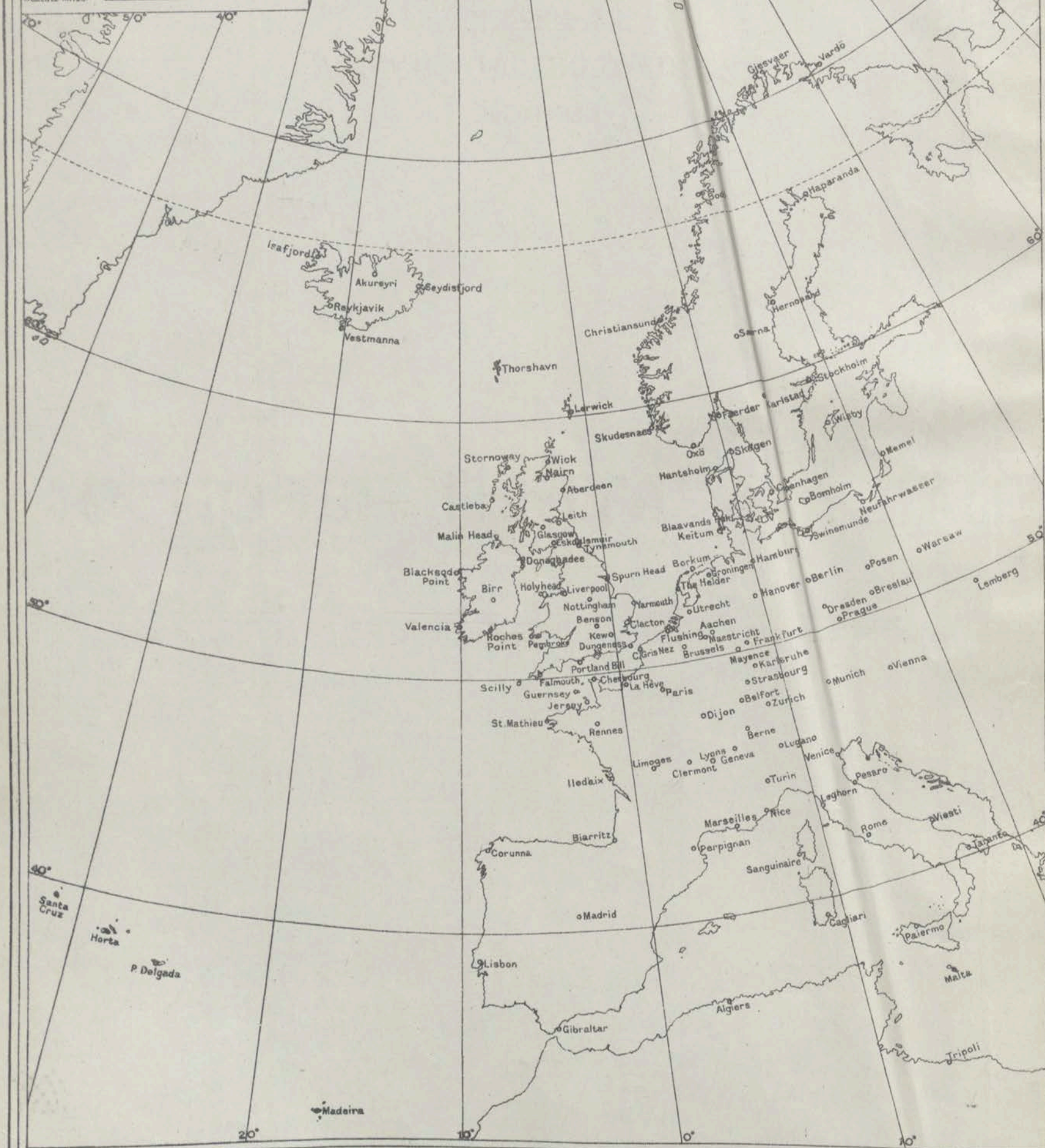
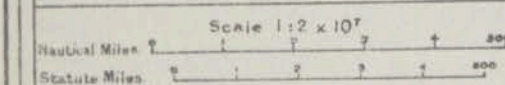


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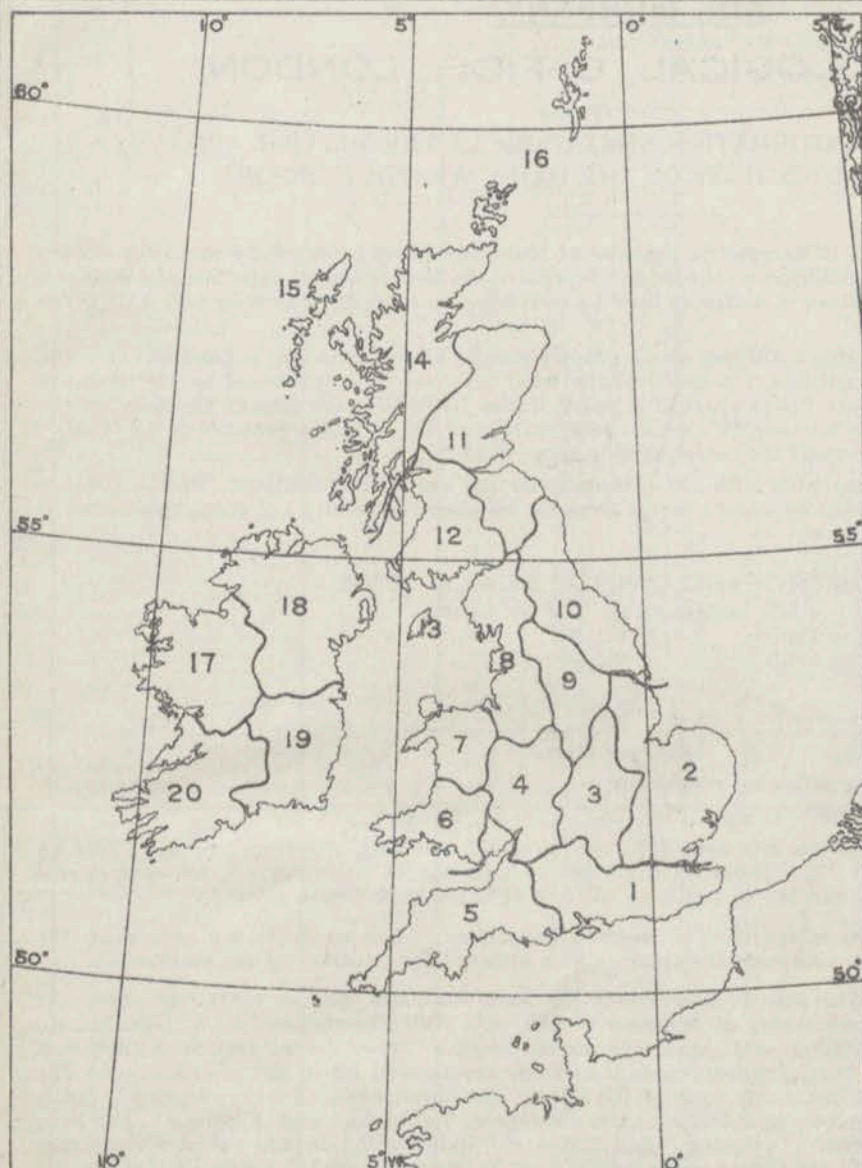
DAILY WEATHER REPORTS

1ST APRIL TO 30TH JUNE, 1920.

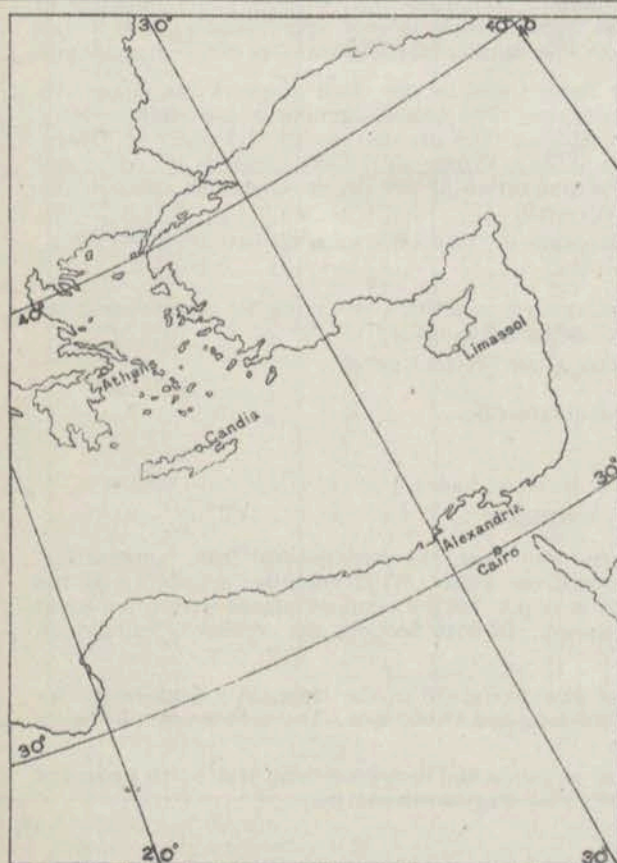
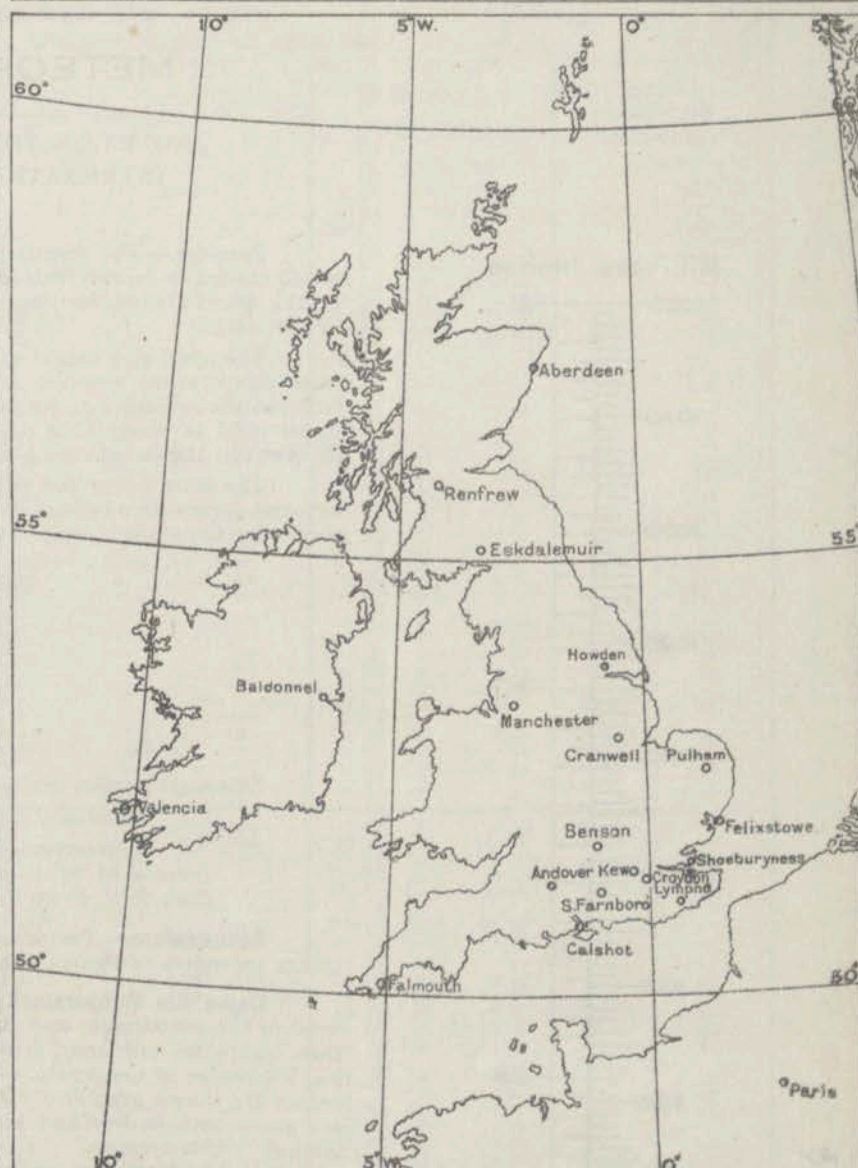
METEOROLOGICAL STATIONS.



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. i lightning.
m mist. o overcast sky.
p passing showers.

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

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.

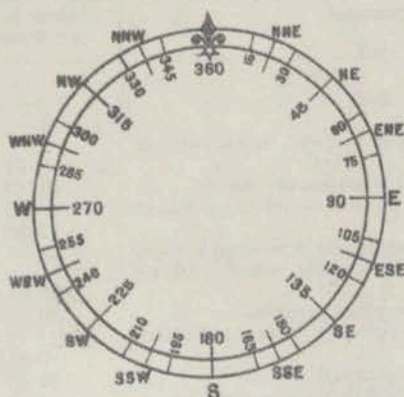
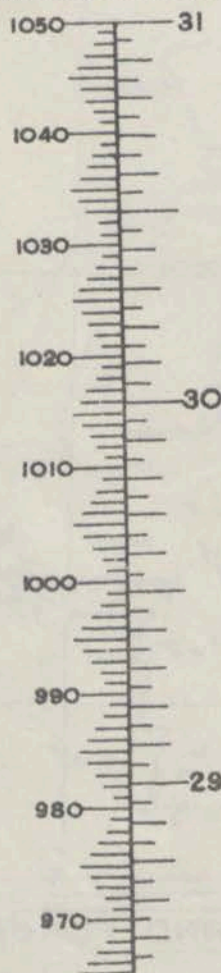
Clear sky ○ Sky 1/4 clouded ○
Sky 1/2 clouded ○
Overcast sky ○
Snow * Sleet *
Fog ≡ Hail ≡
Thunder T Mist ≡
Lightning ⚡ Thunderstorm ⚡
Aurora ☄ Gale ☄
Rime ☄
Glazed frost ☄
Glazed roads ☄
Snow lying ☄
Solar halo ☄
Lunar halo ☄
Solar corona ☄
Lunar corona ☄

AIR MINISTRY.

METEOROLOGICAL OFFICE, LONDON.

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

Millibars. Inches.



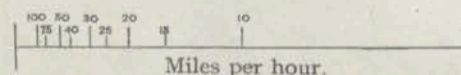
Pressure.—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on the British Section of the Report and for intervals of 4 millibars on the International Section. Values in millibars may be converted to mercury inches by the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

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

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

GEOSTROPHIC WIND SCALE FOR

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



This scale applies under the following conditions:—

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

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

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

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

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

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

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

Fine—mainly b and bc of the Beaufort notation (*see* previous page).

Fair or fair generally—mainly bc and c.

Cloudy—combinations of bc, c and o, c predominating.

Overcast—mainly c and o.

Dull—overcast with low heavy cloud.

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

Precipitation when occurring is specifically mentioned.

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

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

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

DAILY WEATHER REPORT. APPENDIX I.

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

SECOND QUARTER, APRIL TO JUNE.

