10-20.	Normal.	Mainly fine.	"	Mod.
6. South Wales	SW-W. 10-15.	R. mild.	Dull.	"	"
7. North Wales	SW-W. 10-20.	"	Dull, squally, rainy.	Fair.	"
8. N.W. England	W-NW. 20-30.	"	Dull, squally, rainy.	"	"
9. N. Midlands	W. 15-25.	"	Dull.	"	-
10. N.E. England	SW-W. 20-30.	"	Dull, squally.	Good.	Slight.
11. E. Scotland	NW-W. 20-30.	Normal.	Fine to fair.	"	"
12. S.W. Scotland	NW-W. 15-25.	R. mild.	Dull to fair, showery.	Fair.	Smooth.
13. Isle of Man	W. 10-20.	"	Dull.	"	Mod.
14. N. & N.W. Scotland	NW. 10-20.	Normal.	Fair to dull, some mist and sleet.	Good.	Slight.
15. Hebrides	NW. 10-15.	"	Dull.	"	Mod.
16. Orkneys and Shetlands	NW. 20-30.	Cool.	Dull, squally, some snow.	Fair.	r. rough.
17. N.W. Ireland	W-NW. 5-15.	Mild.	Dull, misty, rain locally.	Indiff.	Slight.
18. N.E. Ireland	SW-NW. 5-15.	r. mild.	Dull.	"	"
19. S.E. Ireland	W. 0-10.	Mild.	Fair to dull, showers.	Fair.	"
20. S.W. Ireland	SW-W. 10-15.	"	Dull, light rain.	Indiff.	"

GENERAL INFERENCE from observations received up to 9 A.M.

Small secondary depressions moving Eastward over the British Isles will cause local showers, accompanied by West to North-West winds. It is probable, however, that further depressions will arrive from the Atlantic before 36 hours have elapsed and bring the wind into the South-West again.

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

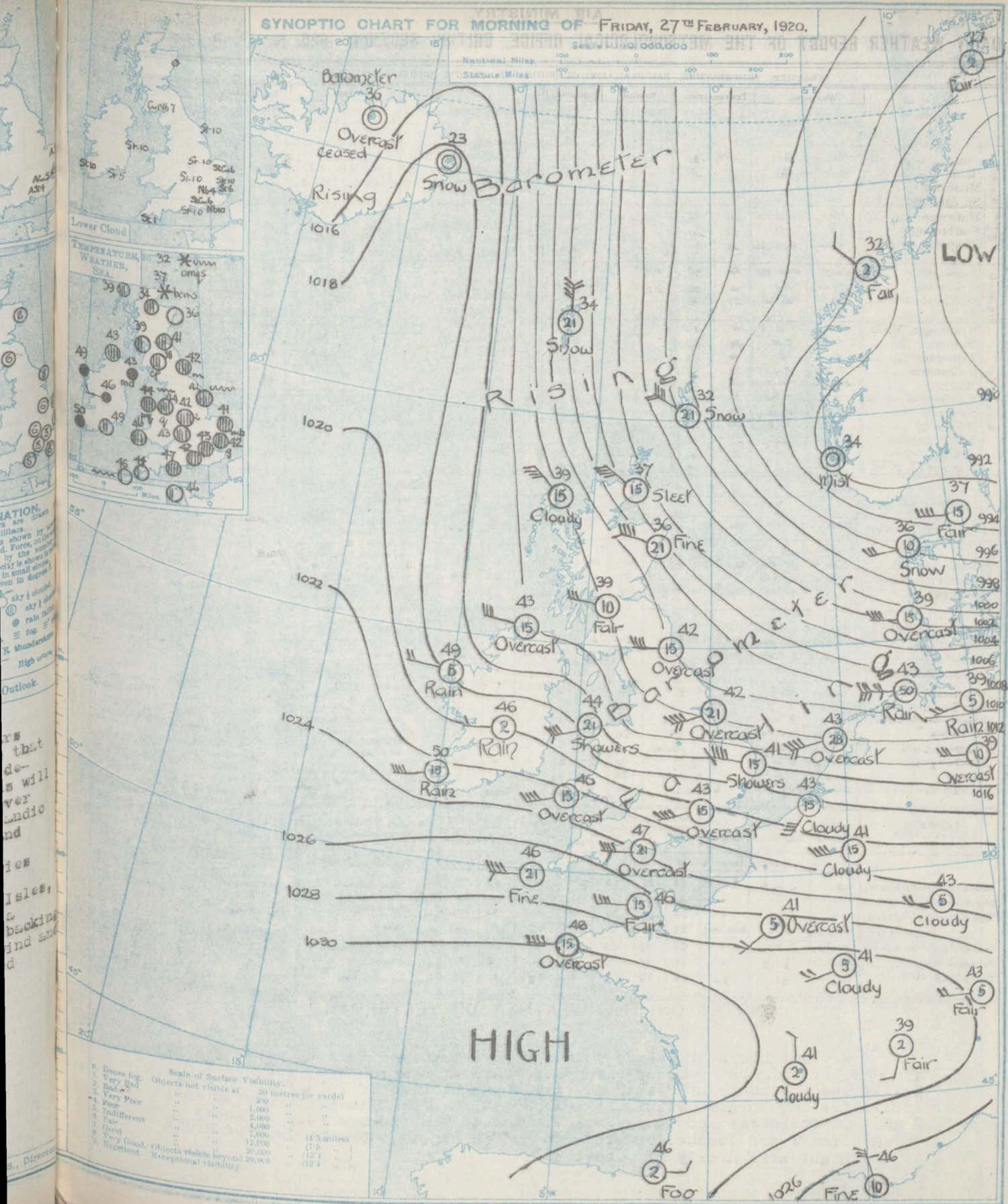
Further Outlook.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Friday, 27th February, 1920.
1. S.E. England	Wind West or North-West, moderate to light. Cloudy or variable sky, some showers locally. Visibility rather good generally. Temperature falling temporarily. Local frost at night inland.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Wind North-West, moderate or light, backing to West or South-West later; changeable, some showers of snow, sleet or rain. Visibility mainly fair. Colder temporarily, frost locally at night.
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 West and South-West, light or moderate. Changeable, some showers, hail locally. Visibility fair. Rather colder, then milder again.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

It appears probable that further depressions will appear over the Icelandic region and further secondaries over the British Isles, causing a general backing of the wind and unsettled weather.



SYNOPTIC CHART FOR MORNING OF FRIDAY, 27<sup>TH</sup> FEBRUARY, 1920.





Friday.  
12<sup>th</sup> February.

Ven. nor (1. or v.)