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

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.							
		1906-1915.		1881-1915.		1881-1915.							
		Dry Bulb 7 a.m.	Daily Maximum.	Daily Minimum.		Maximum.		Minimum.					
						Temp.	Year.	Temp.	Year.	Days with Rain.	Total Fall.	Daily Mean.	Per Centage of Possible Duration.
Lerwick	mb.	°F.	°F.	°F.	°F.	1901, 14	°F.	1899	19	mm.	in.	hr.	%
Stornoway	1010.9	40.9	46.0	36.9	59	1893	21	1881	19	58	2.28	5.13	36
Castletown (Barra Isd.)	1011.9	41.9	49.5	37.5	67	1905	20	1881	19	77	3.03	5.13	36
Eskealemuir	1012.6	44.0	48.5	41.1	62	1915	27	1908	20	72	2.84	5.13	36
Malin Head	1015.9	39.6	50.0	33.9	67	1914	18	1910	17	113	4.44	5.13	36
Blackod Point	1012.6	43.4	49.7	40.8	69	1914	26	1908	19	50	1.97	5.13	36
Valencia	1013.9	45.7	51.5	41.9	71	1893	29	1897, 1911	20	74	2.90	5.13	36
	1015.9	45.5	53.4	42.6	70	1892	30	1879, 91, 97, 98, 1906	19	93	3.67	5.13	39
Roche's Point	1016.1	45.0	52.9	42.2	72	1893	29	1908	16	68	2.68	5.13	37
Birr Castle	1015.2	42.2	54.2	38.0	73	1893	21	1892	16	55	2.15	5.13	37
Donaghadee	1014.6	42.6	51.1	40.2	67	1909	28	1908	16	51	2.00	5.13	37
Liverpool (Observatory)	1015.2	41.1	52.4	40.2	75	1893	28	1908, 11	14	41	1.62	5.13	37
Holyhead	1014.9	45.0	51.2	41.5	75	1893	30	1908	14	51	2.08	5.13	37
Pembroke (St. Ann's Hd.)	1015.4	44.3	50.6	42.0	70	1898	28	1911	15	50	1.95	5.13	37
Seilly (St. Mary's)	1015.9	46.7	52.7	44.5	66	1893	30	1911	15	49	1.91	5.13	37
Falmouth	1016.6	45.7	52.6	42.9	69	1893	29	1911	15	67	2.64	5.13	37
Jersey (St. Aubin's)	1016.5	47.0	54.5	43.7	77	1893	28	1911	15	49	1.94	5.13	37
Portland Bill	1015.6	45.2	51.6	42.3	65	1901, 04	28	1911	13	40	1.58	5.13	37
Dungeness	1015.1	44.5	51.7	40.5	67	1901	24	1903	13	35	1.36	5.13	37
Dover	1016.1	45.1	52.6	40.0	71	1914	27	1911	14	41	1.60	5.13	37
Wick	1011.7	41.3	49.1	36.8	69	1900	20	1905	18	51	1.99	5.13	37
Nairn	1012.3	41.0	51.8	35.9	73	1914	18	1908	16	38	1.50	5.13	37
Aberdeen	1013.4	42.2	49.8	37.6	74	1900	22	1908	17	48	1.87	5.13	37
Leith	1013.7	42.9	52.6	38.1	73	1900	17	1908	14	33	1.29	5.13	37
Tynemouth	1014.4	42.0	50.5	37.7	71	1892	21	1908	15	36	1.42	5.13	37
Spurn Head	1014.5	41.3	49.8	40.0	70	1915	30	1881, 89, 1903, 05, 11	13	28	1.12	5.13	37
Yarmouth	1015.1	41.3	50.0	39.8	72	1885	27	1911	14	38	1.49	5.13	37
Clacton-on-Sea	1015.5	41.9	50.9	40.2	69	1907, 09, 12	25	1911	11	33	1.28	5.13	37
Nottingham	1015.4	42.4	54.1	37.8	77	1893	23	1888	15	36	1.43	5.13	37
LONDON (Kew Obsy.)	1016.2	41.2	55.0	30.5	80	1893	27	1887, 91, 11	13	37	1.45	5.13	38
Lerwick	1013.7	44.6	49.9	40.5	63	1895	28	1909	18	51	2.09	5.13	37
Stornoway	1013.7	40.9	53.7	41.3	75	1908	26	1906	19	65	2.56	5.13	37
Castletown (Barra Isd.)	1014.5	48.2	51.2	41.9	73	1911	32	1909	17	54	2.11	5.13	37
Eskealemuir	1016.3	45.7	55.7	38.5	73	1915	21	1915	15	72	2.85	5.13	37
Malin Head	1013.1	47.0	54.1	45.0	73	1908	35	1886, 91, 97, 1904, 06, 10	17	50	1.98	5.13	37
Blackod Point	1013.6	49.7	55.9	45.8	75	1890, 1911	34	1910	19	72	2.82	5.13	37
Valencia	1014.3	50.6	57.9	46.5	74	1884, 95, 97	34	1885, 96	18	81	3.17	5.13	37
Roche's Point	1014.0	50.2	57.4	46.5	73	1896	35	1909	15	62	2.43	5.13	37
Birr Castle	1014.5	48.7	59.8	42.7	77	1881, 05, 1911	29	1885, 91, 1909, 14	16	57	2.21	5.13	37
Donaghadee	1014.7	47.5	55.8	44.4	70	1896, 1911	31	1884, 85, 97, 1909	16	58	2.27	5.13	37
Liverpool (Observatory)	1015.2	49.2	56.2	45.1	80	1895	30	1883	15	48	1.90	5.13	37
Holyhead	1014.8	49.9	56.0	45.6	74	1895	37	1894, 1903, 07, 09	14	50	1.96	5.13	37
Pembroke (St. Ann's Hd.)	1014.7	49.8	55.2	46.1	72	1890, 1912, 11, 15	36	1883, 87, 1904, 05, 06, 10	14	49	1.91	5.13	37
Seilly (St. Mary's)	1014.9	51.0	56.8	48.2	68	1911	38	1883	13	42	1.67	5.13	37
Falmouth	1015.6	51.5	57.7	47.9	75	1915	36	1885, 1891	14	56	2.21	5.13	37
Jersey (St. Aubin's)	1015.9	53.1	60.2	48.1	80	1913	35	1905, 06	13	46	1.82	5.13	37
Portland Bill	1015.0	50.8	56.9	46.8	74	1911, 15	36	1900, 02	11	40	1.59	5.13	37
Dungeness	1015.0	51.2	57.8	46.1	76	1892, 1913	30	1892, 1902	11	33	1.30	5.13	37
Dover	1016.5	52.2	59.6	46.0	77	1909, 13	35	1909, 10	11	35	1.39	5.13	37
Wick	1013.8	45.9	53.4	40.7	71	1891	27	1886, 1902, 09	18	51	2.07	5.13	37
Nairn	1013.8	46.7	56.8	40.7	78	1888	26	1894, 1914	17	46	1.80	5.13	37
Aberdeen	1014.6	47.8	54.5	41.8	75	1902	29	1884, 91	17	59	2.13	5.13	37
Leith	1014.5	48.2	57.3	42.8	81	1881	27	1883	14	46	1.81	5.13	37
Tynemouth	1015.0	48.0	54.9	42.4	73	1903, 11	29	1891, 1909	14	51	1.99	5.13	37
Spurn Head	1014.9	49.4	55.1	45.0	76	1913	34	1891	12	32	1.55	5.13	37
Yarmouth	1015.1	50.4	55.9	45.2	81	1912	32	1891, 92	13	44	1.73	5.13	37
Clacton-on-Sea	1015.4	51.3	57.5	45.5	75	1909, 13	31	1902	11	34	1.34	5.13	37
Nottingham	1015.4	49.4	60.4	43.2	82	1895	27	1881, 1905	15	48	1.89	5.13	37
LONDON (Kew Obsy.)	1015.8	51.1	61.7	45.0	84	1895	31	1886, 1892	12	44	1.72	5.13	37
Lerwick	1013.6	48.7	54.9	45.0	70	1891	31	1888	15	45	1.78	5.13	37
Stornoway	1014.3	41.5	58.4	46.4	78	1911	31	1888	17	59	2.12	5.13	37
Castletown (Barra Isd.)	1015.6	52.2	57.2	49.2	71	1908, 10	41	1913	16	49	1.91	5.13	37
Eskealemuir	1015.2	51.1	58.7	45.9	78	1911	40	1914	15	77	2.05	5.13	37
Malin Head	1014.1	52.0	58.7	49.7	78	1905	40	1902, 07	16	54	2.14	5.13	37
Blackod Point	1015.2	53.9	60.0	50.8	82	1887	39	1913	17	71	2.79	5.13	37
Valencia	1016.2	54.7	62.3	51.1	81	1887, 1902	37	1912	17	81	3.20	5.13	37
Roche's Point	1016.4	54.5	62.4	51.3	80	1887	39	1912	14	68	2.67	5.13	37
Birr Castle	1015.7	51.2	64.9	48.4	85	1887	32	1881	15	59	2.31	5.13	37
Donaghadee	1015.2	51.8	60.7	49.3	77	1887	37	1885	15	59	2.33	5.13	37
Liverpool (Observatory)	1015.6	54.0	61.6	51.0	85	1893	40	1903, 07	14	56	2.20	5.13	37
Holyhead	1015.5	54.2	61.0	50.6	78	1882, 96	42	1881, 1912	13	55	2.15	5.13	37
Pembroke (St. Ann's Hd.)	1015.8	53.4	60.0	51.3	79	1893	38	1888	13	50	1.98	5.13	37
Seilly (St. Mary's)	1016.4	54.9	61.4	51.0	75	1893	41	1888	13	43	1.71	5.13	37
Falmouth	1017.0	55.5	62.8	52.0	80	1893	42	1914	13	59	2.31	5.13	37
Jersey (St. Aubin's)	1017.6	57.2	64.8	53.0	84	1893	39	1890	12	54	2.11	5.13	37
Portland Bill	1016.2	55.0	61.6	52.2	78	1903	41	1903	10	34	1.33	5.13	37
Dungeness	1015.8	56.2	62.8	51.7	76	1897, 1902, 03, 08, 14	37	1890, 91, 92, 93, 1909	11	40	1.56	5.13	37
Dover	1016.1	56.8	65.6	50.3	82	1915	38	1911	12	54	2.11	5.13	37
Wick	1014.0	50.2	58.0	45.5	77	1887, 92	30	1881, 1903	16	46	1.80	5.13	37
Nairn	1014.1	51.0	62.1	46.5	84</								



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 2135

THURSDAY, 1ST APRIL, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																														
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea		
			Dir.	Force						Form.	Amt.	Form.	Amt.				Dir.	Force						Form.	Amt.	Form.	Amt.		Form.	Amt.
13H. G.M.T. 31 ST														18H. G.M.T. OF 31 ST																
Eskdalemuir ...	998.0	-3	SE	4	om	51	87	4	1-1500	Sc	10	-	-	*	998.7	+2	-	0	om	46	92	7	1-1500	Sc	10	-	-	*		
Valencia (Cahire'n)	998.2	-2	NW	3	C	44	82	8	2-3000	ScCu	5	Ci	2	4	998.6	-1	WSW	2	bc	46	82	8	2-3000	Cu	6	-	-	4		
Baldonnel ...	997.0	-4	-	0	OT	44	92	5	1-1000	Nb	10	-	-	*	996.2	0	-	0	OT	42	99	4	1-1000	Nb	10	-	-	*		
Didsbury ...	998.8	-2	SW	4	o	46	87	6	-	Nb	10	-	-	*	997.5	-1	W	3	bc	45	65	7	-	ScCu	4	-	-	*		
Falmouth ...	1002.3	-2	SSW	2	b	58	55	9	3-4000	F.Cu	2	Ci	1	2	1000.0	-2	SE	2	b	51	75	9	3-4000	ScCu	1	-	-	2		
Calshot (Hants) ...	1002.1	-3	SSW	4	bc	53	75	8	4-5000	Cu	2	Ci	4	*	999.8	-1	SW	3	c	50	75	9	2-3000	ScCu	2	A.Cu	5	*		
Lympne (Folkestone)	1002.1	-3	SSW	4	bc	53	75	8	4-5000	Cu	2	Ci	4	*	999.8	-1	SW	3	c	50	75	9	2-3000	ScCu	2	A.Cu	5	*		
Aberdeen ...	1002.8	0	SE	4	om	44	92	3	-	Sc	10	-	-	4	1002.8	0	SE	4	bq	50	82	7	1-2000	F.Cu	1	Ci	2	*		
Howden ...	1000.3	0	W	4	C	56	75	6	3-4000	ScCu	8	-	-	*	999.6	+1	ESE	4	bq	50	82	7	1-2000	F.Cu	1	Ci	2	*		
Cranwell (Lincs)	1000.8	-2	S	4	C	60	55	8	3-4000	Cu	7	-	-	*	1000.0	-2	S	2	b	53	65	8	3-4000	Cu	2	Ci	1	*		
Felixstowe ...	1004.0	-2	ESE	2	bcz	54	82	5	-	-	-	Ci	3	*	1002.3	0	E	2	bcz	48	92	5	3-1000	ScCu	2	A.Sc	3	*		
Shoeburyness...	1002.8	-3	ESE	1	b	58	55	7	-	-	-	A.Cu	3	*	1000.4	-4	ESE	3	b	49	75	7	-	-	-	A.Cu	3	*		
Benson ...	1000.0	-2	SSW	4	b	58	55	8	-	-	-	-	-	*	998.8	-1	S	4	b	52	55	8	-	-	-	Ci	1	2	*	
S. Farnborough	1001.4	-2	SSW	4	byv	59	45	9	3-4000	Cu	3	-	-	*	1000.2	-2	SSW	4	byz	53	55	7	-	-	-	Cu	1	Ci	1	*
London (Kew Ob.)	1001.7	-2	S	2	bc	58	55	8	4-5000	Cu	5	-	-	*	999.8	-1	S	2	byv	57	55	9	-	-	-	Ci	1	Ci	1	*
Croydon ...	-	-1	SSW	1	bc	57	55	7	2-3000	Cu	6	-	-	*	-	-1	S	1	b	54	55	8	3-1000	Cu	2	Ci	1	*		
1H. G.M.T. OF 1 ST														7H. G.M.T. OF 1 ST																
Eskdalemuir ...	1001.2	+2	ENE	5	C	42	92	6	-	ScCu	8	-	-	*	1003.6	+3	NE	4	om	38	92	6	1-2000	Sc	10	-	-	*		
Valencia (Cahire'n)	1015.3	*	S	2	bc	41	*	*	*	*	*	*	*	0	997.0	+4	NE	1	C	40	87	8	-	Cu	6	Ci	2	3		
Baldonnel ...	996.4	0	-	0	OT	40	98	3	1-1500	Nb	10	-	-	*	996.9	+2	E	3	OT	42	98	3	1-1000	Sc	10	-	-	*		
Didsbury ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	995.9	0	-	0	C	40	92	7	-	ScCu	7	-	-	*		
Falmouth ...	997.1	-1	W	2	byv	41	82	8	-	Cu	2	-	-	*	996.3	0	W	2	OT	41	98	6	1-1000	Sc	10	-	-	2		
Calshot (Hants) ...	997.3	-1	W	2	OT	45	92	7	1-1000	Nb	10	-	-	2	994.7	0	ESE	1	om	44	98	4	5-7000	ScCu	4	A.Sc	6	*		
Lympne (Folkestone)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	994.7	0	ESE	1	om	44	98	4	5-7000	ScCu	4	A.Sc	6	*		
Aberdeen ...	995.6	0	E	5	o	44	98	5	1-2000	Sc	10	-	-	*	1008.7	+2	E	3	bme	44	82	6	-	Sc	3	-	-	5		
Howden ...	995.6	0	E	5	o	44	98	5	1-2000	Sc	10	-	-	*	999.8	0	ENE	5	og	42	98	5	1-1500	Sc	8	A.Sc	1	*		
Cranwell (Lincs)	1009.3	-1	ENE	4	om	45	92	5	2-3000	Sc	10	-	-	*	998.6	0	E	4	cm	43	98	5	1-2000	Sc	10	-	-	*		
Felixstowe ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	997.8	0	NE	2	om	47	92	3	1-1500	Sc	10	-	-	2		
Shoeburyness...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	996.4	-2	-	0	ofe	44	92	4	1-2000	ScCu	8	A.Sc	2	*		
Benson ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	995.3	0	S	1	o	42	92	4	-	Sc	10	-	-	*		
S. Farnborough	*	*	*	*	*	*	*	*	*	*	*	*	*	*	995.9	0	NNE	2	OTM	43	98	4	1-1000	Nb	3	A.Sc	1	*		
London ...	997.3	-3	*	*	*	45	*	*	*	*	*	*	*	*	996.1	0	-	0	ofw	44	92	2	-	Sc	10	-	-	*		
(M.O. at Int.)	*	-3	S	2	C	44	75	3	1-2000	Sc	4	A.Cu	3	*	-	-4	-	0	om	43	87	4	3-4000	ScCu	7	A.Cu	3	*		
Croydon ...	*	-3	S	2	C	44	75	3	1-2000	Sc	4	A.Cu	3	*	-	-4	-	0	om	43	87	4	3-4000	ScCu	7	A.Cu	3	*		
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.									
			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 31 ST														7H. G.M.T. OF 1 ST																
Lerwick ...	1010.3	45	SE	7	bcu	1014.8	+1	44	0	ESE	3	-	bc	3	-	46	41	cmgr	bcu	bc	*									
Stornoway ...	997.5	48	SE	3	o	1007.9	+4	46	+3	SSE	3	-	bc	2	3	48	42	odp	o	bc	0.0									
Castlebay (Barra Is)	998.6	47	SE	2	omd	1004.4	+3	40	-3	NE	5	-	cq	*	9	48	39	rm.ong	rmg	doopm	0.0									
Glasgow ...	998.2	43	N	2	omr	1000.0	+3	44	+1	E	3	-	om	3	6	45	41	omr	omr	omp	0.0									
Malin Head ...	994.6	48	-	0	bc	997.4	+3	44	+4	ENE	2	-	bc	1	1	52	36	bc	bc	bc.bcp	*									
Blacksod Point	997.3	46	W	2	o	996.2	+1	42	-1	N	2	NW	bc	2	6	50	41	a.c.p.og	c.c.p.	bc	*									
Roche's Point...	995.0	45	SW	1	C	996.0	+	40	0	NW	1	-	T	*	1	50	35	o	cdh	c.c.d.r	1.5									
Birr Castle ...	997.4	44	SE	1	omr	1000.0	+	44	-1	E	5	-	omg	5	5	47	42	omr	omr	omg	*									
Donaghadee ...	997.4	44	SE	1	omr	1000.0	+	44	-1	E	5	-	omg	5	5	47	42	omr	omr	omg	*									
Liverpool (Bidston)	996.2	51	SE	3	bc	997.4	0	45	-5	E	4	-	om	3	0.2	54	44	om	c.bc	c.c.d.e	0.2									
Holyhead ...	995.7	43	W	3	or	996.4	+1	44	-3	E	5	SE	omg	3	15	47	41	orm	c.or	om.opc	0.0									
Pembroke (St. Ann's Head)	995.8	43	W	3	C	996.1	0	40	-6	ESE	1	-	C	2	19	47	39	ofm	om	C	0.0									
Scilly (St. Mary's)	998.8	45	W	4	bc	995.4	-2	44	-4	W	1	W	C	3	8	51	43	sp	c.bcp	bc.c	4.0									
Jersey (St. Aubin)	999.5	52	SE	3	b	997.6	0	44	+4	W	2	-	b	2	5	55	40	b	b.b.c.h	or.b	9.5									
Portland Bill ...	998.0	48	SSW	4	C	996.6	0	49	0	WNW	2	-	bc	4	6	53	42	bc	bc.c	or.b	*									
Dungeness ...	1000.5	49	SW	3	b	995.6	-1	47	0	S	1	-	C	0	-	54	40	bc	bc	bc	*									
Wick ...	1003.8	43	SE	8	omdg	1010.8	+3	44	+1	E	3	-	bc	4	1	44	43	omrg	omdg	bcq	*									
Nairn ...	999.9	47	SSE	6	bc	1008.9	+	43	-2	E	2	-	om	2	1	56	41	p.arn	cq.bc	cqm	3.0									
Leith ...	998.8	44	ESE	2	o	1004.7	+1	42	-1	ENE	3	-	o	3	-	53	41	om.o	ogm.c.o	o.c.g.o	*									
Tynemouth ...	1000.4	44	SSE	4	bcu	1002.5	0	42	0	SE	4	-	om	5	-	46	41	fe	bcu	om	*									
Spurn Head ...	999.2	46	SE	5	cm	999.2	-2	44	-2	E	6	-	o	5	-	52	40	fe	cm	o	*									
Yarmouth (Gut Leston)	1001.9	47	SE	3	bc	998.1	0	45	0	E	3	-	om	2	-	50	44	bc	bc	bc.om	10.0									
Clacton-on-Sea	1000.9	50	SE	3	bc	996.2	0	48	0	NE	3																			

SUMMARY OF CONDITIONS AT 7 A.M. Thursday 1st April 1920.