32

43

48

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.	RAIN FALL.		Sun. Hours.			No.	Limits of Velocity at about 30 feet above ground.	
	7h-13h...	13h-18h...	18h...-1h...	1h-7h...				Day, 7h-13h mm.	Night, 13h-7h in.		Statute miles per hour.	Miles per second.			
Eskdalemuir ...	c bc c	cg ofr	cg ofr	op of cp	43	34	35	Trace	4	5.5	b blue sky (not more than a quarter covered).	0	Less than 1	Less than 0.3	
Valencia (Cahroeveen) ...	o bc c	bc bc	c	c	51	44	42	-	1	2.3	bc sky partly cloudy (one half covered).	1	1-3	0.3-1.5	
Baldonnel ...	g	bc cr	q	rq	48	41	*	*	*	*	c generally cloudy (three quarters covered).	2	4-7	1.5-5.3	
Anglesey (Llanegwini) ...							*	*	*	*	d drizzle, or fine rain.	3	8-12	5.4-7.9	
Falmouth ...	b bc	bcy om	oc bc	bc b	54	41	39	-	-	7.5	e wet air without rain falling.	4	13-18	8.0-10.7	
Calshot (Hants) ...	o bc c	b bc	b bc	c of	51	38	37	-	*	5.7	f fog, g gloom.	5	19-24	10.8-13.8	
Lympne (Folkestone)							*	*	*	*	h hail, i lightning.	6	25-31	13.9-17.1	
Aberdeen ...	cmbr	br y		bc op b	45	35	31	-	1	5.3	m mist, o overcast sky.	7	32-39	17.2-20.7	
East Fortune ...							*	*	*	*	p passing showers.	8	39-46	20.8-24.4	
Framborough Head ...	bc o	b bc	c	o	48	38	*	*	*	*	q squalls, r rain.	9	47-54	24.5-28.4	
Felixstowe ...	om bc	bc c bc			50	38	*	*	*	*	s sheet, i.e., rain and snow together.	10	55-63	28.5-33.5	
Cranwell (Lines) ...	om bc	b bc om		o om	-	-	*	*	*	*	x snow, t thunder.	11	64-75	33.6 or above	
Sheeburyness ...	om bc	b bc c		c	52	37	33	*	*	3.6	u ugly, threatening sky.	12	Above 75		
Bensor ...	c bc	b		b o	50	35	26	-	-	*	v unusual visibility.				
London (Kew Obsy.) ...	om bc	b		b bc c o	51	39	30	-	Trace	4.4	w dew, x hoar frost.				
											y dry air; humidity less than 50 per cent.				
											z dust haze; the turbid atmosphere of dry weather.				

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

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

NOTES ON THE WEATHER OF YESTERDAY.

Several hours of bright sunshine were recorded in most parts of the Kingdom, the highest records being 8.2 hours at Rosu-on-Wye, 9.2 hours at Seilly and 9.4 hours at Penzance. Slight quantities of rain fell in many localities and larger amounts at some Northern and North-Western stations; 8 mm. at Stornoway and 12 mm. at Blacksod. Temperature rose to above 45° generally and touched or exceeded 50° in places. The minimum readings of the night were nearly all above 32°.





## AIR MINISTRY.

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

BRITISH SECTION.