Districts.	Wind Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	var 0-10	r.mild	Dull, local rain, mist & fog.	var. Indiff	Smooth
2. E. England	E-NE 2-15.	mild	Dull, mist locally.	Poor	-
3. E. Midlands	var 2-10	"	Dull some mist & drizzle	-	-
4. W. Midlands	Var 0-10	Mod.	Cloudy or dull.	Good	Slight
5. S.W. England	Var 0-5.	"	Fair or cloudy.	Indiff	Smooth
6. South Wales	ESE 0-5.	r.cold.	Cloudy	Poor	Slight
7. North Wales	E 10-20	Mod.	Dull, misty.	"	"
8. N.W. England	E 15-20	r.mild	Dull, misty.	Indiff	-
9. N. Midlands	NE-E 10-15.	"	Dull, local mist.	"	r.rough
10. N.E. England	NE-SE 15-25	"	Dull, local mist & squalls	Fair	r.rough
11. E. Scotland	NE-E 5-10	mild.	Fair to dull, some mist	Indiff	Mod. r.rough
12. S.W. Scotland	NE 15-20	Mod.	Cloudy or dull, local mist & squalls	Fair	Slight
13. Isle of Man	E 20.	r.mild.	Dull, misty.	"	Smooth
14. N. & N.W. Scotland	NE-SE 10-15	mild.	Fair to cloudy.	"	Mod.
15. Hebrides	E-SE 10.	"	Fair to dull.	"	Smooth
16. Orkneys and Shetlands	ESE 10.	"	Fair.	"	Mod.
17. N.W. Ireland	ENE 5-10.	Mod.	Fair to dull, some mist	"	Smooth
18. N.E. Ireland	E 10-20	r.mild.	Dull, misty, local squalls	Indiff	Mod.
19. S.E. Ireland	N-E 2-10	r.cold.	Cloudy or overcast some rain.	Poor	Slight
20. S.W. Ireland	N-NE 2-5.	cold.	Fair or cloudy.	good	"



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

Pressure is highest in the anticyclone over Scandinavia and lowest over the Channel and the Netherlands. Easterly winds, dull weather and occasional light rain will be maintained in our Eastern districts. In the western districts fair intervals are probable. Similar conditions with winds from between E and NE will probably be maintained.

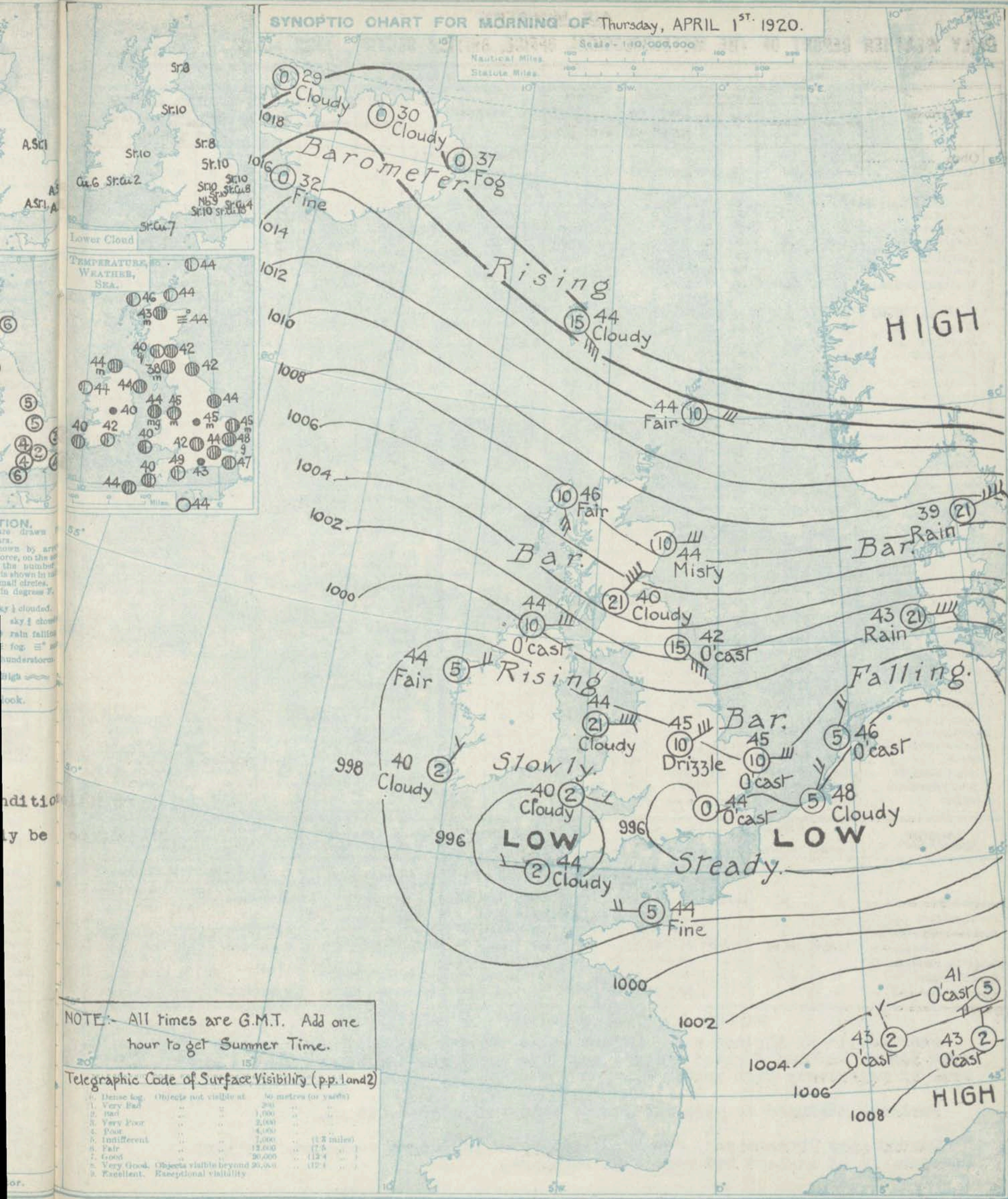
EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of two millibars.
WIND.—Direction is shown by arrow flying with the wind. Force, on the 0-12, is indicated by the number of feathers. Mean velocity is shown in m.p.h. per hour by figures in small circles.
TEMPERATURE is given in degrees F.
WEATHER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

Districts.	Forecasts for the 24 hours commencing 15h. Thursday 1st April, 1920.
1. S.E. England	Light to moderate Easterly to Northeasterly breezes. Dull, occasional light rain. visibility indifferent to rain, mist locally. Moderate temperature.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Light to fresh Easterly or Northeasterly winds. Much low cloud, occasional light rain, fairer intervals. visibility indifferent to rain. Moderate temperature.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Moderate or fresh Easterly or Northeasterly winds. Dull occasional light rain. Visibility indifferent. Moderate temperature.
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	Same as districts 5 - 8.
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Light or moderate Easterly to Northeasterly breezes Much low cloud, rain intervals, light rain locally. Visibility fair. Moderate temperature.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Further Outlook.
 Similar conditions will probably be maintained.

SYNOPTIC CHART FOR MORNING OF Thursday, APRIL 1ST. 1920.

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



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

Telegraphic Code of Surface Visibility (pp. 1 and 2)

		no metres (or yards)	
1. Dense fog.	Objects not visible at	200	
2. Very Bad	"	1,000	
3. Bad	"	2,000	
4. Very Poor	"	4,000	
5. Poor	"	7,000	(1 1/2 miles)
6. Indifferent	"	12,000	(7 1/2 miles)
7. Fair	"	20,000	(12 1/2 miles)
8. Good	"	30,000	(18 1/2 miles)
9. Very Good.	Objects visible beyond	30,000	
10. Excellent.	Exceptional visibility		

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 92.

THURSDAY
1st APRIL

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

STATIONS.	WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.
Scotland.									England, N.W.								
Oban ...			45	43	1	0.2	0.0	0.0	Douglas (I.O.M.)			53	50	6	0.3	0.1	0.4
Banff ...	om	mr	45	43	1	0.2	0.0	0.0	Blackpool ...	ro	c	53	50	6	0.3	0.1	0.4
Montrose ...			48	42	6	-	0.2	?	Southport ...	o	oc bc	54	49	6	-	0.5	0.4
St. Andrews ...																	
England, N.E.									Midlands.								
Harrogate ...	fo	oc bc	55	40	0.1	-	1.2	0.0	Buxton ...	bc bc b	b bc bb	54	45	-	-	3.6	?
Scarborough ...	of	b	48	40	-	-	2.1	0.0	Leamington Spa ...	b	b	59	48	-	-	8.4	3.0
Skegness ...	bc b	b bc	56	44	-	-	8.5	7.0	Malvern ...	b bc	bc	56	46	11	-	8.2	2.5
England, E.									Ross-on-Wye ...	oc bc	bc ycy	58	46	4	-	7.3	2.4
Lowestoft ...	bc	bc	54	45	-	-	7.8	4.3	Bath ...	b bc	b bc co	58	46	-	-	8.4	4.9
Felixstowe ...	bc	bc	54	48	-	-	9.0	6.5									
Southend-on-Sea ...	b	b bc	60	42	-	-	9.0	1.7	Wales.								
									Rhyl ...	pc	c bc e	54	44	10	0.1	0.4	0.7
England, S.E.									Colwyn Bay ...	*	*	54	48	10	-	0.6	0.0
Tunbridge Wells	b	b	60	40	-	-	10.1	2.2	Llandudno ...	*	*	59	45	-	-	8.4	0.3
Margate ...	b	b	59	44	-	-	8.6	0.3	Aberystwyth ...	roc	coo	52	48	19	-	0.0	6.0
Ramsgate ...									Swansea ...								
Folkestone ...	b	bc	58	45	-	-	8.8	0.6	England, S.W.								
Hastings ...	or b	b	58	43	1	-	10.7	0.2	Weymouth ...	bc	b c c	55	47	0.2	-	8.0	7.5
Eastbourne ...	b	b	56	46	1	-	11.0	0.9	Teignmouth ...	bc	o	55	45	-	0.2	4.6	8.0
Brighton ...	b	b bc b	54	44	0.2	-	10.4	2.1	Torquay ...	bc	bc or	55	46	-	0.4	6.7	8.1
Worthing ...	b	b	57	42	-	-	10.6	3.2	Paignton ...	bc	bc or	55	43	-	2	5.8	8.4
Littlehampton ...	b	b	62	44	-	-	10.8	3.4	Penzance ...	or	c bc or	50	45	2	3	2.0	3.5
Portsmouth (S'bea) ...	*	*	57	37	-	-	10.3	5.0	Newquay ...	bc or	ore	49	42	1	9	0.4	3.9
Bournemouth ...	*	*	55	43	-	-	9.5	6.4	Bude ...								
Ventnor (I. of W.)	*	*	55	45	-	-	1.0	3.5	Ilfracombe ...	b c c o	or	54	45	-	5	1.1	5.2
									Weston-s-Mare ...	bc	b c c	57	47	1	-	8.0	4.3

STATIONS.

SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.		TEMPERATURE.		Rainfall.		Sun.	
	7h-13h	13h-18h	Max. F.	Min. F.	Max. Temp. F.	Min. Temp. F.	Min. on Grass. F.	Hours.
Eskdalemuir ...	om c om	om u om	51	37	55	5	-	0.0
Valencia (Cahirciveen) ...	cop	c bc p	48	39	35	2	1	5.3
Baldonnel ...	oor	or	44	41	*	*	*	*
Didsbury ...	or	or c p c	49	36	31	7	2	0.6
Falmouth ...	b bc v	b v	50	41	41	-	6	10.9
Calshot (Hants) ...	bc	b c c	56	38	33	-	-	10.3
Lympne (Folkestone) ...								
Aberdeen ...	adm	adm	44	41	38	trace	-	0.0
Howden ...	g c o	g b c c	60	42	*	*	*	*
Cranwell (Linca) ...	b c c	b c c	61	42	44	2	1	10.4
Felixstowe ...	b c c z	b b c z	54	47	*	*	*	*
Shoeburyness ...	b c b	b	58	41	32	-	-	5.4
Benson ...	bc b	b	59	41	33	-	-	*
S. Farnborough ...	of bc v	b v bc v	60	39	29	-	1	9.2
London (Kew Obs.) ...	bmw bc	bc v b v	60	42	32	-	-	11.5
Croydon ...	z b c c	p d c	-	-	*	*	*	*

BEAUFORT NOTATION.

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

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

THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.

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	1.6-3.8
3	8-12	5.4-5.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.6
12	Above 76	33.6 or above

SYMBOLS—

Aurore ☆ Solar halo ⊕
 Rime ⊙ Lunar halo ⊕
 Glazed frost ⊙ Solar corona ⊕
 Glazed roads ⊙ Lunar corona ⊕

LONDON OBSERVATIONS.

STATIONS.	WEATHER.		TEMPERATURE.		Rainfall.		Sun.		Humidity %	
	Morning.	Afternoon.	Max. F.	Min. F.	Max. Temp. F.	Min. Temp. F.	Min. on Grass. F.	Hours.	15 h. G.M.T.	9 h. G.M.T.
24 HOURS ENDED ON G.M.T. 1st										
Greenwich (Royal Observatory)	b	b	64	40	31	-	11.0	50	89	
City (Bunhill Row)	*	*	*	*	*	*	9.6	*	*	
Westminster (St. James's Park)	*	*	62	44	35	-	11.1	47	85	
" (Admiralty Arch)	bz bc v	bc b v	62	47	*	-	10.5	62	91	
Camden Sq. (British Rainfall)	b	b	64	43	37	-	*	53	92	
Kensington Palace	b	b bc.	62	41	33	-	*	50 (18h)	91	
Hampstead Observatory	*	*	60	42	34	trace	10.2	*	93	

SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.

Total ... 143.7 Joules.

Average Rate. 31.2

Maximum Rate. 65

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

Stations.	1st APRIL 1920.		
	Sunrise.	Noon.	Sunset.
Yarmouth ...	5.30	11.57	6.24
Greenwich ...	5.38	12.4	6.30
Wick ...	5.42	12.16	6.50
Valencia ...	6.19	12.45	7.11

NOTES ON THE WEATHER OF YESTERDAY.

Over Scotland, England W and SW and Wales the day was dull with rain in places. Over East and Southeast England the day was fine under the influence of a small area of relatively high pressure.

Pembroke measured as much as 19mm of rain and Holyhead 15 mm.

London (Kew Observatory) recorded 11.5 hours of bright sunshine. Several Stations in SE England had more than 10 hours.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.21.316

FRIDAY, 2ND APRIL.....1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																												
STATIONS.		BAROM. at M.S.L. mb.	Change in 3 hours.	WIND. Dir. Force 0-12.	Weather.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND. Dir. Force 0-12.	Weather.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.	
13H. G.M.T. OF 1 ST															18H. G.M.T. OF 1 ST													
48	Eskdalemuir	1002.7	-2	NE	6	adm	40	92	5	15-2000	Nb	10	-	-	1002.5	0	NNE	2	om	38	92	7	15-2000	Nb	10	-	-	*
43	Valencia (Cahire'n)	1000.7	+3	NNE	3	c	48	75	8	15-2000	Cu	7	-	-	1004.4	+6	N	3	cz	49	75	7	2-3000	Cu	7	-	-	3
50	Baldonnell	1001.0	+1	ENE	3	orf	43	98	3	15-2000	Sc	10	-	-	1003.7	+2	NE	4	orf	44	92	4	15-2000	Sc	10	-	-	*
54	Didsbury	995.7	0	SSE	2	bc	51	65	7	-	CuN	4	CiCu	1	997.3	+2	NNW	4	c	47	75	6	-	Cu	4	F.C.	3	*
50	Falmouth	996.1	0	-	0	ou	45	-	-	1-1500	ScCu	10	-	-	996.2	+2	NW	1	orf	43	92	6	15-2000	Nb	10	-	-	1
43	Calshot (Hants)	994.1	-1	SSW	4	or	44	98	7	1-1500	Nb	10	-	-	994.4	+1	SW	3	bc	43	87	8	3-4000	ScCu	2	A.Sc.	2	*
48	Lympne (Folkestone)	994.1	-1	SSW	4	or	44	98	7	1-1500	Nb	10	-	-	994.4	+1	SW	3	bc	43	87	8	3-4000	ScCu	2	A.Sc.	2	*
53	Aberdeen	1008.3	-2	ENE	5	or	43	75	6	-	Nb	10	-	-	1007.4	-1	NNE	3	or	43	87	6	-	Nb	10	-	-	4
54	Howden	998.8	-6	NE	5	0	46	75	6	2-3000	ScCu	10	-	-	997.1	-1	N	4	or	43	98	5	15-2000	Nb	10	-	-	*
55	Cranwell (Lines)	997.9	-2	ENE	5	om	44	82	5	1-1500	ScCu	10	-	-	997.2	-0	NNE	4	om	44	92	6	15-2000	ScCu	10	-	-	*
63	Felixstowe	996.5	-1	ENE	2	rf	47	98	3	15-2000	Nb	5	-	-	997.0	+2	-	0	om	44	98	4	15-2000	Sc	6	A.Sc.	4	*
46	Shoeburyness	995.7	-1	SW	3	or	44	82	5	2-3000	Nb	7	A.Sc.	3	995.8	-1	-	0	om	44	82	6	2-3000	CuN	7	A.Sc.	2	*
57	Benson	994.8	-1	WNW	1	r	42	98	3	-	-	-	-	-	995.3	+1	N	2	or	43	98	4	-	Nb	10	-	-	*
54	S. Farnborough	995.7	-2	WNW	3	orm	45	92	7	15-2000	Nb	10	-	-	995.8	+1	NNW	2	orm	42	98	6	15-2000	Nb	10	-	-	*
	London (Kew Obs.)	995.5	0	N	1	orm	45	92	7	-	Sc	10	-	-	995.5	+1	NNW	1	orm	44	92	4	-	Nb	10	-	-	*
	Croydon	996.4	0	E	1	or	44	92	4	15-2000	Nb	10	-	-	996.3	0	WSW	1	or	42	92	4	15-2000	Nb	10	-	-	*
1H. G.M.T. OF 2 ND															7H. G.M.T. OF 2 ND													
55	Eskdalemuir	1000.9	-3	NNE	6	r	38	87	5	-	Nb	10	-	-	999.8	-1	NNE	6	orm	40	98	4	15-2000	Nb	10	-	-	*
63	Valencia (Cahire'n)	1009.0	+2	NNW	3	bc	49	-	-	-	-	-	-	-	1010.1	+1	NE	1	bis	38	92	8	-	Cu	2	-	-	*
46	Baldonnell	1006.1	+4	NE	4	og	42	92	6	1-1500	ScCu	10	-	-	1008.1	0	N	3	og	41	92	5	1-1500	ScCu	2	A.Sc.	8	*
57	Didsbury	1001.6	+2	NNW	3	0	44	87	5	-	CuNb	5	A.Sc.	5	1001.6	+3	NW	5	orp	43	82	6	-	CuNb	10	-	-	*
54	Falmouth	997.2	+1	NNW	2	r	43	92	6	-	Nb	10	-	-	999.9	+4	NNW	3	r	43	92	2	15-2000	Nb	10	-	-	1
	Calshot (Hants)	997.2	+1	NNW	2	r	43	92	6	-	Nb	10	-	-	997.2	+3	NNW	2	orm	41	98	3	3-4000	Nb	9	-	-	*
	Lympne (Folkestone)	997.2	+1	NNW	2	r	43	92	6	-	Nb	10	-	-	997.2	+3	NNW	2	orm	41	98	3	3-4000	Nb	9	-	-	*
	Aberdeen	1005.3	+2	ENE	3	0	43	92	6	-	Nb	10	-	-	1005.3	+2	ENE	3	0	43	92	6	-	Nb	10	-	-	5
	Howden	998.5	-1	-	0	r	38	98	5	15-2000	ScCu	10	-	-	998.5	-1	-	0	r	38	98	5	15-2000	ScCu	10	-	-	*
	Cranwell (Lines)	998.0	0	NNE	3	r	42	92	5	2-3000	Sc	10	-	-	999.8	+3	NNH	2	og	40	98	7	1-1500	Sc	10	-	-	*
	Felixstowe	999.6	+1	N	1	c	42	92	5	1-1500	Sc	8	-	-	999.6	+1	N	1	c	42	92	5	1-1500	Sc	8	-	-	3
	Shoeburyness	999.1	+3	N	1	cfc	34	87	3	5-7000	ScCu	7	-	-	999.1	+3	N	1	cfc	34	87	3	5-7000	ScCu	7	-	-	*
	Benson	999.3	+3	NW	2	0	42	98	3	-	Sc	10	-	-	999.3	+3	NW	2	0	42	98	3	-	Sc	10	-	-	*
	S. Farnborough	1000.1	+3	NNW	3	om	41	98	3	1-1500	Nb	9	A.Sc.	1	999.5	+4	NW	1	om	43	92	5	1-1500	ScCu	10	-	-	*
	London (M.O. at 1st)	997.0	+3	SSE	1	c	37	98	3	-	-	-	-	997.0	+3	-	0	of	41	98	1	1500	Sc	10	-	-	*	
	Croydon	997.0	+3	SSE	1	c	37	98	3	-	-	-	-	997.0	+3	-	0	of	41	98	1	1500	Sc	10	-	-	*	
STATIONS CONTRIBUTING REPORTS AT 7H. AND 13H.																												
STATIONS.		BAROM. at M.S.L. mb.	TEMP. °F.	WIND. Dir. Force 0-12.	Weather.	BAROMETER. at M.S.L. mb.	TEMPERATURE. °F.	WIND. Dir. Force 0-12.	WEATHER.	SEA.	RAINFALL. mm.	TEMP.			WEATHER.			Sunshine Hours.										
												Max. °F.	Min. °F.	Morning. °F.	Afternoon. °F.	Night. °F.												
13H. G.M.T. OF 1 ST																		150										
55	Lerwick	1011.4	44	NE	4	bc	1011.3	0	45	NE	2	-	bc	41	bc	bc	*											
	Stornoway	1011.4	46	E	4	bc	1009.6	0	44	NE	3	-	bc	41	bc	bc	11.7											
	Castlebay (Barra)	1011.4	46	E	4	bc	1009.6	0	44	NE	3	-	bc	41	bc	bc	11.7											
	Glasgow	1005.2	41	NNE	3	0	1003.3	0	42	NNE	3	-	bc	39	bc	bc	0.0											
	Malin Head	1006.0	45	NNW	1	0	1008.2	0	44	NNW	3	-	bc	42	bc	bc	4.6											
	Blacksod Point	1005.8	48	NE	2	bc	1004.9	0	47	NNW	3	-	bc	42	bc	bc	*											
	Roche's Point	1002.9	47	NNE	3	og	1004.4	+1	45	NW	3	-	bc	42	bc	bc	*											
	Birr Castle	1003.8	44	N	1	0	1005.4	-	38	N	1	-	bc	42	bc	bc	0.6											
	Donaghadee	1004.7	44	NE	1	og	1004.2	-	43	N	4	-	bc	42	bc	bc	*											
	Liverpool (Bidston)	998.9	44	NE	3	0	998.8	-1	41	NW	3	-	bc	41	bc	bc	0.1											
	Holyhead	1000.2	45	NE	5	c	1001.0	0	43	N	6	-	bc	41	bc	bc	0.2											
	Pembroke (St. Ann's Head)	998.6	45	NE	3	od	1003.8	+2	43	NW	3	-	bc	41	bc	bc	1.2											
	Scilly (St. Mary's)	999.2	46	NNW	4	ov	1005.6	+2	45	NW	5	-	bc	41	bc	bc	5.7											
	Jersey (St. Aubin)	995.3	46	W	2	or	1001.5	+2	46	NNW	2	-	bc	41	bc	bc	3.8											
	Portland Bill	996.2	48	NNW	1	c	999.4	+4	46	NNW	4	-	bc	41	bc	bc	*											
	Dunageess	995.5	46	WSW	3	bc	998.4	+3	39	NNW	3	-	bc	41	bc	bc	*											
	Wick	1009.5	44	NNE	3	bc	1008.0	0	44	NNE	4	-	bc	41	bc	bc	*											
	Nairn	1009.2	43	ENE	3	cm	1007.1	-	41	E	1	-	bc	41	bc	bc	3.2											
	Leith	1004.6	42	NE	6	r	1001.6	0	41	NE	6	-	bc	41	bc	bc	*											
	Tynemouth	999.5	42	NE	5	mq	999.1	+3	41	SE	4	-	bc	41	bc	bc	*											
	Spurn Head	996.8	44	NE	4	og	999.3	+3	44	SE	2	-	bc	41	bc	bc	*											
	Yarmouth (Got. station)	996.4	45	NE	3	0	999.6	+1	49	NE	3	-	bc	41	bc	bc	2.1											
	Clacton-on-Sea	996.0	45	NE	2	r	998.7	+3	42	N	3	-	bc	41	bc	bc	0.0											
	Nottingham	997.1	44	NNE	2	c	999.6	-	40	N	1	-	bc	41	bc	bc	0.0											

SUMMARY OF CONDITIONS AT 7 A.M. - h.GMT. Friday, 2nd April, 1920.

Districts.	Wind Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	NW-N 5-15	Normal	Dull, misty; rain in places.	Indiff.	Slight
2. E. England	N-E 5-15	"	Dull, misty.	fair	Mod.
3. E. Midlands	N 0-5	"	Misty, gloomy; rain in places.	Indiff.	-
4. W. Midlands	NW 5-10	"	Dull, some rain; squally.	Poor	-
5. S.W. England	NW 15-25	"	Dull, hail showers.	Fair	R. Rough
6. South Wales	NW 5-15	"	Dull.	"	Smooth
7. North Wales	N 25-30	"	Squally; showery.	Indiff.	R. Rough
8. N.W. England	N 15-25	"	Dull, some rain.	"	Mod.
9. N. Midlands	NNE 5-10	"	Rainy, misty.	"	"
10. N.E. England	NE-SE 5-15	"	Rainy, misty.	"	Mod.
11. E. Scotland	E 5-15	"	Drizzle, misty.	fair	R. Rough
12. S.W. Scotland	NNE 25-30	"	Rainy, misty; high wind.	Poor	Mod.
13. Isle of Man	N 10-15	"	Dull, some rain & mist.	Indiff.	"
14. N. & N.W. Scotland	N-NE 10-15	"	Drizzle, misty, rain in places.	"	"
15. Hebrides	NE 10-15	R. Mild	Dull.	Fair	Smooth.
16. Orkneys and Shetlands	NE 5-10	"	Fine.	Good	V. Smooth
17. N.W. Ireland	NNW 5-10	Normal	Fine.	Good	Smooth
18. N.E. Ireland	N 15-20	"	Rain.	Indiff.	Mod.
19. S.E. Ireland	W-NW 5-15	"	Fine.	Good	Smooth
20. S.W. Ireland	NE 0-5	Cold	Fine.	Good	Slight.

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

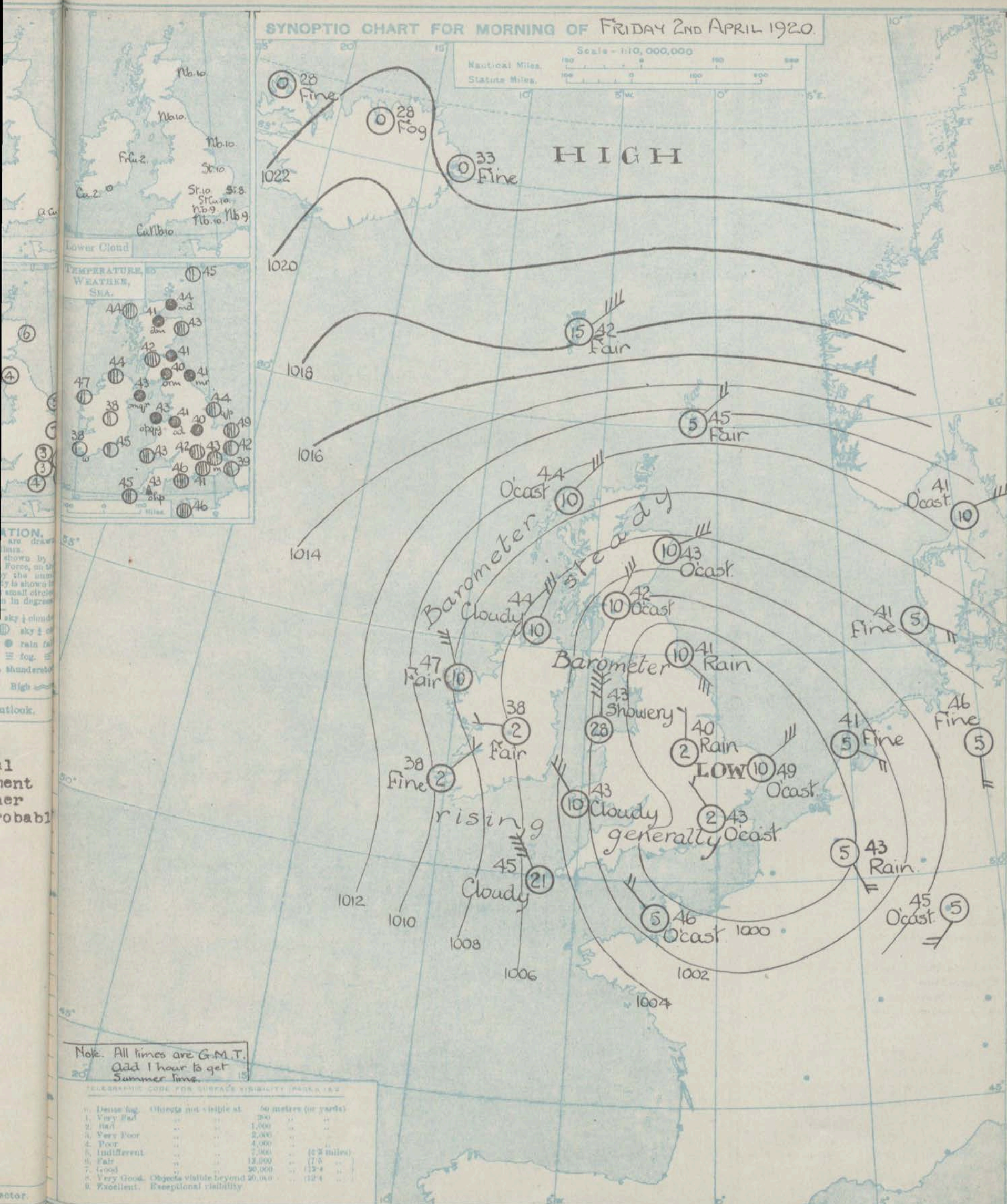
A depression centred over Belgium is filling up. Winds from between N.E. and N.W. with much low cloud and rain at times will prevail generally today. Tomorrow there will probably be considerable fair intervals especially in our Western districts. A gradual improvement in weather seems probable.

EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of two millibars.
WIND.—Direction is shown by arrow 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 & clouds. ☂ sky & rain. ☄ overcast sky. ☉ rain fall. * snow. A hail. = fog. T thunder. Z squally.
SEA DISTURBANCE.—
 Rough. High.