No. 2124-B

SATURDAY, 28<sup>th</sup> FEBRUARY, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 12H.																																		
STATIONS.	BAROM.	Change	WIND.		WEATHER.	TEMP.	HUMIDITY.	Visibility.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea.	BAROM.	Change	WIND.		WEATHER.	TEMP.	HUMIDITY.	Visibility.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea.						
	at M.S.L.	in 3 hours.	Dir.	Force 0-12.		°F.				Form.	Am't. 0-10.	Form.	Am't. 0-10.		0-9.	mb.	in 3 hours.	Dir.		Force 0-12.				°F.	%	0-10.	Feet.		Form.	Am't. 0-10.	Form.	Am't. 0-10.	0-9.	
13H. G.M.T. 27th												18H. G.M.T. OF 27th																						
Eskdalemuir ...	1015.5	+6	NNW	4	bys	42	35	7	2-3000	St. Cu	1	Cu. St	1	1024.4	+6	N	2	c	35	65	8	-	-	-	-	-	Cu. St	7	1					
Valencia (Cabrén)	1023.2	+1	SW	5	0	52	58	4	500	St	10	-	-	2	1024.5	+3	WSW	3	od	51	98	3	<500	St	10	-	-	-	4					
Baldonnel ...	1021.9	+5	NE	2	0	44	58	3	4500	St	10	-	-	1	1023.6	+3	E	3	0	44	92	5	1-1500	St	10	-	-	-	1					
Anglesey (Llangefni)	1025.4	-1	N	6	0	52	82	5	-	St. Cu	10	-	-	1	1025.4	+2	W	3	ocm	50	92	2	-	-	10	-	-	-	1					
Falmouth ...	1021.0	-2	N	6	0	52	75	8	1-2000	St. Cu	10	-	-	3	1023.4	+4	NNW	3	0	49	98	6	1-1000	St. Cu	10	-	-	-	1					
Lympne (Folkestone)	1015.7	+9	NNW	5	b	42	15	8	-	Cu. St	1	-	-	4	1022.6	+9	NW	2	b	37	75	7	-	-	-	Cu	1	Cu	2	3				
Aberdeen ...	1012.8	+4	NNW	4	bc	43	65	8	2-3000	St	2	Cu. St	3	1019.5	+7	NNW	6	b	40	75	6	-	-	-	-	As	3	-	1					
East Fortune ...	1016.1	-1	WSW	5	0	47	92	3	1-1000	Nb	3	-	-	4	1023.3	+11	WSW	3	b	39	75	8	-	-	-	Cu. St	2	4	1					
Flamberg Hd.	1017.8	-4	NNW	4	c	46	75	6	3-4000	St. Cu	8	-	-	1	1023.8	+7	NNW	2	b	38	84	8	-	-	-	As	2	1	1					
Felixstowe ...	1017.2	-1	N	3	0	47	82	4	1-1000	St	8	As	2	1021.0	+6	NR	1	bc	49	82	7	5-7000	St	2	Cu	3	1	1	1					
Cranwell (Lines)	1018.1	-1	W	4	0	49	92	4	-	-	-	-	-	1	1023.2	+5	W	1	0	44	87	4	-	-	10	-	-	-	1					
Shoeburyness ...	1018.3	-2	N	4	0	50	82	5	2-3000	St. Cu	10	-	-	1	1023.5	+7	NW	1	cm	46	87	4	4-5000	St. Cu	3	As	4	1	1					
Benson ...	1H. G.M.T. OF 28th												7H. G.M.T. OF 28th																					
Essex (M.O. at In.)	1027.0	0	-	0	0	24	92	6	-	-	-	Cu. St	9	1023.3	-4	SW	5	om	36	82	3	-	-	-	-	As	10	-	1					
Anglesey (Llangefni)	1025.8	0	WSW	2	omd	50	*	*	*	*	*	*	*	1026.3	0	SW	3	od	50	98	5	1-1000	St	10	-	-	-	-	3					
Falmouth ...	1025.7	+1	-	0	0	43	98	3	1-1000	St	10	-	-	1	1024.8	0	SW	4	od	48	98	3	2-3000	St	10	-	-	-	-					
Calshot (Hants) ...	1027.9	0	WNW	2	ocm	49	92	4	-	Nb	10	-	-	1	1028.3	+1	-	0	om	49	92	3	-	-	Nb	10	-	-	-					
Lympne (Folkestone)	1027.9	+3	E	4	b	46	87	6	2-3000	St	3	-	-	3	1029.9	+1	SE	4	bc	45	7	8	-	-	St	6	-	-	3					
Aberdeen ...	1016.3	-3	S	3	or	37	75	4	-	Nb	10	-	-	2	1016.3	-3	S	3	or	37	75	4	-	-	Nb	10	-	-	2					
East Fortune ...	1025.0	+4	NW	3	bc	34	67	6	2-3000	St. Cu	4	As	2	1025.0	0	SW	5	b	35	82	5	2-3000	St. Cu	2	As	1	1	1						
Flamberg Hd.	1031.0	+1	SSW	1	c	30	87	4	7-9000	?	4	As	3	1031.0	+1	SSW	1	c	30	87	4	7-9000	?	4	As	3	3	1						
Felixstowe ...	1028.2	-1	SSW	3	c	34	75	6	5-7000	St	2	As	5	1028.2	-1	SSW	3	c	34	75	6	5-7000	St	2	As	5	1	1						
Cranwell (Lines)	1030.6	+1	WSW	1	bcmx	26	75	6	-	St. Cu	8	Cu	1	1030.6	+1	WSW	1	bcmx	26	75	6	-	-	St. Cu	8	Cu	1	1						
Shoeburyness ...	1029.1	+1	S	2	0	35	82	6	-	St. Cu	1	As	1	1029.1	+1	S	2	0	35	82	6	-	-	St. Cu	1	As	1	1						
Benson ...	1030.8	+1	SSW	1	bmx	30	92	1	4-5000	St. Cu	1	As	1	1030.8	+1	SSW	1	bmx	30	92	1	4-5000	St. Cu	1	As	1	1	1						
London (Kew Ob.)	1029.5	+3	4	4	4	4	4	4	4	4	4	4	4	1029.5	+3	4	4	4	4	4	4	4	4	4	4	4	4	4	4					
STATIONS CONTRIBUTING REPORTS AT 7H AND 12H.																																		
STATIONS.	BAROM.	TEMP.	WIND.		WEATHER.	BAROMETER.		TEMPERATURE.		WIND.		Dir. of Upper Cloud.	Weather.	Sea.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.													
	at M.S.L.	°F.	Dir.	Force 0-12.		at M.S.L.	Change in 3 hours.	°F.	Change in 24 hours.	Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.														
18H. G.M.T. OF 27th												7H. G.M.T. OF 28th												24 HOURS ENDED 7H. 28th										
Lerwick ...	1017.2	38	NNW	2	bc	1010.5	0	38	+6	S	7	omp	2	2	41	31	omp	bc	omp	bc	omp	bc	omp	bc	omp	bc	omp	bc	omp	bc				
Stornoway ...	1021.2	44	N	3	bc	1012.5	+1	37	-2	SW	7	-	op	3	3	48	36	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc					
Castellbay (Barra)	1022.7	42	E	2	c	1015.3	-2	49	0	SW	4	-	or	4	2	49	40	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc					
Glasgow ...	1023.7	41	ENE	2	bc	1021.7	-3	39	0	SW	3	-	od	4	0.1	46	32	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc					
Main Head ...	1022.4	40	E	2	bc	1017.8	-1	42	-1	SSW	4	S	c	7	-	46	37	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc					
Blackod Point ...	1019.9	50	SSW	2	om	1024.0	-1	49	0	SW	2	-	om	3	1	51	45	om	om	om	om	om	om	om	om	om	om	om	om					
Roche's Point ...	1024.0	52	-	0	0	1026.4	0	50	+1	-	0	-	0	1	0.1	56	47	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc					
Birr Castle ...	1022.4	50	NW	1	n	1024.9	*	50	+4	SW	1	-	0	1	0.1	52	46	or	or	or	or	or	or	or	or	or	or	or	or					
Donaghadee ...	1020.4	42	NNE	3	bc	1022.9	-1	43	0	SW	2	-	ome	1	0.4	48	34	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc					
Liverpool (Bidston)	1023.9	41	NNW	1	b	1026.0	+1	38	-6	SSE	2	-	0	2	-	46	35	b	b	b	b	b	b	b	b	b	b	b	b					
Holyhead ...	1023.0	44	NE	3	b	1025.3	0	45	+1	SSW	4	-	fe	3	2	48	37	opg	opg	opg	opg	opg	opg	opg	opg	opg	opg	opg	opg					
Pembroke (St. Ann's Head)	1020.9	47	N	3	ogm	1027.3	0	44	-2	ESE	2	-	fd	2	2	48	44	ogm	ogm	ogm	ogm	ogm	ogm	ogm	ogm	ogm	ogm	ogm	ogm					
Scilly (St. Mary's)	1023.6	49	NNW	4	fd	1028.5	0	48	+2	NNW	3	-	fd	4	1	51	46	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc					
Jersey (St. Aubin)	1026.2	30	W	5	og	1028.9	0	47	+1	E	2	-	fd	2	2	52	46	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc					
Portland Bill ...	1022.8	49	N	5	og	1027.9	+2	47	0	SE	5	-	0	5	0.2	50	44	0	0	0	0	0	0	0	0	0	0	0	0					
Dungeness ...	1022.0	40	N	3	c	1030.3	+1	30	-13	N	2	-	b	2	2	49	29	c	c	c	c	c	c	c	c	c	c	c	c					
Wick ...	1021.4	38	NNW	1	bc	1010.9	-2	40	+3	SSW	3	-	cm	3	4	42	30	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc					
Nairn ...	1021.8	35	NW	1	bc	1013.0	*	45	+11	W	4	-	cjg	3	0.2	45	28	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc					
Leith ...	1022.7	41	NW	2	bc	1020.2	-2	43	+2	SW	3	-	0	2	-	45	33	c	c	c	c	c	c	c	c	c	c	c	c					
Tynemouth ...	1022.8	42	NNW	3	bc	1024.7	-1	34	-8	SW	2	-	bm	2	-	45	32	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc					
Spurn Head ...	1021.5	43	NW	6	bc	1027.6	0	36	-6	S	4	-	bcg	3	-	44	34	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc					
Yarmouth (Gorleston)	1020.5	40	NNW	4	bc	1029.2	+2	32	-9	NNW	2	-	bx	2	2	45	31	om	om	om	om	om	om	om	om	om	om	om	om					
Clacton-on-Sea ...	1022.9	42	NNW	3	bc	1030.5	+2	32	-10	W	2	N	bex	2	2	47	31	ogm	ogm	ogm	ogm	ogm	ogm	ogm	ogm	ogm	ogm	ogm	ogm					
Nottingham ...	1023.5	43	NE	2	bc	1028.3	*	30	-12	SW	1	SW	bcmx	1	0.2	50	29	odm	odm	odm	odm	odm	odm	odm	odm	odm	odm	odm	odm					

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ Longside at 11.