Districts.	Forecasts for the 24 hours commencing 3 p.m. 15h. GMT. Friday 2nd April, 1920.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Light or moderate Northerly to North-westerly breezes; dull with low cloud and rain at times today; probably showers and fairer intervals tomorrow; indifferent visibility improving; moderate temperature.	A gradual improvement in weather seems probable.
7. North Wales 8. N.W. England 9. N. Midlands	Moderate or fresh winds from N. or N.W.; much low cloud; rain at times today; showers and considerable fair intervals tomorrow; visibility fair; moderate temperature.	
10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland	Light to moderate Northerly or North-easterly breezes; much low cloud; local showers; visibility fair; moderate temperature.	
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light or moderate Northerly or North-westerly breezes; local showers and fair intervals; visibility good; moderate temperature.	

SYNOPTIC CHART FOR MORNING OF FRIDAY 2ND APRIL 1920.

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



Note. All times are G.M.T.
Add 1 hour to get
Summer time.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PART 1 & 2)

	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
5. Indifferent		12,000
6. Fair		20,000
7. Good		30,000
8. Very Good	Objects visible beyond 20,000	
9. Excellent	Exceptional visibility	

WEATHER, TEMPERATURE RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 1 st																				
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.			STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night, 17h-24h. 31 st -1 st	Day, 9h-17h. 1 st	to 17h. 1 st	Sunrise to Sun-set. 31 st				Forenoon.	Afternoon.	Max. F.	Min. F.	Night, 17h-24h. 31 st -1 st	Day, 9h-17h. 1 st	to 17h. 1 st	Sunrise to Sun-set. 31 st
Scotland.	Oban	oc	bcc	53	43	1	-	3.9	?	England, N.W.	Douglas (I.O.M.)									
	Banff	bc	co	48	40	-	-	3.5	0.0		Blackpool	oc	o	48	43	1	-	1.5	0.1	
	Montrose	o	or	45	41	-	2	0.0	?		Southport	oco	oco	48	43	1	-	0.4	0.5	
	St. Andrews																			
England, N.E.	Harrogate	op	op	44	40	2	1	0.0	1.9	Midlands.	Buxton									
	Scarborough	f	m	47	41	-	0.2	0.0	2.1		Leamington Spa.	od	o	47	41	0.2	1	0.0	8.7	
	Skegness										Malvern	or	ro	47	41	1	3	0.0	8.2	
	Lowestoft										Ross-on-Wye	grom	grr	46	40	5	3	0.0	7.8	
England, E.	Felixstowe	ogr	ogr	47	43	0.3	3	0.0	9.2	Wales.	Bath	r	r	44	40	6	7	0.0	8.5	
	Southend-on-Sea...	ogdr	or	48	42	0.2	2	0.0	9.0		Rhyl	cp	co	47	43	-	1	0.2	0.4	
											Colwyn Bay	*	*	45	42	-	2	0.0	0.6	
											Llandudno	or	o	47	43	-	1	0.0	8.4	
England, S.E.	Tunbridge Wells	or	oro	47	40	1	3	0.0	10.6	England, S.W.	Aberystwyth	roc	co	47	43	6	3	0.0	0.0	
	Margate	cor	or	51	45	-	4	0.1	8.6		Swansea									
	Ramsgate	*	*	48	42	-	4	0.1	?		Weymouth	bbe	bbe	51	35	7	-	6.8	4.6	
	Folkestone	mo	bc	48	44	2	-	1.8	8.8		Teignmouth	ocbc	bcc	51	36	6	-	7.5	6.7	
	Hastings	orc	ocb	48	44	1	1	3.3	11.8	Paignton	bc	bcc	51	32	5	-	8.2			
	Eastbourne	oro	ocbc	50	41	3	1	2.7	12.0	Penzance										
	Brighton	b	c	49	42	2	1	0.9	11.6	Newquay										
	Worthing	o	c	50	43	2	0.3	1.4	10.6	Bude										
	Littlehampton	r	co	52	41	5	2	0.2	11.6	Ilfracombe										
	Portsmouth (S th sea)									Weston-s-Mare										
	Bournemouth	*	*	49	39	3	4	0.1	9.5											
	Ventnor (I. of W.)	*	*	51	40	2	-	4.3	10.6											

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION. b blue sky (not more than a quarter covered). bc sky partly cloudy (one half covered). c generally cloudy (three quarters covered). d drizzle, or fine rain. e wet air without rain falling. f fog. g gloom. h hail. i lightning. m mist. o overcast sky. p passing showers. q squalls. r rain. rs sleet, i.e., rain and snow together. s snow. t thunder. u ugly, threatening sky. v unusual visibility. w dew. x hoar frost. y dry air; humidity less than 60 per cent. z dust haze; the turbid atmosphere of dry weather.	THE BEAUFORT SCALE OF WIND FORCE. Used only for surface observations.			
	WEATHER.					Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	RAINFALL.			Sun. Hours	No.	Limits of Velocity at about 30 feet above ground.	
	7h-13h.	13h-18h.	18h-24h.	24h-7h.	24h-7h.	Day. 7h-13h.	Night. 13h-7h.	inches.	inches.			Statute miles per hour.		Meters per second.	
Eskdalemuir	omodm	omodm	omodm	omodm	41	37	34	1	6	0.0		0	Less than 1	Less than 0.8	
Valencia (Cahirciveen) ...	cop	cpz	cpz	cpz	49	38	32	2	-	3.4		1	1-3	0.8-1.5	
Baldonnell	omrr	orr	orr	orr	44	-	-	-	-	*		2	4-7	1.6-3.8	
Didsbury	cocbc	cpobc	bcpc	bcpc	52	39	40	-	1	5.8		3	8-12	5.4-8.4	
Falmouth	rr.p	ur	ur	ur	49	41	41	2	4	0.3		4	13-18	5.5-7.9	
Calshot (Hants)	op	op	op	op	47	37	28	4	1	0.9		5	19-24	8.0-10.7	
Lympe (Folkestone) ...												6	25-31	10.8-13.9	
Aberdeen	cforq	orf	orf	orf	47	41	40	1	4	1.1		7	32-38	13.9-17.1	
Howden	pd.o	do	do	do	47	38	-	-	-	*		8	39-46	17.2-20.7	
Cranwell (incs)	omo	omp	omp	omp	46	39	-	trace	2	0.0		9	47-54	20.8-24.4	
Felixstowe	corr	rrom	rrom	rrom	47	35	-	-	-	*		10	55-63	24.5-28.4	
Shoeburyness	ofx.or	orod	orod	orod	49	31	26	2	-	0.0		11	64-75	23.6-33.6	
Benson	or	rr	rr	rr	46	40	39	6	2	*		12	Above 75	33.6 or above	
S. Farnborough	orm	orm	orm	orm	46	40	38	9	5	0.0					
London (Kew Obsy.) ...	omw.orm	orm	orm	orm	49	42	39	5	1	0.0					
Croydon	z.rr	rr.rom	rr.rom	rr.rom	47	4	-	-	-	*					

LONDON. OBSERVATIONS.		WEATHER.		Max. Temp. °F.		Min. Temp. °F.		Mil. on Grass °F.		Rain- fall.		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.						mm.																	
24 HOURS ENDED 24 G.M.T. 2 nd												YESTERDAY		TO-DAY.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.		2 nd & 3 rd APRIL 1920.									
																		Stations.		Sunrise.		Noon.		Sunset.			
Greenwich (Royal Observatory)		0.01	01.01	01.0.0	51	34	32	9	0.0	91	84									G.M.T.		G.M.T.		G.M.T.			
City (Banhill Row) ...		*	*	*	*	*	*	*	*	*	*									Yarmouth...		5.28		11.57		6.26	
Westminster (St. James's Park)		*	*	*	*	*	*	*	*	*	*									Greenwich		5.26		11.57		6.24	
" (Admiralty Arch)		0.01.01	01.01	01.01.01	51	44	*	4	0.0	95	91									Total		Joules.					
Camden Sq. (British Rainfall)		0.01	01	*	48	41	39	4	*	94	86									Milliwatts.							
Kensington Palace ...		0.01	1	*	49	41	41	6	*	92 (181)	88									Average Rate.							
Hampstead Observatory ..		*	*	*	47	40	32	9	*	*	93									Maximum Rate.							
																				Valencia ...		6.17		12.45		7.13	
																						6.15		12.45		7.15	

NOTES ON THE WEATHER OF YESTERDAY.

There was much low cloud generally over the country, especially in the Eastern districts. As much as 11.7 hours of bright sunshine were recorded at Stornoway and 8.2 hours at Paignton but these amounts were exceptional. Rainfall was heaviest on the East Coasts. Clacton measured 9 m.m. of rain this morning and Leith 8 m.m.

Temperatures were lower than of late and 50° F. was exceeded at only a few stations. The thermometer fell to 31° F. at Shoeburyness.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B21,317

SATURDAY, 3RD APRIL, 1920.

D 7h 3m

TEMPERATURE.

Min.

° F.

46

45

44

43

42

41

40

39

38

37

36

35

34

33

32

31

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0

-1

-2

-3

-4

-5

-6

-7

-8

-9

-10

-11

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-36

-37

-38

-39

-40

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

STATIONS.	Barom.	Change in 3 hours.	Wind. Direc.	Force 0-12.	Weather.	Temp. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Form.	Sea. 0-9.	Barom.	Change in 3 hours.	Wind. Direc.	Force 0-12.	Weather.	Temp. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Upper Cloud. Form.	Sea. 0-9.																					
	at M.S.L. mb.												at M.S.L. mb.																																
13H. G.M.T. 2 nd																							16H. G.M.T. OF 2 nd																						
Eskdalemuir	1004.2	+4	ENE	5	0	46	87	7	1½-2000	St. Cu	8	A. Cu	1	*	1008.0	+4	NE	4	0	43	87	7	3-4000	St. Cu	9	-	-	*																	
Valencia (Cahire's)	1009.9	0	NW	5	c	50	65	8	2-3000	Cu	5	A. Cu	2	3	1009.8	0	NW	4	c	49	75	8	2-3000	Cu	7	A. Cu	1	3	*																
Baldonnel	1005.3	0	WNW	3	or	42	98	5	1-1500	St. Cu	10	-	-	*	1005.8	0	NW	3	or	43	98	4	1-1500	St. Cu	10	-	-	*																	
Didsbury	1006.6	+4	WNW	6	c/pq	48	75	7	-	St.	8	-	-	*	1007.5	+2	WNW	4	cqz	47	75	6	-	St. Cu	7	-	-	*																	
Falmouth	1003.1	+3	NW	3	0	48	75	7	1-1500	St.	10	-	-	1	1005.0	+3	W	1	0z	46	87	8	1-1500	Nb	5	A. St.	5	1	*																
Calshot (Hants)	1000.0	+3	N	2	0z	48	75	6	3-4000	St. Cu	9	-	-	*	1002.0	+2	W	1	0.1f	47	82	3	3-4000	St. Cu	7	A. Cu	2	-	*																
Lympne (Folkestone)																																													
Aberdeen	1009.1	+4	ENE	4	om	45	92	4	-	St.	10	-	-	5	1012.0	+4	ENE	2	om	43	92	6	-	St. Cu	10	-	-	4	*																
Howden	1002.2	+2	E	2	a	49	75	5	1½-2000	St. Cu	8	A. St.	2	*	1005.4	+2	NNE	4	0	45	92	4	3-4000	St. Cu	7	A. St.	2	-	*																
Cranwell (Lines)	1002.3	+1	NW	1	c	50	75	7	2-3000	St. Cu	8	-	-	2	1004.1	+2	ENE	3	om	47	87	6	2-3000	St. Cu	10	-	-	*	*																
Felixstowe	1002.1	+1	NW	1	od	46	92	4	1½-2000	Cu. Nb	9	-	-	*	1003.1	+2	NW	1	od	46	98	4	1½-2000	Cu. Nb	9	-	-	2	*																
Shoeburyness	1001.3	+2	SW	1	c	50	65	7	5-7000	St. Cu	4	A. Cu	3	*	1003.1	+2	-	0	c	47	82	7	4-5000	Cu. Nb	6	A. St.	2	-	*																
Benson	1002.1	+2	S	1	0	45	82	5	-	St. Cu	10	-	-	*	1004.1	+2	WSW	1	or	44	92	5	-	Nb	10	-	-	-	*																
S. Farnborough	1003.2	+3	WNW	2	0	47	75	6	1-1500	Nb	10	-	-	*	1004.1	+3	WNW	2	od	44	92	4	1-1500	Nb	10	-	-	-	*																
London (Kew Obs.)	1002.4	+2	WSW	2	0	48	75	6	-	St. Cu	6	A. Cu	3	*	1003.8	+2	WSW	2	c	47	75	4	-	St. Cu	3	Ci	4	-	*																
Croydon	1004.3	+3	WNW	1	bc	49	75	5	2-3000	St.	5	-	-	*	1005.0	+1	WSW	1	c	46	82	5	2-3000	St. Cu	1	A. St.	6	-	*																
1H. G.M.T. OF 3 rd																							7H. G.M.T. OF 3 rd																						
Eskdalemuir	1010.1	0	NNE	4	om	40	98	5	1½-2000	St.	10	-	-	*	1010.0	0	NNE	5	od	41	98	6	1-1500	Nb	10	-	-	*	*																
Valencia (Cahire's)	1010.2	0	NNW	3	bc	45	-	-	-	-	-	-	-	*	1010.6	+1	NE	2	z	45	87	8	1-1500	St. Cu	6	A. Cu	2	3	*																
Baldonnel	1008.1	+1	-	0	c	43	92	5	2-2000	St. Cu	3	A. St.	5	*	1010.8	+5	SW	4	0	42	92	5	1-1000	St. Cu	10	-	-	-	*																
Didsbury	1007.9	0	W	3	0	46	87	6	-	St. Cu	10	-	-	*	1007.6	0	W	4	0	44	87	6	1-500	Cu. Nb	10	-	-	-	*																
Falmouth	1006.3	+1	WSW	1	or	43	92	7	1½-2000	St.	10	-	-	1	1006.4	+1	WNW	1	0	43	92	8	2-3000	St. Cu	9	-	-	1	*																
Calshot (Hants)														*	1004.5	0	SW	1	0.3f	40	98	3	1-1000	St.	9	-	-	-	*																
Lympne (Folkestone)														*																															
Aberdeen	1013.7	+1	NNE	3	od	42	92	4	-	Nb	10	-	-	*	1006.3	0	NNE	3	0	43	98	6	1-1500	St.	10	-	-	-	*																
Howden	1006.9	+2	N	3	or	41	98	3	1½-2000	Nb	10	-	-	*	1006.0	0	NE	2	om	43	98	5	1-1000	St.	10	-	-	-	*																
Cranwell (Lines)	1005.5	0	NNE	3	bc	43	92	5	2-3000	St.	10	-	-	*	1005.6	+2	SW	1	0.1f	44	98	3	1-1000	St.	10	-	-	3	*																
Felixstowe														*	1005.4	0	WSW	1	bcu	41	87	5	-	-	-	-	A. St.	5	*																
Shoeburyness														*	1005.7	+1	W	1	om	41	98	5	1-1500	Nb	9	-	-	-	*																
Benson														*	1005.8	+2	-	0	omw	41	98	3	2-4000	Fr. Cu	1	A. St.	9	-	*																
S. Farnborough														*	1006.0	0	WNW	1	0z	42	92	5	1-1000	St.	10	-	-	-	*																
London (Kew Obs.)	1005.4	0												*																															
Croydon	1006.3	0	W	2	0	42	98	3	1½-2000	St.	9	-	-	*																															

STATIONS CONTRIBUTING REPORTS AT 7h, AND 19h.