# SUMMARY OF CONDITIONS AT 7 A.M. Saturday, 28th February, 1920.

Districts.	Wind Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Var. 0-5.	Cool.	Fair generally, local mist	Var.	Smooth
2. E. England	S-W, 0-10.	"	Fair to fine.	Fair.	Slight.
3. E. Midlands	S. 0-5.	"	Fair to dull, some mist.	"	-
4. W. Midlands	S-SE, 0-5.	R. cool.	Dull.	Indiff.	-
5. S.W. England	SE. 10-25.	R. mild.	Dull, foggy.	V. poor.	Mod.
6. South Wales	SE-E, 0-5.	Normal.	Foggy.	"	Smooth.
7. North Wales	S-SW, 10-20.	"	Foggy.	"	Slight.
8. N.W. England	S-SW, 5-15.	"	Dull.	Poor.	Smooth.
9. N. Midlands	S-W, 0-10.	Cool.	Fair, some mist.	Indiff.	-
10. N.E. England	S-SW, 5-15.	R. cool.	Fair to fine.	"	Smooth.
11. E. Scotland	SW-S, 10-15.	Normal.	Dull, some drizzle.	Poor.	"
12. S.W. Scotland	SW, 10-20.	"	Dull, some fog & drizzle.	V. poor.	"
13. Isle of Man	S.-SW, 10-15.	"	Dull, misty.	"	Slight.
14. N. & N.W. Scotland	S-W, 5-15.	R. mild.	Dull, misty.	Poor.	"
15. Hebrides	SW, 10-20.	Normal.	Passing showers.	Indiff.	"
16. Orkneys and Shetlands	S. 10-20.	"	Dull, misty, showery.	Poor.	"
17. N.W. Ireland	SW, 0-10.	R. mild.	Dull, misty.	"	"
18. N.E. Ireland	S-SW, 5-15.	"	Dull, local mist.	Indiff.	V. smooth
19. S.E. Ireland	SW, 5-15.	Mild.	Dull, some drizzle.	Poor.	Slight.
20. S.W. Ireland	SW, 5-10.	"	Dull, drizzling showers.	Indiff.	"

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

The general distribution of pressure is likely to continue favourable for the passage of secondary depressions across the British Isles from the Westward. A changeable condition of weather with the wind between South and West, is therefore probable during the ensuing 24 or 36 hours.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn at intervals of two millibars.  
**WIND.**—Direction is shown by the flying with the wind. Force, in knots, 0-12, is indicated by the number of feathers. Mean velocity is shown in feet per hour by figures in small circles.  
**TEMPERATURE.**—Isotherms are drawn at intervals of 1°.  
**WEATHER SYMBOLS.**—  
 ○ clear sky.    ☁ sky 1/4 clouded.  
 ☁ overcast sky.    ☁ rain.  
 \* snow.    \* hail.    \* fog.  
 T thunder.    T thunder.  
**SEA DISTURBANCE.**—  
 Rough.    High.

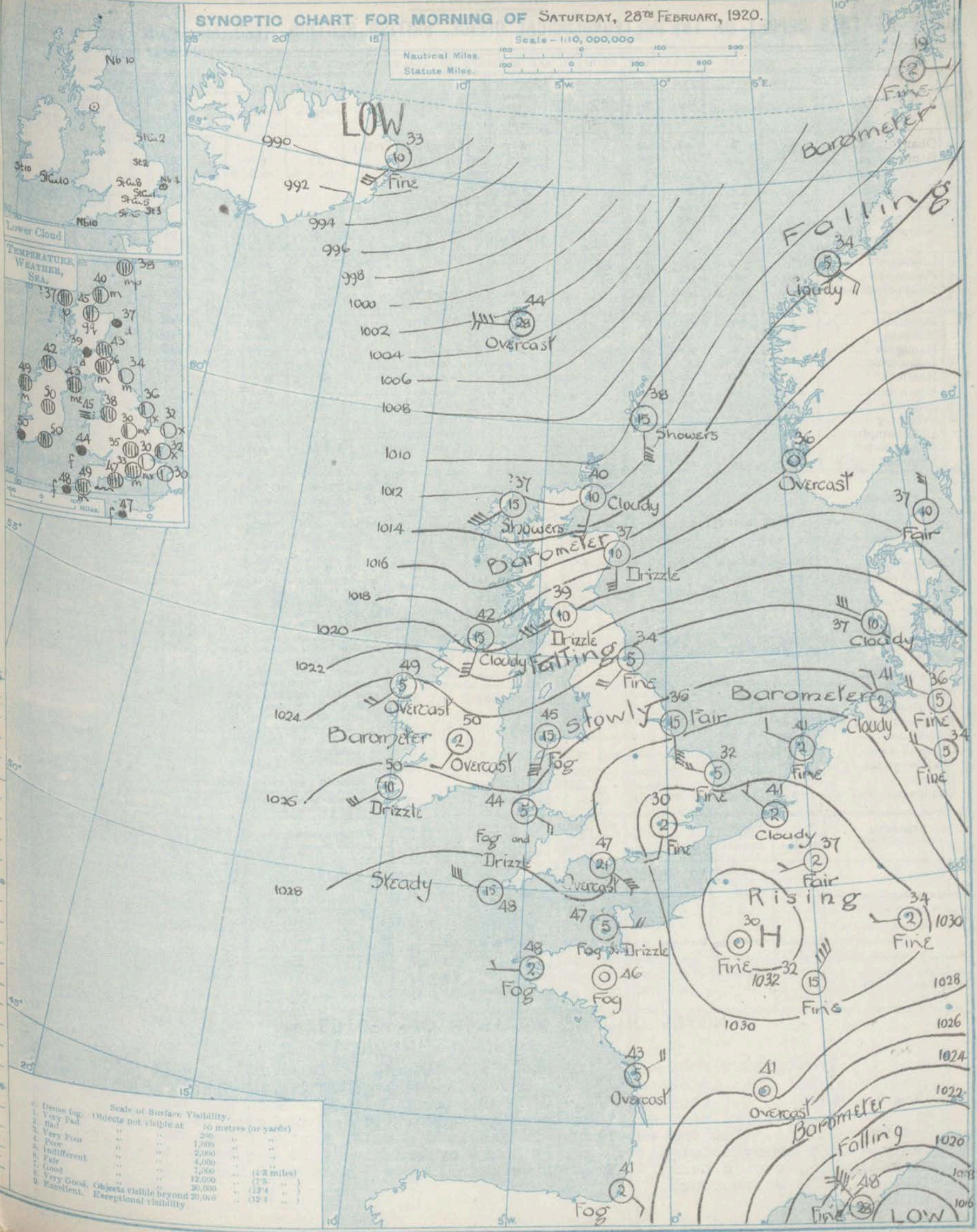
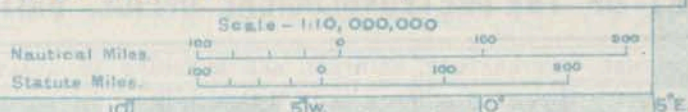
Further Outlook.

Districts.	Forecasts for the 24 hours commencing 3 p.m.
1. S.E. England	Wind S. to W. light, cloudy, perhaps slight rain locally, then fair. Visibility mainly fair to good. No important change in temperature. Frost at night.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Wind between S. and W. light, variable sky, showers locally. Visibility mainly fair. No important change of temperature. Frost inland at night.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Wind between S. and S.W. or W., light or moderate, fresh in places, cloudy or variable sky, some showers locally. Visibility fair to indifferent. No important change of temperature. Local frost inland at night.
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	

Generally unsettled, with wind between S. and W. and showers in a few localities mainly in the W. and N.



# SYNOPTIC CHART FOR MORNING OF SATURDAY, 28<sup>TH</sup> FEBRUARY, 1920.



Scale of Surface Visibility.

Visibility	Objects not visible at	60 metres (or yards)
1. Very Bad	200	
2. Bad	1,000	
3. Very Poor	2,000	
4. Poor	4,000	
5. Indifferent	7,000	(4.3 miles)
6. Fair	12,000	(7.5 "
7. Good	20,000	(12.4 "
8. Very Good	Objects visible beyond 20,000	
9. Excellent	Exceptional visibility	



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 59... B

Saturday  
28th February 1920

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 27 <sup>th</sup>																	
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night.	Day.	Sunrise to Sun- set.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night.	Day.	Sunrise to Sun- set.
						12h-9h.	9h-12h.								12h-9h.	9h-12h.	
						mm.	mm.	27 <sup>th</sup>							mm.	mm.	27 <sup>th</sup>
Scotland.	Oban ...	bc	b	47	38	3	-	6.9	England, N.W.	Douglas (I.O.M.)							
	Banff ...	c bc	bc	43	35	2	-	5.7		Blackpool ...	o c	b o	46	41	2	-	6.2
	Montrose ...									Southport ...	od c bc	b bc b	46	39	2	-	5.4
	St. Andrews ...	*	*	46	38	-	-	8.2									
England, N.E.	Harrogate ...	c bc b	b	46	39	2	-	6.6	Midlands.	Buxton ...	*	*	50	39	-	-	0.0
	Scarborough ...	*	*	48	40	1	-	7.0		Leamington Spa...			51	39	-	1	0.0
	Skegness ...	yc b	*	45	37	-	2	3.7		Malvern ...	o	o	53	38	-	1	0.0
England, E.	Lowestoft ...	or	or c b	44	37	0.3	2	3.5	Wales.	Rhyl ...	c of	bc bc	47	38	0.3	2	1.7
	Felixstowe ...	ogg	bc	46	36	-	-	2.5		Colwyn Bay ...	*	*	46	43	3	3	1.2
	Southend-on-Sea...	ogdr	or c bc	48	36	-	2	0.4		Llandudno ...	r	yc bc	47	43	3	2	1.4
										Aberystwyth ...	roc	coo	48	46	-	-	0.0
England, S.E.	Tunbridge Wells	o	oro	50	36	-	1	0.0	England, S.W.	Weymouth ...	ccc	opo	52	42	-	0.2	1.1
	Margate ...	o	or	48	39	-	1	0.0		Teignmouth ...	bc o	bc c	53	44	-	-	0.3
	Ramsgate ...	o	o	47	36	-	-	0.0		Torquay ...	bc c	bc	53	44	-	-	0.9
	Folkestone ...	o	dro	48	38	2	-	0.0		Paignton ...	bc c	c	54	43	-	-	1.6
	Hastings ...	o	or	51	37	-	2	0.0		Penzance ...	bc c	oco	53	45	-	-	1.1
	Eastbourne...	od o	od	50	40	-	0.4	0.0		Newquay ...	c o	ondfd	49	45	0.1	1	0.1
	Brighton ...	o	od	53	40	-	1	0.0		Bude ...	m	d	50	44	-	1	0.0
	Worthing ...	o	o	51	37	-	-	0.0		Ilfracombe ...	or	ofe	49	45	-	1	0.0
	Littlehampton ...	om	om	52	30	-	-	0.0		Weston-s-Mare ...	oe	edf	49	43	-	-	0.0
	Bournemouth ...	*	*	52	38	-	-	0.4		Bath...	od	ord	51	39	-	1	0.0
	Ventnor (I. of W.)	*	*	51	40	-	-	0.0									

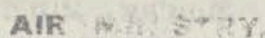
SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.	
STATIONS.		WEATHER.				Max. Temp. F.		Min. Temp. F.		Rainfall.		Limits of Velocity at about 30 feet above ground.	
		7h-13h	13h-18h	18h-24h	1h-7h	Max. F.	Min. F.	Max. F.	Min. F.	Day. 7h-18h	Night. 18h-7h		
										mm.	mm.	No.	Statute miles per hour.
Eskdalemuir ...		b bc bgy	bc cgy	c.b.b.c.c	o.om	44	21	15	-	-	-	0	Less than 1
Valencia (Cahirciveen) ...		od o	od o.o	do	da	52	50	48	1	1	0.0	1	1-3
Baldonnell ...		f.r.	co	r.co	dq	49	30	*	*	*	*	2	4-7
Anglesey (Llangefni) ...												3	8-12
Falmouth ...		b oq	ocw	od.ge	adm	53	43	48	-	Trace	0.6	4	13-18
Calshot (Hants) ...		cp	or	b.b.c	c.o.b.c.c	53	43	4	3	-	0.0	5	19-24
Lympne (Folkestone) ...												6	25-31
Aberdeen ...		bc shq	bcy b	b.omr		43	33	14	0.3	2	7.2	7	32-38
East Fortune ...												8	39-46
Flamboro' Head ...		c or	g bc c	b.b.c	b.b.cq	45	33	*	*	*	*	9	47-54
Felixstowe ...		b bc	b bc	bc.ex		47	28	*	*	*	*	10	55-63
Cranwell (Lincs) ...		ry	b bc bc	b.b.c.c.c		48	27	*	*	*	*	11	64-75
Shoeburyness ...		c of	bc bc	bc.bemx		48	25	18	1	-	0.1	12	Above 75
Benson ...		o	ofa	bx.o		50	28	20	2	-	*		
London (Kew Obs.) ...		o	od o.cw	bm.bfx		51	29	20	2	-	0.0		

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.					
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.							
	24 HOURS ENDED 9h G.M.T. 28th								YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.		28th & 29th February 1920				
												Stations.	Sunrise.	Noon.	Sunset.		
Greenwich (Royal Observatory)	od	od	c.bc.bbc	51	27	25	2	0.0	94	76	Total 65 Joules.  Milliwatts.	Yarmouth ...	Greenwich	Wick	Valencia ...		
City (Bunhill Row)	*	*	*	*	*	*	*	0.0	*	*						G.M.T.	G.M.T.
Westminster (St. James's Park)	*	*	*	51	29	24	2	0.0	92	72	Average Rate. 17 Maximum Rate. ?	Greenwich	Wick	Valencia ...			
" (Admiralty Arch)	cmg.ondg	omrg.bm	bm.b.bm	52	38	*	2	0.0	93	72					6.45	12.6	5.37
Camden Sq. (British Rainfall)	o	od	*	49	28	24	2	*	100	78					6.43	12.6	5.35
Kenington Palace	o	od.or.o	*	51	31	21	1	*	89	83	Average Rate. 17 Maximum Rate. ?	Greenwich	Wick	Valencia ...			
Hampstead Obs <sup>sd</sup>	or	c	c	48	37	30	2	0.0	*	77					6.51	12.13	5.37
												6.50	12.13	5.36			
												7.14	12.25	5.38			
												7.12	12.25	6.15			
												7.33	12.54	6.16			
												7.32	12.54				

### NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose to 56° at Roche's Point and to above 50° at many other stations, but fell to below 32° over a very large area at night - to 21° at Eskdalemuir, 25° at Shoeburyness, 27° at Cranwell (Lincs). Rain was experienced in most localities, the amount being slight generally and the greatest 6 mm. at Birn Castle. The day was bright in Scotland and the North of England, very cloudy or overcast elsewhere. 9 hours of sunshine were recorded at Eskdalemuir, about 8 hours at St. Andrews and Glasgow and about 7 hours at Aberdeen and Scarborough.