STATIONS.	Barom. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETR.		TEMPERATURE		WIND.		Direc. of Upper Cloud.	Weather	Sea 0-4	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.
			Force 0-12.	Direc.		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 2 ND						7h. G.M.T. of 3 RD										24 HOURS ENDED 7h. 3 RD					2 ND
Lerwick ...	1016.4	46	3SE	1	bc	1015.4	0	45	0	W	1	-	bc	1	-	50	42	bc	bc	bc	*
Stornoway ...	1011.0	47	E	1	c	1015.9	+1	44	0	ENE	1	-	c	1	1	47	43	o	o.e	bc.e	3.0
Castlebay (Barra's)						1013.7	+1	46		N	3	-	o	3	1	50	42			bc.8.0	3.4
Glasgow ...	1009.4	43	NE	3	o	1012.2	0	43	+1	NE	3	-	og		1	46	38	odp	o.c.o	o.c.odp	8.1
Malin Head ...	1005.7	45	NE	3	c	1012.1	+1	43	-1	NE	3	NE	bc	3	Trace	46	42	cp	cp	bc	0.2
Blacksod Point	1007.7	48	NNW	3	c	1012.3	+3	45	-2	-	0	-	bc	1	0.4	50	36	bc	bc	cd.bc	*
Roche's Point...	1007.5	48	NNW	5	o	1009.6	+1	44	-1	NNW	2	-	o	2	1	53	44	bc.co	og	op.o	*
Birr Castle ...	1006.3	46	NW	1	o	1010.5	*	42	+4	NNE	1	-	o	*	2	48	37	c	od.o	odr.o	1.2
Donaghadee ...	1006.2	44	NE	2	cm	1010.9	+1	44	+1	NE	3	-	omg	4	1	46	41	omg.d	omd	cp	*
Liverpool (Bidston)	1003.6	45	ESE	2	m	1007.1	0	42	+1	NE	1	-	om	1	4	46	41	odr	op.d	ome	0.8
Holyhead ...	1003.1	44	NE	4	c	1008.1	+1	43	0	ENE	4	E	omg	3	3	45	42	orm	or.ome	b.bc.o.c	0.0
Pembroke (St. Ann's Head)	1005.7	42	W	3	or	1006.7	0	41	-2	NNE	2	NE	c	2	3	45	41	op	or	od.op	0.1
Seilly (St. Mary's)	1009.1	49	WNW	4	c	1008.4	-1	45	0	NW	4	NW	c	5	0.2	52	45	bc	bc.c	c.op	8.5
Jersey (St. Aubin)	1007.1	47	W	4	op	1008.0	0	47	+1	WSW	4	-	o	3	1	52	44	op.bcc	c.bc.op	op.bcc	2.8
Portland Bill ...	1004.6	46	NW	4	o	1006.3	0	46	0	WNW	4	W	op	4	6	50	41	op	op	op	*
Dunegness ...	1002.8	47	WSW	4	c	1005.1	0	42	+3	WNW	2	W	c	3	0.3	51	37	c.bc	cp.c	c.cpc	*
Wick ...	1012.9	44	E	3	omd	1015.1	0	44	0	NNE	3	-	omr	4	3	45	43	omr.d	of.d	of.d	*
Nairn ...	1011.7	43	E	1	c	1015.0	*	43	+2	NE	1	-	ogr	1	4	48	41	omr	ofm	ofm	0.4
Leith ...	1009.4	43	E	2	o	1010.8	0	42	+1	NE	4	-	dm	3	7	46	41	r	o.c.o	ormd	*
Tynemouth ...	1006.8	43	E	3	bm	1008.1	0	43	+2	ENE	4	-	om	4	6	45	39	om	om	f.omr	*
Spurn Head ...	1003.8	45	NNE	3	ogm	1005.1	0	47	+3	NE	4	-	f	4	2	48	36	cp.c	c.ogm	omf	*
Yarmouth (Gorleston)	1002.8	46	NE	2	c	1005.1	+2	42	-7	-	0	-	o	1	*	50	38	om.bcm	bc.m.c	bc.m.cm	1.2
Clacton-on-Sea	1002.8	48	N	1	c	1004.9	+1	43	+1	W	2	-	og	1	9	49	41	cm.opc	cp.c	c.ogr	0.6
Nottingham ...	1003.8	46	N	1	opm	1005.8	*	42	+2	N	3	N	or	*	2	51	40	d.o.c	c.o	o	0.7

The image shows two maps of the British Isles, each with a grid overlay. The left map displays cloud cover data, with numbers 1-8 indicating cloud levels. The right map displays temperature and weather data, with numbers 1-8 indicating specific weather conditions. The maps are labeled 'Upper Cloud' and 'Lower Cloud' on the left, and 'TEMPERATURE', 'WEATHER', and 'SEA' on the right.

EXPLANATION.
BAROMETER.—Isobars are drawn
 intervals of two millibars.
WIND.—Direction is shown by an
 arrow pointing with the wind. Force, on the
 0-12, is indicated by the number of
 feathers. Mean velocity is shown in
 miles per hour by figures in small circles.
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS.
 ☉ clear sky. ☁ sky & clouded.
 ☁☁ sky & clouded. ☁☁☁ sky & clouded.
 ☁☁☁☁ overcast sky. ☁☁☁☁☁ rain falling.
 ❄ snow. ⚡ hail. ☁☁☁ fog. ⚡
 ⚡ thunder. ☁☁☁☁☁ thunderstorm.
SEA DISTURBANCE.—
 ⚡ Rough. ⚡ High.

A depression centred over South-East England is growing less deep. North-Easterly to Northerly winds will be maintained in most districts. In the Eastern districts there will probably be much low cloud and drizzle, but in the western districts considerable fair periods are to be expected.

EXPLANATION.
BAROMETER.—Isobars are drawn
 intervals of two millibars.
WIND.—Direction is shown by an
 arrow pointing in the direction from which
 the wind is blowing. Force, on the
 Beaufort scale, is indicated by the number
 of feathers. Mean velocity is shown in
 miles per hour by figures in small circles.
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS.—
 ☀ clear sky. ☁ sky 1/4 clouded.
 ☁ sky 1/2 clouded. ☁ sky 3/4 clouded.
 ☁ overcast sky. ☔ rain falling.
 ❄ snow. ☂ hail. ☁ fog. ☁
 ⚡ thunder. ⚡ thunderstorm.
SEA DISTURBANCE.—
 ⚡ rough. ⚡ High.

Similar conditions are likely to prevail beyond the period of the forecast.

5. Very
4. Free

Nautical Miles
Statute Miles.

Scale = 1:10,000,000

1920

Nautical Miles
Statute Miles.



All Times are G.M.T.

Add 1 hour to get Summer Time.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 11 OF 2)

	Objects not visible at	50 metres (or yards)
0. Dense Fog
1. Very Bad
2. Bad	1,000	..
3. Very Poor	2,000	..
4. Poor	4,000	..
5. Indifferent	7,000	(12 miles)
6. Fair	12,000	(17.5 ..)
7. Good	20,000	(12.4 ..)
8. Very Good	Objects visible beyond 20,000	(12.4 ..)
9. Excellent	Exceptional visibility	..

Saturday

3RD APRIL

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 34

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 2 ND APRIL.																				
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.			STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-12h.	Day. 12h-12h.	to 17h.	Sunrise to Sunset.				Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-12h.	Day. 12h-12h.	to 17h.	Sunrise to Sunset.
Scotland.	Oban ...	e.c	bc.e	52	42	0.3	-	4.7	4.1	England, N.W.	Douglas (I.O.M.)									
	Banff ...	o	o	46	42	5	-	0.3	3.5		Blackpool ...									
	Montrose ...	o	of	46	40	4	-	1.0	0.0		Southport ...	o	o.c.o.c	47	40	3	0.2	0.0	0.4	
	St. Andrews ...	p	o	44	42	5	1	0.0	?											
England, N.E.	Harrogate ...	op.c	bc.c.op	46	35	7	0.1	0.7	0.0	Midlands.	Buxton ...									
	Scarborough ...										Leamington Spa ...	od	op	48	40	1	0.3	0.0	0.0	
	Skegness ...										Malvern ...									
	Lowestoft ...	a.c.o	o.c.o	49	39	-	-	2.3	?		Ross-on-Wye ...	or	op	47	41	2	2	0.2	0.0	
England, E.	Felixstowe ...	eg.p.ed	egp	49	39	0.3	4	0.4	0.0	Wales.	Bath ...									
	Southend-on-Sea ...	fac.bc	bc.e	58	34	0.2	-	5.9	0.0		Rhyl ...	r	r.c	45	41	2	3	0.0	0.2	
											Colwyn Bay ...	*	*							
	Tunbridge Wells ...	om.bc	c.o.bc	52	29	-	-	2.4	0.0		Llandudno ...	r	or	46	41	2	3	0.0	0.0	
England, S.E.	Margate ...									England, S.W.	Aberystwyth ...	r.o	r.or	45	43	1	5	0.0	0.0	
	Ramsgate ...										Swansea ...									
	Folkestone ...										Weymouth ...									
	Hastings ...										Teignmouth ...									
	Eastbourne ...	b.bc	bc.c.o	52	35	-	-	7.2	3.8		Torquay ...	a.c.op	o	49	43	3	0.1	0.9	7.5	
	Brighton ...	o	o	50	33	-	-	0.0	2.7		Paignton ...									
	Worthing ...										Penzance ...	c.bc	c.bc	53	43	5	-	5.1	?	
	Littlehampton ...	cm	r	51	37	-	-	0.0	1.4		Newquay ...	f.o	b.o	49	43	1	-	1.0	?	
	Portsmouth (S. Sea) ...										Bude ...									
	Bournemouth ...			48	41	4	1	0.8	0.1		Ifracombe ...									
	Ventnor (I. of W.) ...			49	40	3	0.3	1.4	4.3		Weston-s-Mare ...									
											Bath ...	r.o	or	49	41	2	1	0.1	?	

STATIONS.

WEATHER.

7h-12h.

12h-18h.

18h-24h.

24h-7h.

Max. Temp. °F.

Min. Temp. °F.

Min. on Grass °F.

RAINFALL.

Day. 7h-18h.

Night. 18h-7h.

Sun. Hours.

BEAUFORT NOTATION.

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

bc sky partly cloudy (one half covered).

c generally cloudy (three quarters covered).

d drizzle, or fine rain.

e wet air without rain falling.

f fog.

g gloom.

h hail.

i lightning.

m mist.

o overcast sky.

p passing showers.

q squalls.

r rain.

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

s snow.

t thunder.

u ugly, threatening sky.

v unusual visibility.

w dew.

x hoar frost.

y dry air; humidity less than 60 per cent.

z dust haze; the turbid atmosphere of dry weather.

Capital letters indicate intensity, and repetition of letters continually, thus: R = heavy rain.

rr = continuous moderate rain.

r.f. = continuous light rain.

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 0.3-1.5

2 4-7 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 14.9-17.1

8 39-46 17.3-20.7

9 47-54 20.8-24.4

10 55-63 24.5-28.4

11 64-75 29.5-33.3

12 Above 75 33.6 or above

Symbols—

Aurora ☾ Solar halo ☼

Elms ☼ Lunar halo ☾

Glazed frost ~ Solar corona ☼

Glazed roofs ~ Lunar corona ☾

LONDON OBSERVATIONS.	WEATHER.		Night.	Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	Rain-fall.	Sun-shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.				
	Morning.	Afternoon.							15 h. G.M.T.	9 h. G.M.T.						
	24 HOURS ENDED 31 ST G.M.T.								YESTERDAY.				TO-DAY.			
Greenwich (Royal Observatory)	o	a.c.o	o.om	51	40	35	-	0.6	69	85	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	3 RD AND 4 TH APRIL 1920.				
City (Bunhill Row)	*	*	*	*	*	*	*	*	*				Stations.	Sunrise.	Noon.	Sunset.
Westminster (St. James's Park)	*	*	*	*	*	*	*	*	*				G.M.T.	G.M.T.	G.M.T.	
" (Admiralty Arch)	ogm.om	bez	bc.om	54	42	*	-	2.0	74	92			Yarmouth...	5.26	11.57	6.28
Camden Sq. (British Rainfall)	-	-	-	56	39	36	-	*	-	91			Greenwich	5.34	12.47	6.34
Kensington Palace	c.	c.	*	51	39	34	-	*	78 (88)	96			Wick	5.32	12.3	6.35
Hampstead Observatory	*	*	*	51	38	39	-	*	*	98	Average Rate.	Valencia ...	5.38	12.16	6.54	
											Maximum Rate.		5.35	12.15	6.56	
													6.15	12.45	7.15	
													6.13	12.44	7.16	

NOTES ON THE WEATHER OF YESTERDAY.

Winds were light and variable in South-East England, light or moderate from N.E. in North England and Scotland and from N. backing to N.W. in Ireland.

Rain fell in most districts, though in the west of Ireland and at Scilly the day was fair.

Scilly had most sunshine with 8.5 hours, Valencia Observatory had 7.4 hours.

Clacton measured 9 mm. of rainfall and Leith 7 mm.

The temperature reached 50° at only a few stations. The highest maximum was 56° at Shoeburyness.

* Information for these columns not usually received.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B21313