## BRITISH SECTION.

No 15283 B

SUNDAY, 29<sup>TH</sup> FEBRUARY, 1920

1024.1	19	SW	4	0	1024.2	*
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\* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

8 Longside at 1m.



# SUMMARY OF CONDITIONS AT 7 A.M. Sunday, 29th February, 1920.

Districts.	Wind Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	WSW, 10.	Mild.	Overcast, some fog on coast.	Var.	Slight.
2. E. England	WSW, 10-15.	"	Overcast, some mist and haze.	"	"
3. E. Midlands	SW, 5-10.	"	Overcast, some slight mist.	Fair.	-
4. W. Midlands	S-W, 5-10.	"	Dull.	Indiff.	-
5. S.W. England	S-W, 0-5.	R.mild.	Overcast, some mist.	"	Slight.
6. South Wales	SW, 10.	"	Overcast, some mist and drizzle.	"	"
7. North Wales	SW, 10-25.	"	Dull, some fog.	Var.	Mod.
8. N.W. England	SW, 0-10.	Mild.	Cloudy.	Indiff.	Smooth.
9. N. Midlands	SW-W, 0-10.	"	Dull.	Fair.	-
10. N.E. England	WSW, 5-15.	"	Cloudy.	"	Slight.
11. E. Scotland	W, 10-15.	"	Fine to cloudy.	"	Smooth.
12. S.W. Scotland	SW, 15-20.	"	Fair to overcast.	Indiff.	Slight.
13. Isle of Man	SW, 10-15.	R.mild.	Cloudy.	"	"
14. N. & N.W. Scotland	W-SW, 10-20.	Mild.	Fair to overcast.	"	Mod.
15. Hebrides	WSW, 20-30.	R.mild.	Overcast, squally.	"	Rough.
16. Orkneys and Shetlands	W, 25-45.	"	Overcast, squally, some mist and rain.	Poor.	R. rough.
17. N.W. Ireland	SW, 5-10.	"	Overcast, local mist.	Indiff.	Slight.
18. N.E. Ireland	SW, 5-10.	Mild.	Dull.	"	Smooth.
19. S.E. Ireland	SW, 5-10.	"	Overcast, some drizzling rain.	"	Slight.
20. S.W. Ireland	S-SW, 5-10.	"	Overcast, some fog.	V. poor.	"

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

With an anticyclone to the South and large depressions to the North of the British Isles, secondary depressions are likely to move from the Atlantic across the country and maintain the weather in an unstable condition generally, with winds from between S.W. and W., and a rather mild and uniform temperature.

**EXPLANATION.**  
 BAROMETER.—Isobars are intervals of two millibars.  
 WIND.—Direction is shown by flying with the wind. Force 0-12, is indicated by the feathers. Mean velocity is shown per hour by figures in dots.  
 TEMPERATURE.—Isobars are intervals of 1°.  
 WEATHER SYMBOLS.—  
 ☉ clear sky. ☁ sky & clouded. ☂ rain. ☃ overcast sky. ☄ hail. ⚡ thunder. ⚡ thunder. ⚡ thunder.  
 SEA DISTURBANCE.—High sea. Rough sea.

## Further Outlook

As the pressure does not seem likely to undergo any important modification, similar conditions of wind and weather are likely to continue.

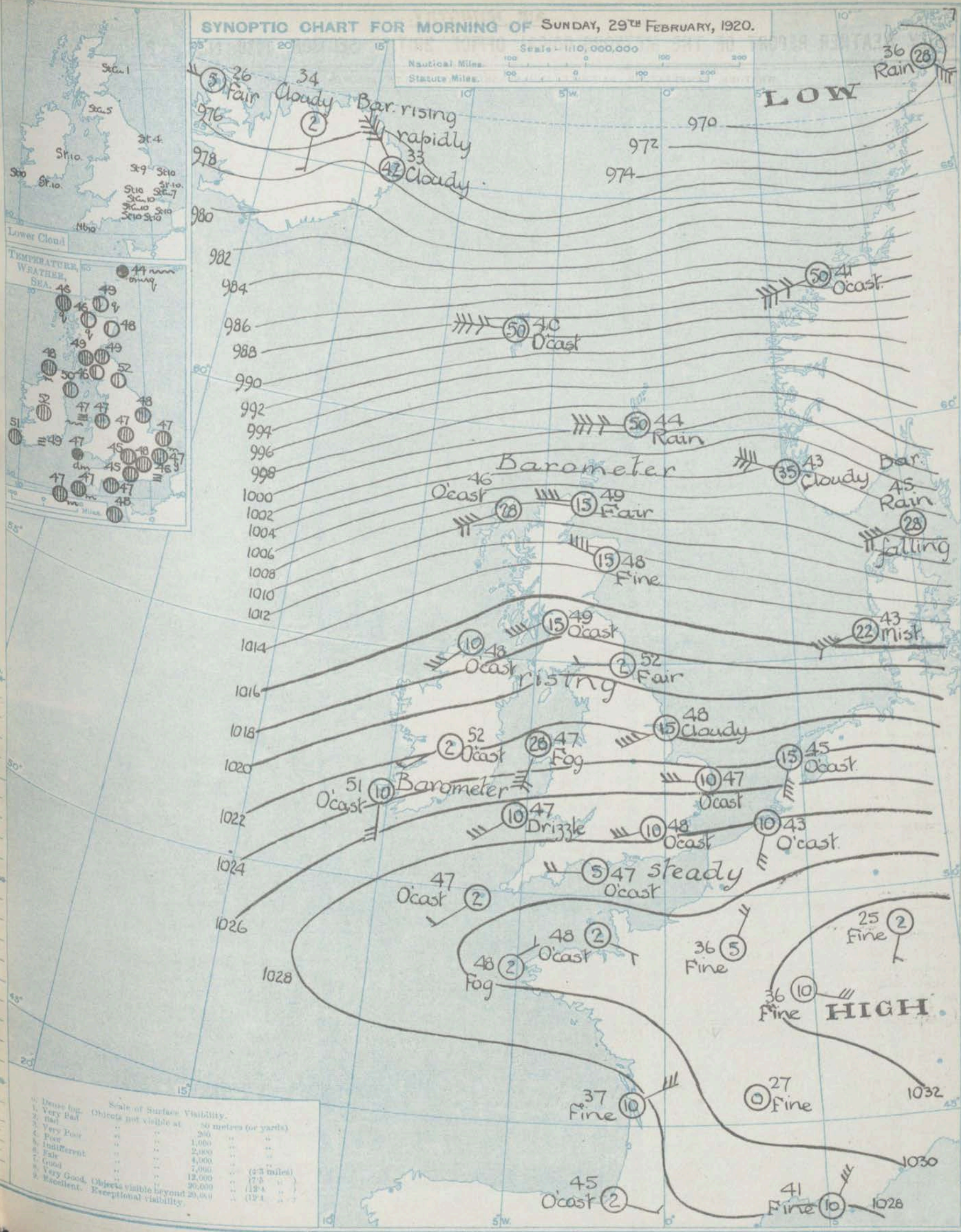
† South Cone flying

Districts.	Forecasts for the 24 hours commencing 3 p.m. Sunday, 29th February, 1920.
1. S.E. England	Wind S.W. or W., light or moderate. Overcast or very cloudy generally, local mist, some drizzling showers, fairer intervals. Visibility indifferent to fair. Mild or moderate temperature.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	Wind W. or S.W., light or moderate to fresh. Much cloud generally, some showers, fairer intervals. Mild or 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 W. or S.W., moderate to fresh or strong. Mainly overcast, some rain or showers. Mild or moderate temperature.
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	Wind between S. and W., light to fresh. Cloudy or overcast, some showers of drizzle, misty. Mild or moderate temperature.
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	



# SYNOPTIC CHART FOR MORNING OF SUNDAY, 29<sup>TH</sup> FEBRUARY, 1920.

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





## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 60... B

Sunday,  
29<sup>th</sup> February

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 28 <sup>th</sup>																	
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 18h-9h. 27 <sup>th</sup> -28 <sup>th</sup> mm.	Day. 9h-18h. 28 <sup>th</sup> mm.	Sunrise to Sun- set. 28 <sup>th</sup>			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 18h-9h. 27 <sup>th</sup> -28 <sup>th</sup> mm.	Day. 9h-18h. 28 <sup>th</sup> mm.	Sunrise to Sun- set. 28 <sup>th</sup>
Scotland.	Oban ...	-	c.o.c	53	33	2	1	0.0	England, N.W.	Douglas (I.O.M.)							
	Barf ...	o.c.	o.p.c	58	29	1	0.1	0.2		Blackpool ...							
	Montrose ...									Southport ...	o	o.c.b.c.b	54	33	-	-	0.9
	St. Andrews ...	*	*														
England, N.E.	Harrogate ...	c	c.b.c.b	50	30	-	-	0.6	Midlands.	Buxton ...	*	*	51	28	-	-	0.0
	Scarborough ...	bc	bc	49	43	-	-	4.9		Leamington Spa...							
	Skegness ...									Malvern ...	o	o	49	36	-	-	0.0
										Ross-on-Wye ...	o.x.m	o.m.c	50	34	-	-	0.0
England, E.	Lowestoft ...								Wales.	Rhyl ...							
	Felixstowe ...	bc	c.b	47	32	-	-	6.9		Colwyn Bay ...	*	*					6.3
	Southend-on-Sea...	x.m.b.c.b	bc.c.o	53	33	-	-	5.8		Llandudno ...	c.b.	b.b	56	35	-	-	1.5
										Aberystwyth ...	c.c.c	o.c.o	52	36	1	-	
England, S.E.	Tunbridge Wells	b	bc.b	51	28	-	-	7.1	England, S.W.	Weymouth ...							
	Margate ...	-	-	49	33	-	-	8.0		Teignmouth ...							
	Ramsgate ...	b	b	47	30	-	-	7.8		Torquay ...	-	-	51	46	2	0.3	0.0
	Folkestone ...	x.b.c.b	b	48	34	-	-	4.3		Paignton ...	fa	o	54	46	2	1	0.0
	Hastings ...	b	b.b.c	49	34	-	-	8.9		Penzance ...							
	Eastbourne...	bc	bc	49	30	1	-	7.9		Newquay ...							
	Brighton ...									Bude ...							
	Worthing ...	bc.	bc.o	51	32	-	-	4.2		Ilfracombe ...							
	Littlehampton...	cm.bc	bc.g.m.d	51	47	-	-	2.6		Weston-s-Mare ...							
	Bournemouth ...	*	*	48	44	-	-	0.0		Bath...	o	o	51	42	0.3	-	0.0
	Ventnor (I. of W.)	-	-	50	42	-	-	0.3									

SUMMARIES FOR PAST 24 HOURS.													BEAUFORT NOTATION.			THE BEAUFORT SCALE OF WIND FORCE.		
STATIONS.		WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	RAINFALL.		Sun. Hours.	No. Limits of Velocity at about 30 feet above ground. Statute miles per hour. Metres per second.						
		7h-13h 28 <sup>th</sup> .	13h-18h 28 <sup>th</sup> .	18h-9h 28 <sup>th</sup> .	1h-7h 29 <sup>th</sup> .				Day.	Night.								
									7h-13h 28 <sup>th</sup> .	13h-18h 28 <sup>th</sup> .								
						°F.	°F.	°F.	mm.	mm.								
Eskdalemuir ...		o.m.d.f.a.f.	o.f.e.o.d.f.	o.f.e.o.d.m.	o.d.m.c.q.b.c.	50	36	41	2	4	0.0	b	blue sky (not more than a quarter covered).					
Valencia (Cahirciveen) ...		o.d.o	o.o.d	o.d.o	o.d.o	51	50	49	-	4	0.0	bc	sky partly cloudy (one half covered).					
Baldonnel ...		p.d.o.g	q.p.d.	q.p.d.	d.c.o	36	46	*	*	*	*	c	generally cloudy (three quarters covered).					
												d	drizzle, or fine rain.					
												e	wet air without rain falling.					
												f	fog. g gloom.					
												h	hail. l lightning.					
												m	mist. o overcast sky.					
												p	passing showers.					
												q	squalls. r rain.					
												rs	sleet, i.e., rain and snow together.					
												s	snow. t thunder.					
												u	ugly, threatening sky.					
												v	unusual visibility.					
												w	dew. x hoar frost.					
												y	dry air; humidity less than 60 per cent.					
												z	dust haze; the turbid atmosphere of dry weather.					
Anglesey (Llangefni) ...								*	*	*	*							
Falmouth ...		o.d.m	o.m.o	o.o.d.	o.m	54	46	36	trace	-	0.0							
Calshot (Hants) ...		o	o.c.m		o	43	45	45	-	-	0.0							
Cape (Folkestone)								*	*	*	*							
Aberdeen ...		a.c.m	c.z.o.m	c.q	b.c	57	37	43	0.1	2	0.2							
East Fortune ...								*	*	*	*							
Plamboro' Hd. ...		o.o.g	o.m.g	o.m.g	o.m.g	48	38	*	*	*	*							
Felixstowe ...		b.b.c	o.m.y	o.m.y	c.o.3	48	35	*	*	*	*							
Cranwell (Lincs) ...		c.o.o.m.	o.o.m	c.o	c.o	49	37	*	*	*	*							
Shoeburyness ...		b.o.m.x.b.c.b	b.b.c.c.o.z	c.3.c	c.3.c	47	26	24.2	trace	-	6.3							
Benson ...		o	o.b.c	o	o	49	35	44	-	-	*							
London (Kew Obs.) ...		b.f.e.g.f.b.c	b.c.o	o.m.o	o.m.o	50	29	33	-	trace	2.3							
													Suffices 0, 1 and 2 attached to Beaufort letters signify intensity, 0=light, 2=heavy. Underlining is used to express continuity.					
													SYMBOLS— Aerora ☆ Solar halo ☼ Rime ⚡ Lunar halo ☾ Glazed frost ❄ Solar corona ☼ Glazed roads ⚡ Lunar corona ☾					

## 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.

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

## THE BEAUFORT SCALE OF 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	Less than 0.3
1	1-8	0.3-1.5
2	4-7	1.6-3.8
3	8-12	3.9-5.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.5
12	Above 76	33.6 or above