SUNDAY, 4TH APRIL, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 12H.																												
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND. Direc. Force 0-12.	Weather.	TEMP. °F.	Humidity. %	Visibility. 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND. Direc. Force 0-12.	Weather.	TEMP. °F.	Humidity. %	Visibility. 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.		
13H. G.M.T. OF 3 RD														12H. G.M.T. OF 3 RD														
Eskdalemuir ...	1011.0	+1	NNE	4	om	42	92	6	12-2000	Nb	10	-	-	*	1011.2	0	NNE	4	odm	40	92	1	1-1500	Nb	10	-	-	*
Valencia (Cahire'n)	1012.8	+1	NNE	4	bcz	50	75	6	12-2000	Cu	6	-	-	*	1013.0	0	N	4	bcz	50	75	7	2-3000	Cu	3	-	-	*
Baldonnel ...	1011.1	0	N	4	or	44	98	3	5-1000	Scu	10	-	-	*	1010.9	0	NE	3	T	40	92	1	12-2000	Scu	10	-	-	*
Didsbury ...	1007.1	0	NW	3	0	49	75	6	-	CuN	7	Al. Cu	3	*	1006.9	0	WNW	3	C3	47	82	6	-	Scu	8	-	-	*
Falmouth ...	1006.2	0	SW	2	0	48	82	7	5-7000	Scu	10	-	-	1	1005.7	0	W	3	0	46	82	8	2-3000	Nb	9	-	-	*
Calshot (Hants) ...	1003.9	0	SW	4	0	48	75	8	2-3000	Scu	7	Al. Sc	3	*	1003.8	0	SW	4	C	45	87	8	3-4000	Scu	1	Cu	3	*
Lympne (Folkestone) ...	1014.4	+1	NE	3	of	44	92	2	-	Sc	10	-	-	4	1014.3	0	NE	3	om	43	92	6	-	Sc	10	-	-	4
Aberdeen ...	1006.8	+1	NNE	4	0	46	92	4	2-3000	Sc	8	Al. Sc	2	*	1006.4	0	NNE	4	0	44	92	4	1-1500	Sc	10	-	-	*
Howden ...	1006.2	0	NE	4	0	46	87	6	2-3000	Scu	9	-	-	*	1006.5	0	ENE	2	0	45	84	7	2-3000	Scu	9	-	-	*
Cranwell (Lincs) ...	1006.2	0	S	1	C	49	87	4	3-4000	Scu	7	-	-	*	1006.2	0	SE	1	bc	46	92	5	4-5000	Scu	5	-	-	*
Felixstowe ...	1005.7	0	S	1	Cu	50	75	6	1-5000	Nb	5	Al. Cu	3	*	1005.1	0	-	0	C	44	82	4	4-5000	CuNb	5	Al. Sc	3	*
Shoeburyness ...	1005.3	0	NW	1	0	47	87	3	-	Nb	0	-	-	*	1005.0	0	NW	1	0	45	82	5	-	Sc	10	-	-	*
Benson ...	1005.5	0	NW	2	odm	48	82	4	5-1000	Nb	10	-	-	*	1005.2	-1	N	2	om	44	98	5	5-1000	Nb	9	Al. Sc	1	*
S. Farnborough ...	1005.4	-1	SW	2	ou	49	75	5	2-3000	Scu	4	Al. Sc	6	*	1005.3	0	NW	1	or	46	84	5	12-2000	Nb	9	-	-	*
London (Kew Obs.) ...	1008.0	0	SW	3	om	42	75	6	12-2000	Scu	9	Al. Cu	1	*	1007.6	0	W	1	of	46	84	2	1-1500	Scu	10	-	-	*
Croydon ...	1011.9	+1	NNE	4	odm	40	92	5	1-1500	Nb	10	-	-	*	1011.8	0	NNE	3	0	39	98	6	12-2000	Scu	10	-	-	*
Valencia (Cahire'n)	1011.0	+2	N	4	0	44	92	3	1-1500	Sc	10	-	-	*	1014.2	+1	ENE	3	bcz	44	84	8	-	Cu	3	Al. Cu	3	2
Baldonnel ...	1011.0	0	-	0	44	92	3	1-1500	Sc	8	Al. Sc	2	*	1012.9	0	-	0	od	43	92	4	1-1500	Sc	8	Al. Sc	2	*	
Didbury ...	1004.3	0	NNW	3	or	45	92	5	-	Nb	9	-	-	*	1004.4	+2	NNW	4	C	43	92	6	-	CuNb	8	-	-	*
Falmouth ...	1004.9	-1	NNW	2	0	45	92	5	2-3000	Scu	10	-	-	1	1005.4	+1	NNW	2	0	44	92	5	5-1000	Sc	10	-	-	1
Calshot (Hants) ...	1005.2	-1	NNE	1	bcz	38	98	4	-	-	-	-	*	1005.2	-1	NNE	1	bcz	38	98	4	-	-	-	-	3	*	
Lympne (Folkestone) ...	1004.6	-1	NW	2	or	42	92	6	1000	Nb	10	-	-	*	1004.2	+1	N	3	or	43	98	6	12-2000	Nb	10	-	-	*
Aberdeen ...	1007.4	-1	NNE	2	0	43	92	4	2-3000	Scu	10	-	-	*	1008.2	+1	N	3	or	43	98	6	12-2000	Nb	10	-	-	*
Howden ...	1007.4	-1	NNE	2	0	43	92	4	2-3000	Scu	10	-	-	*	1007.4	+1	NNE	4	or	43	98	6	12-2000	Nb	10	-	-	*
Cranwell (Lincs) ...	1005.2	0	N	2	bcz	44	98	1	15-2000	Scu	4	Al. Sc	4	2	1005.2	0	N	2	bcz	44	98	4	15-2000	Scu	4	Al. Sc	4	2
Felixstowe ...	1006.1	+1	N	3	0	43	92	6	-	Nb	10	-	-	*	1006.1	+1	N	3	0	43	92	6	-	Nb	10	-	-	*
Shoeburyness ...	1005.2	+1	NNE	3	om	42	98	5	5-1000	Nb	10	-	-	*	1005.2	+1	NNE	3	om	42	98	5	5-1000	Nb	10	-	-	*
Benson ...	1005.5	+3	N	2	om	43	92	5	5-1000	Scu	10	-	-	*	1005.5	+3	N	2	om	43	92	5	5-1000	Scu	10	-	-	*
S. Farnborough ...	1006.0	-1	S	1	or	42	98	3	5-1000	Sc	10	-	-	*	1005.8	+2	E	2	of	42	98	4	5-1000	Sc	10	-	-	*
London (Kew Obs.) ...	1006.0	-1	S	1	or	42	98	3	5-1000	Sc	10	-	-	*	1005.8	+2	E	2	of	42	98	4	5-1000	Sc	10	-	-	*
Croydon ...	1006.0	-1	S	1	or	42	98	3	5-1000	Sc	10	-	-	*	1005.8	+2	E	2	of	42	98	4	5-1000	Sc	10	-	-	*
STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.																												
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND. Direc. Force 0-12.	Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.								
					at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Direc.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.									
12H. G.M.T. OF 3 RD													7H. G.M.T. OF 4 TH															
Lerwick ...	1014.6	44	N	1	bc	1011.9	-2	44	-1	N	3	-	cm	1	-	44	38	bc	6	om	*							
Stornoway ...	1016.6	46	ENE	1	0	1014.1	0	42	-2	N	0	-	0	0	1	44	42	0.0	0	0.0	0.0							
Castlebay (Barrats) ...	1014.2	47	N	4	bc	1013.7	0	44	-	N	2	-	0	2	1	50	43	0.0	0.0	0.0	0.0							
Glasgow ...	1012.8	44	ENE	2	0	1013.2	0	41	-2	ENE	1	-	0	0	Trace	44	40	0.0	0.0	0.0	0.0							
Malin Head ...	1012.2	46	N	1	bc	1012.8	0	44	-	N	1	-	bc	1	-	44	42	0.0	0.0	0.0	0.0							
Blacksod Point ...	1014.1	50	NE	2	bc	1012.9	-1	43	-2	NE	1	-	bc	1	-	52	38	0.0	0.0	0.0	0.0							
Roche's Point ...	1011.2	49	NNW	3	0	1013.2	+2	45	+1	NNW	3	-	0	2	0.1	44	44	0.0	0.0	0.0	0.0							
Birr Castle ...	1011.1	49	NE	2	C	1013.2	-	48	+6	NE	1	-	C	2	-	49	41	0.0	0.0	0.0	0.0							
Donaghadee ...	1011.3	45	NE	3	cm	1012.4	0	44	0	NE	3	-	cm	3	0.2	44	42	0.0	0.0	0.0	0.0							
Liverpool (Bidston) ...	1007.1	46	NE	2	P	1009.5	+2	43	+1	NE	2	-	0	1	3	44	42	0.0	0.0	0.0	0.0							
Holyhead ...	1008.2	46	NE	3	Cq	1010.1	+1	44	+1	NE	3	-	0	1	1	49	42	0.0	0.0	0.0	0.0							
Pembroke (St. Ann's Head) ...	1007.4	44	NNE	2	C	1009.7	+2	44	+3	NE	2	-	0	2	1	50	41	0.0	0.0	0.0	0.0							
Scilly (St. Mary's) ...	1008.7	46	N	4	C	1010.0	+1	46	+4	N	4	-	C	2	2	50	40	0.0	0.0	0.0	0.0							
Jersey (St. Aubin) ...	1006.8	44	WSW	4	or	1005.3	0	45	-2	NW	2	-	0	2	4	50	42	0.0	0.0	0.0	0.0							
Portland Bill ...	1006.0	44	WNW	3	or	1005.2	0	46	0	NNE	4	-	0	4	1	49	42	0.0	0.0	0.0	0.0							
Dungeness ...	1005.1	44	SW	3	bc	1003.3	-1	38	-7	N	3	-	bc	3	0.2	51	35	0.0	0.0	0.0	0.0							
Wick ...	1015.2	44	-	0	om	1012.4	0	42	-2	NW	2	-	om	1	12	45	41	0.0	0.0	0.0	0.0							
Nairn ...	1014.4	43	NE	1	C	1012.1	-	42	-1	-	0	-	0	1	2	45	41	0.0	0.0	0.0	0.0							
Leith ...	1012.1	42	NE	3	bc	1012.0	0	42	0	NE	2	-	0	1	0	43	42	0.0	0.0	0.0	0.0							
Tynemouth ...	1009.5	42	ENE	3	om	1010.1	0	42	-1	NNE	3	-	0	4	4	43	41	0.0	0.0	0.0	0.0							
Spurn Head ...	1006.6	44	NE	3	or	1006.0	0	43	-5	NE	2	-	om	3	3	44	40	0.0	0.0	0.0	0.0							

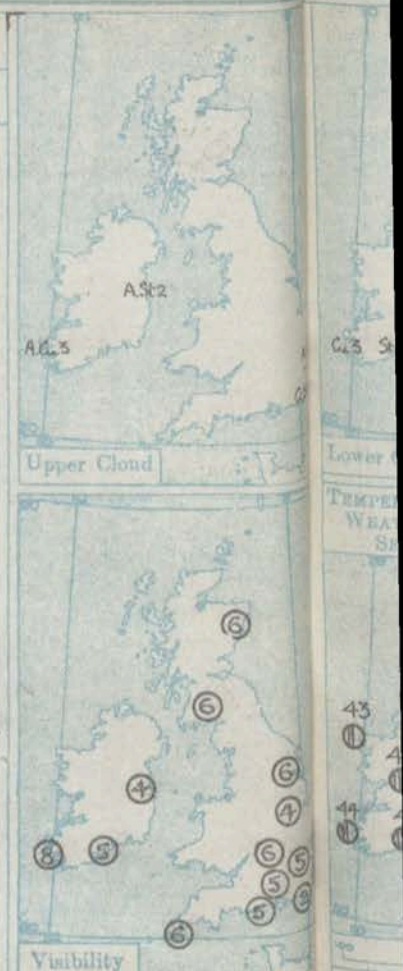
* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ For code see page 3.

SUMMARY OF CONDITIONS AT 7h. GMT. Sunday 4th April, 1920.

Districts.	Wind Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	N'ly 2-10	Normal	Fine to dull; misty.	Indif.	Smooth
2. E. England	N'ly 5-15	"	Cloudy; local mist & rain	Poor	"
3. E. Midlands	N'ly 5-10	"	Dull; local mist & drizzle	"	--
4. W. Midlands	N'ly 5-10	"	Dull	Indif.	--
5. S.W. England	N'ly 10-15	"	Dull to cloudy.	Fair	Mod.
6. South Wales	NE'ly 5-10	"	Cloudy.	"	Smooth
7. North Wales	NE'ly 10-20	"	Dull; mist & drizzle.	Poor	Mod.
8. N.W. England	NNE'ly 10.	"	Dull gloomy.	"	Smooth
9. N. Midlands	N'ly 10.	"	Dull.	Indif.	--
10. N.E. England	N'ly 5-10.	"	Dull.	"	Mod.
11. E. Scotland	NE-NW 0-5	"	Dull; some rain & drizzle	Fair.	Smooth
12. S.W. Scotland	NE'ly 2-10	"	Dull.	"	Slight
13. Isle of Man	NE'ly 10-15.	"	Dull and misty.	Indif.	"
14. N. & N.W. Scotland	NW'ly 0-5.	"	Dull and misty.	"	V. Smooth
15. Hebrides	CALM.	"	Dull.	Fair	Calm.
16. Orkneys and Shetlands	N'ly 10.	r. Mild.	Cloudy and misty.	Indif.	V. Smooth
17. N.W. Ireland	NE'ly light.	Normal.	Fair.	Fair	"
18. N.E. Ireland	N'ly light.	"	Fair.	"	"
19. S.E. Ireland	N-NE 0-10.	"	Dull to cloudy.	Indif.	Smooth
20. S.W. Ireland	ENE 10.	"	Fair, hazy	V. Good.	"



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

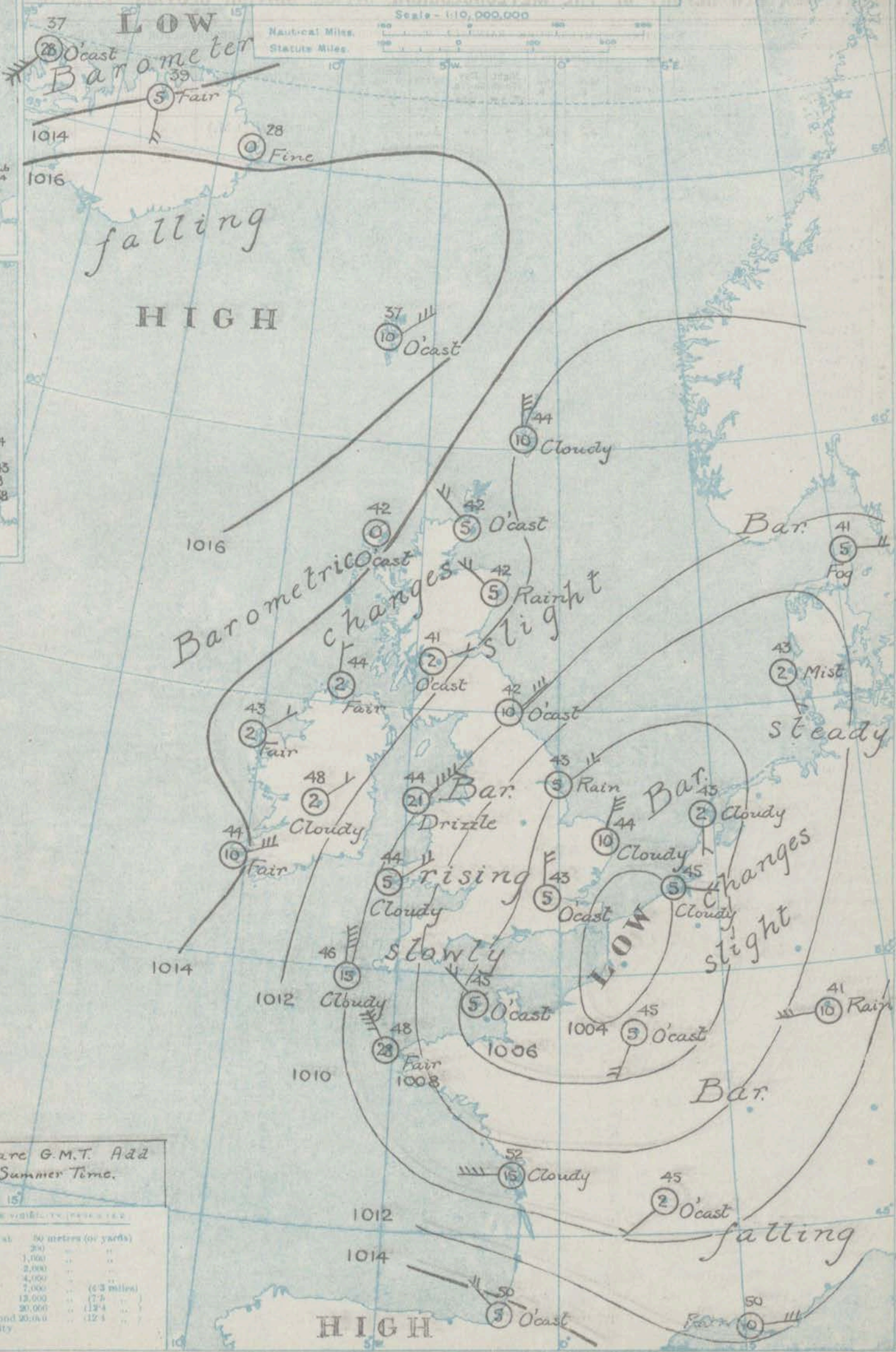
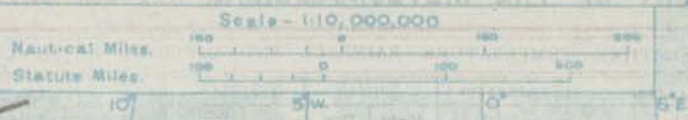
A depression centred over Belgium appears to be moving South-East slowly. Over the country generally cloudy or dull weather will be maintained with light rain in places especially in the Eastern districts.