## SYMBOLS -

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

LONDON OBSERVATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		HUMIDITY %		SOUTH KENSINGTON (Met. 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.	Rain-fall. mm.	Sun-shine to Sunset. Hours.	15 h. G.M.T.	9 h. G.M.T.					
		24 HOURS ENDED 9h G.M.T. 29 <sup>th</sup>										Vertical Component of Solar Radiation per Square Centimetre during yesterday.		29 <sup>th</sup> February 1920		
Greenwich (Royal Observatory)		b.b.c	c.o	o.d.o.d.o	53	37	43	-	4.5	55	86	Total ..... Joules. Average Rate. Maximum Rate.	Stations.	Sunrise.	Noon.	Sunset.
City (Bunhill Row)		-	-	-	-	-	-	-	-	-	-					
Westminster (St. James's Park)		-	-	-	-	-	-	-	-	-	-					
" (Admiralty Arch)		cm	cm.o.m	o.c.d.g.g	52	42	-	m.e	2.2	58	86	Total ..... Joules. Average Rate. Maximum Rate.	Stations.	Sunrise.	Noon.	Sunset.
Camden Sq. (British Rainfall)		bc	bc.c	-	52	39	43	-	-	65	90					
Kensington Palace		bc	o	-	51	39	44	-	-	88	92					
Hampstead. obsd		-	-	-	-	-	-	-	-	-	-	Total ..... Joules. Average Rate. Maximum Rate.	Stations.	Sunrise.	Noon.	Sunset.
Yarmouth ...		-	-	-	-	-	-	-	-	-	-					
Greenwich ...		-	-	-	-	-	-	-	-	-	-					
Wick ...		-	-	-	-	-	-	-	-	-	-	Total ..... Joules. Average Rate. Maximum Rate.	Stations.	Sunrise.	Noon.	Sunset.
Valencia ...		-	-	-	-	-	-	-	-	-	-					
		-	-	-	-	-	-	-	-	-	-					

## NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose to 58° at Banff, 57° at Aberdeen, to 56° at some other Scottish stations, at Llandudno, and locally in Ireland, and to 50° or above in most other localities. Slight drizzle fell in several places and as much as 12 or 13 mm. of rain in the Hebrides and Shetlands. Wet fog prevailed over an extensive area in the W. and S.W. In Scotland, Ireland, the W. and S.W. of England and most parts of Wales there was little or no bright sunshine, but in the E. and S.E. of England the records were high, reaching 8.9 hours at Hastings. A Westerly gale or high wind was experienced in the North of Scotland in the night.





## AIR MINISTRY.

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

BRITISH SECTION.

CORRECTIONS AND ADDITIONS, FEBRUARY, 1920.

## I.—CORRECTIONS.

Report for	STATION.	CORRECTION.	Report for	STATION.	CORRECTION.	Report for	STATION.	CORRECTION.
1 <sup>st</sup>	Eskdalemuir	1h weather ormq	15 <sup>th</sup>	Kew	max 52	24 <sup>th</sup>	Spurn Hd.	15h weather cm
	Valencia	sunshine 2.9		"	min. 39		"	7h tendency -5
	Wick	min temp. 36.		"	grass min. 2.8	25 <sup>th</sup>	Falmouth	13h bar. 1018.9mb.
2 <sup>nd</sup>	Holyhead	7h wind dir. NW		"	rain - trace		Eskdalemuir	13h hum. 82
	Eskdalemuir	13h low cloud. St. Cu 10.		"	sun. 0.3		"	" vis. 4
	Valencia	13h sea 5		Falmouth	7-13h rain trace		Valencia	13-15h past with boyz.
	"	13h sea 4		Kew	13h vis. 6		Spurn Hd.	rainfall. 0.1 mm.
	Eskdalemuir	1h vis. 6		"	13h " 6	26 <sup>th</sup>	Roches Pt.	7h bar. 1021.9mb.
3 <sup>rd</sup>	Shoeburyness	7h temp. 47		Holyhead	wind. 55w.		Stornaway	sun. 1.0
	Blacksoil Pt.	max. 54	16 <sup>th</sup>	Falmouth	sun. 0.6	27 <sup>th</sup>	Valencia	7h sea 3
	Shoeburyness	15-7h rainfall. 2.		"	7h wind force 7.		"	13-15h past with becv.
4 <sup>th</sup>	Spurn Hd.	7h wind dir. W		"	13h rain 8.		Kew	7h tendency -4
5 <sup>th</sup>	Falmouth	13h weather bz	17 <sup>th</sup>	Eskdalemuir	1h weather ormq		Shoeburyness	13h wind NW.
	Eskdalemuir	7-13h rainfall. trace		"	7h temp. 40		Spurn Hd.	rainfall. 0.3 mm.
	Clacton	max. 45	18 <sup>th</sup>	"	1h bar. 1013.9mb.	28 <sup>th</sup>	Wick	7h tendency +5
6 <sup>th</sup>	Shoeburyness	min. 29		Donaghadee	13h " 1008.3mb.		Lerwick	13h bar. 1017.9mb.
	"	13h temp. 41		Birr Castle	max. 51.		Stornaway	13h temp. 37
7 <sup>th</sup>	Eskdalemuir	13h tendency +1		Clacton	7h temp. 44.		"	7h " 47
	Kew	7h wind dir. 255	19 <sup>th</sup>	Valencia	13-15h past with. 0.1p	29 <sup>th</sup>	Birr Castle	7h bar. 1024.4mb.
8 <sup>th</sup>	Blacksoil Pt.	min. 43.		"	13h sea 3		Eskdalemuir	13h vis. 1
	Eskdalemuir	13h temp. 44		Kew	13h weather cm		"	7h " 6
	Roches Pt.	13-7h past with. 0.1p		Wick	13h vis. 5			
	Valencia	13-15h " 0.1p		Clacton	max. 40			
9 <sup>th</sup>	Falmouth	13h weather f.	20 <sup>th</sup>	Kew	min. 43.			
	Glasgow	13h sun. 1.2		"	13h vis. 5			
	Eskdalemuir	7-13h past with. ormq	21 <sup>st</sup>	Roches Pt.	7h bar. 1031.0mb.			
10 <sup>th</sup>	Falmouth	13h sun. 1.3		Kew	7h temp. 37.			
	Nairn	7h bar. 997.6mb.	22 <sup>nd</sup>	Roches Pt.	rainfall. 0.3 mm.			
	Spurn Hd.	7h tendency -6		Nairn	7h temp. 46			
	Valencia	13-7h past with. odr.	23 <sup>rd</sup>	Eskdalemuir	1h weather bq			
	Wick	13h rain 1.		"	13h bar. 1031.3mb.			
11 <sup>th</sup>	Nottingham	7h wind force 4.		Lerwick	7h bar. 1017.9mb.			
12 <sup>th</sup>	Blacksoil	7h " dir 55.5		"	7h wind 5w			
	Kew	min. 38		Nairn	min. 44.			
	Glasgow	13h temp. 38	24 <sup>th</sup>	Valencia	13-15h past with. bz.			
13 <sup>th</sup>	Donaghadee	13h wind NW		Kew	13h weather bf			
	Eskdalemuir	min. 32		"	13-15h past " bf.bm			
	"	grass min 38		Lerwick	13h weather bcm			
14 <sup>th</sup>	Valencia	7h low cloud 5r5		Nairn	13h temp. 47			
	"	min temp 47		Portland	min. 34.			

## II.—ADDITIONS.

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

SUMMARIES FOR PAST 24 HOURS.

Report	STATION.	BAROM. at M.S.L. mb.	I Change in 3 hours.	WIND.		Weather	TEMP. °F.	% Humidity. 0-9	Visibility. 0-9	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.	SUMMARIES FOR PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
				Direc.	Force 0-12						WEATHER.					Max Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	RAINFALL.		Sun. Hours.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
											Form.	Amt. 0-10.	Form.	Amt. 0-10.					0-9.	7h-13h.		13h-19h.	19h-1h.	1h-7h.	Day. 7h-13h.	Night. 19h-7h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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## STATIONS CONTRIBUTING REPORTS AT 7H AND 18H

‡ The barometric change is expressed in half millibars.