EXPLANATION.
SAROMETER.—Isobars are drawn at intervals of two millibars.
WIND.—Direction is shown by the arrow, force by the number of flags.
TEMPERATURE.—Mean temperature is shown by the number in small circles.
WEATHER SYMBOLS.—
 ☉ clear sky. ☁ sky & clouds. ☂ sky & rain.
 ☄ overcast sky. ☉ rain falling.
 * snow. A hail. ☁ fog.
 T thunder. R thunderstorm.
SEA DISTURBANCE.—
 ~~~~~ Rough. ~~~~~ High.

| Districts.                | Forecasts for the 24 hours commencing 3.15h. GMT. Sunday, 4th April, 1920.                                                                                            |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. S.E. England           | Light Northerly or North-westerly breezes; dull, rain at times; mist locally; visibility indifferent; moderate temp.                                                  |
| 2. E. England             |                                                                                                                                                                       |
| 3. E. Midlands            |                                                                                                                                                                       |
| 4. W. Midlands            | Light or moderate Northerly or North-westerly breezes; much low cloud; occasional light rain locally; visibility indifferent to fair; moderate temperature.           |
| 5. S.W. England           |                                                                                                                                                                       |
| 6. South Wales            |                                                                                                                                                                       |
| 7. North Wales            | Light or moderate winds from between N.E. and N.W. Mainly overcast with low cloud, rain at times; mist locally; visibility indifferent to fair; moderate temperature. |
| 8. N.W. England           |                                                                                                                                                                       |
| 9. N. Midlands            |                                                                                                                                                                       |
| 10. N.E. England          | Same as Districts 4 - 7.                                                                                                                                              |
| 11. E. Scotland           |                                                                                                                                                                       |
| 12. S.W. Scotland         |                                                                                                                                                                       |
| 13. Isle of Man           | Light North-Westerly or variable breezes; local showers, but fairer intervals; visibility fair; moderate temperature.                                                 |
| 14. N. & N.W. Scotland    |                                                                                                                                                                       |
| 15. Hebrides              |                                                                                                                                                                       |
| 16. Orkneys and Shetlands |                                                                                                                                                                       |
| 17. N.W. Ireland          |                                                                                                                                                                       |
| 18. N.E. Ireland          |                                                                                                                                                                       |
| 19. S.E. Ireland          |                                                                                                                                                                       |
| 20. S.W. Ireland          |                                                                                                                                                                       |



# SYNOPTIC CHART FOR MORNING OF SUNDAY, 4<sup>th</sup> APRIL, 1920.



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

## TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PREVIOUS)

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



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

| STATIONS.           | WEATHER.  |            | TEMPERATURE. |          | RAINFALL.       |              | SUNSHINE. |                    | STATIONS.         | WEATHER.  |            | TEMPERATURE. |          | RAINFALL.       |              | SUNSHINE. |                    |
|---------------------|-----------|------------|--------------|----------|-----------------|--------------|-----------|--------------------|-------------------|-----------|------------|--------------|----------|-----------------|--------------|-----------|--------------------|
|                     | Forenoon. | Afternoon. | Max. °F.     | Min. °F. | Night. 17h-24h. | Day. 9h-17h. | to 17h.   | Sunrise to Sunset. |                   | Forenoon. | Afternoon. | Max. °F.     | Min. °F. | Night. 17h-24h. | Day. 9h-17h. | to 17h.   | Sunrise to Sunset. |
| Scotland, N.E.      |           |            |              |          |                 |              |           |                    | England, N.W.     |           |            |              |          |                 |              |           |                    |
| Oban ...            | bc        | c          | 55           | 36       | -               | -            | 3.9       | 4.7                | Douglas (I.O.M.)  |           |            |              |          |                 |              |           |                    |
| Banff ...           | g         | rf         | 45           | 42       | 2               | 0.2          | 0.0       | 3.3                | Blackpool ...     |           |            |              |          |                 |              |           |                    |
| Montrose ...        | of        | d          | 44           | 41       | 1               | 0.4          | 0.0       | 1.0                | Southport ...     | oc        | oc         | 51           | 41       | 2               | 1            | 2.0       | 2.0                |
| St Andrews ...      |           |            |              |          |                 |              |           |                    |                   |           |            |              |          |                 |              |           |                    |
| England, N.E.       |           |            |              |          |                 |              |           |                    | Midlands.         |           |            |              |          |                 |              |           |                    |
| Harrogate ...       | oc bc     | cop        | 49           | 38       | 3               | 0.2          | 1.3       | 0.7                | Buxton ...        |           |            |              |          |                 |              |           |                    |
| Scarborough ...     | f         | f          | 47           | 41       | 6               | -            | 0.0       | ?                  | Leamington Spa.   |           |            |              |          |                 |              |           |                    |
| Skegness ...        |           |            |              |          |                 |              |           |                    | Malvern ...       | r         | o          | 45           | 38       | 2               | 2            | 0.0       | ?                  |
| Lowestoft ...       |           |            |              |          |                 |              |           |                    | Ross-on-Wye ...   | mgdgn     | gmgm       | 45           | 37       | 1               | 1            | 0.0       | 0.0                |
| Felixstowe ...      | cgb       | gp         | 49           | 47       | 4               | -            | 4.0       | 0.4                | Bath ...          | o         | po         | 48           | 41       | 1               | 0.4          | 0.0       | 0.0                |
| Southend-on-Sea...  | oc bc     | gro        | 57           | 40       | -               | 3            | 2.7       | 5.9                |                   |           |            |              |          |                 |              |           |                    |
| England, S.E.       |           |            |              |          |                 |              |           |                    | Wales.            |           |            |              |          |                 |              |           |                    |
| Tunbridge Wells     | oco       | oc bc      | 51           | 39       | -               | -            | 0.6       | 2.4                | Rhyl ...          |           |            |              |          |                 |              |           |                    |
| Margate ...         | bc bc     | c          | 49           | 39       | -               | -            | 2.5       | ?                  | Colwyn Bay ...    | mdr       | op         | 47           | 42       | 0.2             | 1            | 0.1       | 0.0                |
| Ramsgate ...        | *         | *          | 48           | 37       | -               | -            | 2.2       | ?                  | Llandudno ...     | roc       | bc o       | 46           | 43       | 5               | 1            | 1.0       | 0.0                |
| Folkestone ...      | bc c      | c          | 52           | 38       | -               | -            | 2.4       | ?                  | Aberystwyth ...   |           |            |              |          |                 |              |           |                    |
| Hastings ...        | orc       | o bc c     | 49           | 46       | 1               | -            | 2.0       | ?                  | Swansea ...       |           |            |              |          |                 |              |           |                    |
| Eastbourne ...      | c         | c          | 50           | 41       | 1               | -            | 2.6       | 7.2                | Weymouth ...      |           |            |              |          |                 |              |           |                    |
| Brighton ...        |           |            |              |          |                 |              |           |                    | Teignmouth ...    |           |            |              |          |                 |              |           |                    |
| Worthing ...        | c bc      | bc         | 52           | 40       | 0.4             | -            | 2.0       | ?                  | Torquay ...       | op        | op         | 49           | 41       | 5               | 1            | 0.8       | 0.7                |
| Littlehampton ...   | dem       | bc         | 57           | 40       | 1               | -            | 3.4       | 3.4                | Paignton ...      | op        | op         | 50           | 42       | 5               | 0.4          | 0.4       | ?                  |
| Portsmouth (S. Sea) |           |            |              |          |                 |              |           |                    | Penzance ...      |           |            |              |          |                 |              |           |                    |
| Bournemouth ...     | *         | *          | 44           | 41       | 3               | 0.7          | 0.8       | 0.5                | Newquay ...       |           |            |              |          |                 |              |           |                    |
| Ventnor (I. of W.)  | *         | *          | 49           | 40       | 2               | Trace        | 1.2       | 1.4                | Bude ...          |           |            |              |          |                 |              |           |                    |
|                     |           |            |              |          |                 |              |           |                    | Ilfracombe ...    |           |            |              |          |                 |              |           |                    |
|                     |           |            |              |          |                 |              |           |                    | Weston-s-Mare ... |           |            |              |          |                 |              |           |                    |

## SUMMARIES FOR PAST 24 HOURS.

| STATIONS.                  | WEATHER. |          |          |        | Max. Temp. °F. | Min. Temp. °F. | Min. on Grass °F. | RAINFALL.    |                | Sun. Hours. |
|----------------------------|----------|----------|----------|--------|----------------|----------------|-------------------|--------------|----------------|-------------|
|                            | 7h-13h.  | 13h-18h. | 18h-24h. | 1h-7h. |                |                |                   | Day. 7h-18h. | Night. 18h-7h. |             |
| Eskdalemuir ...            | ocm      | ocm      | ocm      | ocm    | 42             | 38             | 35                | 1            | 0.2            | 0.0         |
| Valencia (Cahirciveen) ... | oc bc    | oc bc    | oc bc    | oc bc  | 52             | 43             | 39                | -            | -              | 8.4         |
| Baldonnell ...             | oc bc    | oc       | oc       | oc     | 46             | *              | *                 | *            | *              | *           |
| Didsbury ...               |          |          |          |        |                |                |                   |              |                |             |
| Palmouth ...               | o        | oc       | oc       | oc     | 50             | 41             | *                 | Trace        | 7              | 1.4         |
| Calshot (Hants) ...        | omo      | oc       | oc       | oc     | 52             | 42             | *                 | -            | -              | 2.6         |
| Lympne (Folkestone) ...    | 3fom     | oc       | oc       | oc     | 49             | 36             | 31                | -            | -              | 3.3         |
| Aberdeen ...               | ofd      | ofd      | ofd      | ofd    | 44             | 41             | 38                | 0.2          | 1              | 0.0         |
| Howden ...                 | ofd      | ofd      | ofd      | ofd    | 51             | 42             | *                 | *            | *              | *           |
| Cranwell (Lines) ...       | omp      | oc       | oc       | omp    | 51             | 39             | *                 | 2            | Trace          | 1.3         |
| Felixstowe ...             | f.c      | oc       | oc       | oc     | 51             | 39             | *                 | *            | *              | *           |
| Shoeburyness ...           | dem      | oc       | oc       | oc     | 55             | 38             | 33                | Trace        | -              | 2.3         |
| Benson ...                 | o        | o        | o        | o      | 49             | 39             | 39                | 1            | -              | *           |
| S. Farnborough ...         | ocdm     | ocdm     | ocdm     | ocdm   | 51             | 40             | 38                | 2            | 1              | 1.4         |
| London (Kew Obs.) ...      | om       | om       | om       | om     | 51             | 40             | 40                | 1            | Trace          | 0.7         |
| Croydon ...                | om       | ofr      | ofr      | ofr    | ?              | ?              | ?                 | ?            | ?              | ?           |

## BEAUFORT NOTATION.

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

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

## THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.

| 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                                               | 1.6-3.8            |
| 3   | 8-13                                              | 5.4-6.4            |
| 4   | 13-18                                             | 6.5-7.9            |
| 5   | 19-24                                             | 8.0-10.7           |
| 6   | 25-31                                             | 10.8-13.8          |
| 7   | 32-38                                             | 13.9-17.1          |
| 8   | 39-46                                             | 17.2-20.7          |
| 9   | 47-54                                             | 20.8-24.4          |
| 10  | 55-63                                             | 24.5-28.4          |
| 11  | 64-75                                             | 28.5-33.5          |
| 12  | Above 75                                          | 33.6 or above      |

## SYMBOLS—

Aurora ☆ Solar halo ⊕  
 Rime ⊖ Lunar halo ⊕  
 Glazed frost ~ Solar corona ⊕  
 Glazed roads ~ Lunar corona ⊕

| LONDON.<br>OBSERVATIONS.       | WEATHER.                                              |            |         | Max.<br>Temp.<br>° F. | Min.<br>Temp.<br>° F. | Min. on<br>Grass.<br>° F. | Rain-<br>fall.<br>mm. | Sun-<br>shine to<br>Sunset.<br>Hours. | HUMIDITY %      |                | SOUTH KENSINGTON<br>(Meteorological Office).                                              | TABLE SHOWING THE GREENWICH TIMES OF<br>SUNRISE, NOON AND SUNSET FOR STATIONS<br>IN THE UNITED KINGDOM. |               |                |       |
|--------------------------------|-------------------------------------------------------|------------|---------|-----------------------|-----------------------|---------------------------|-----------------------|---------------------------------------|-----------------|----------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------|----------------|-------|
|                                | Morning.                                              | Afternoon. | Night.  |                       |                       |                           |                       |                                       | 15 h.<br>G.M.T. | 9 h.<br>G.M.T. |                                                                                           |                                                                                                         |               |                |       |
|                                |                                                       |            |         |                       |                       |                           |                       |                                       |                 |                |                                                                                           |                                                                                                         |               |                |       |
|                                | 24 HOURS ENDED 3 <sup>rd</sup> G.M.T. 4 <sup>th</sup> |            |         |                       |                       |                           |                       |                                       | YESTERDAY.      | TO-DAY.        | Vertical Component<br>of<br>Solar Radiation<br>per Square Centimetre<br>during yesterday. | 4 <sup>th</sup> and 5 <sup>th</sup> APRIL 1920.                                                         |               |                |       |
|                                |                                                       |            |         |                       |                       |                           |                       |                                       |                 |                |                                                                                           |                                                                                                         | Stations.     | Sunrise.       | Noon. |
| Greenwich (Royal Observatory)  | o                                                     | or         | d       | 54                    | 42                    | 41                        | nil                   | 0.8                                   | 75              | 85             | Total ..... Joules.                                                                       | Yarmouth ... {                                                                                          | 5.24          | 11.56          | 6.29  |
| City (Bunhill Row) ...         | *                                                     | *          | *       | *                     | *                     | *                         | *                     | *                                     | *               | *              |                                                                                           |                                                                                                         | Milliwatts.   | Greenwich {    | 5.21  |
| Westminster (St. James's Park) | *                                                     | *          | *       | *                     | *                     | *                         | *                     | *                                     | *               | *              | Average Rate.                                                                             | Wick ... {                                                                                              |               |                | 5.32  |
| " (Admiralty Arch)             | om                                                    | oz p       | odm     | 53                    | 43                    | *                         | -                     | 0.3                                   | 74              | 83             |                                                                                           |                                                                                                         | Maximum Rate. | Valencia ... { | 5.30  |
| Camden Sq. (British Rainfall)  | *                                                     | *          | *       | 54                    | 43                    | 35                        | *                     | *                                     | *               | 89             | Yarmouth ... {                                                                            | Greenwich {                                                                                             |               |                | 5.35  |
| Kensington Palace ...          | op                                                    | c or o     | *       | 51                    | 41                    | 40                        | -                     | *                                     | 92 (18h)        | 83             |                                                                                           |                                                                                                         | Wick ... {    | Valencia ... { | 5.22  |
| Hampstead Observatory ...      | of o                                                  | c or p     | o c o d | 50                    | 38                    | 38                        | Trace                 | 0.8                                   | *               | 86             | Yarmouth ... {                                                                            | Greenwich {                                                                                             |               |                | 6.13  |
|                                |                                                       |            |         |                       |                       |                           |                       |                                       |                 |                |                                                                                           |                                                                                                         | Wick ... {    | Valencia ... { | 6.11  |

## NOTES ON THE WEATHER OF YESTERDAY.

Except in the West of Ireland the sky was overcast or cloudy all day, accompanied locally by mist. Rain or drizzle was experienced in most districts.

Valencia had most sunshine with 8.4 hours and Malin Head had 7.7 hours. Clacton had 5 hours but the majority of stations in England and Scotland had little or no sunshine.

The largest measurement of rain was 12 mm at Wick. At Nottingham 8 mm fell. The temperature reached 50° F. at only a few stations.

The minimum thermometer fell to 35° F. at Dunghness.



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

BRITISH SECTION.

No. B. 31, 319

MONDAY 5<sup>th</sup> APRIL

.1920.

| OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H. |                     |                          |       |                |          |                |                     |                          |                            |                           |       |                            |          |      |                 |                          |             |             |          |                |           |                    |                            |            |       |              |      |      |
|-------------------------------------------------------------------------|---------------------|--------------------------|-------|----------------|----------|----------------|---------------------|--------------------------|----------------------------|---------------------------|-------|----------------------------|----------|------|-----------------|--------------------------|-------------|-------------|----------|----------------|-----------|--------------------|----------------------------|------------|-------|--------------|------|------|
| STATIONS.                                                               | BAROM.              | Change<br>in 3<br>hours. | WIND. |                | Weather. | TEMP.          | Humidity.           | Visibility.              | Height<br>of Low<br>Cloud. | Low Cloud.                |       | Upper Cloud.               |          | Sea. | BAROM.          | Change<br>in 3<br>hours. | WIND.       |             | Weather. | TEMP.          | Humidity. | Visibility.        | Height<br>of Low<br>Cloud. | Low Cloud. |       | Upper Cloud. |      | Sea. |
|                                                                         | at<br>M.S.L.<br>mb. |                          | Dir.  | Force<br>0-12. |          | °F.            |                     |                          |                            | Form.                     | Am't. | Form.                      | Am't.    |      | 0-9.            |                          | mb.         | Dir.        |          | Force<br>0-12. |           |                    |                            | °F.        | Form. | Am't.        | 0-9. |      |
| 13H. G.M.T. 4 <sup>h</sup>                                              |                     |                          |       |                |          |                |                     |                          |                            |                           |       |                            |          |      |                 |                          |             |             |          |                |           |                    |                            |            |       |              |      |      |
| Eskdalemuir ...                                                         | 1011.4              | 0                        | N     | 3              | o        | 44             | 75                  | 7                        | -                          | Sc                        | 10    | -                          | -        | *    | 1010.9          | -1                       | ENE         | 2           | or       | 43             | 92        | 6                  | 15-2000                    | Nb         | 7     | ASc          | 3    | *    |
| Valencia (Cahire's)                                                     | 1014.5              | 0                        | NW    | 3              | bcz      | 52             | 75                  | 7                        | 3-4000                     | Cu                        | 3     | 0                          | 1        | 2    | 1014.3          | 0                        | WNW         | 2           | b        | 50             | 75        | 9                  | 3-3000                     | ScCu       | 2     | -            | -    | 3    |
| Baldonnel ...                                                           | 1013.3              | 0                        | -     | 0              | CZ       | 48             | 91                  | 5                        | 1-1500                     | ScCu                      | 8     | -                          | -        | *    | 1012.5          | 0                        | W           | 2           | CZ       | 48             | 92        | 6                  | 15-2000                    | FCu        | 3     | ASc          | 5    | *    |
| 19H. G.M.T. OF 4 <sup>h</sup>                                           |                     |                          |       |                |          |                |                     |                          |                            |                           |       |                            |          |      |                 |                          |             |             |          |                |           |                    |                            |            |       |              |      |      |
| Didsbury ...                                                            | 1010.8              | +2                       | NNW   | 3              | o        | 50             | 65                  | 0                        | -                          | ScCu                      | 7     | -                          | -        | *    | 1012.5          | +2                       | NNW         | 3           | bz       | 47             | 75        | 4                  | -                          | -          | -     | CuCu         | 1    | *    |
| Falmouth ...                                                            | 1007.4              | +2                       | N     | 3              | o        | 50             | 65                  | 7                        | 2-3000                     | ScCu                      | 6     | -                          | -        | 2    | 1008.4          | +2                       | NNW         | 4           | o        | 47             | 75        | 7                  | 2-3000                     | ScCu       | 10    | -            | -    | 2    |
| Calshot (Hants) ...                                                     | 1007.3              | +1                       | NNE   | 5              | o        | 45             | 87                  | 8                        | 15-2000                    | ScCu                      | 10    | -                          | -        | *    | 1004.5          | +2                       | NNE         | 4           | o        | 45             | 87        | 7                  | 2-3000                     | ScCu       | 3     | ASc          | 1    | *    |
| Lympne (Folkestone)                                                     | 1002.3              | +1                       | NNE   | 5              | o        | 45             | 87                  | 8                        | 15-2000                    | ScCu                      | 10    | -                          | -        | *    | 1004.5          | +2                       | NNE         | 4           | o        | 45             | 87        | 7                  | 2-3000                     | ScCu       | 3     | ASc          | 1    | *    |
| 1H. G.M.T. OF 5 <sup>h</sup>                                            |                     |                          |       |                |          |                |                     |                          |                            |                           |       |                            |          |      |                 |                          |             |             |          |                |           |                    |                            |            |       |              |      |      |
| Aberdeen ...                                                            | 1011.7              | -1                       | NNW   | 2              | o        | 44             | 82                  | 8                        | -                          | Nb                        | 10    | -                          | -        | 3    | 1008.7          | +1                       | N           | 4           | o        | 44             | 92        | 6                  | 15-2000                    | ScCu       | 10    | -            | -    | *    |
| Howden ...                                                              | 1008.2              | 0                        | NNE   | 5              | o        | 47             | 75                  | 5                        | 15-2000                    | ScCu                      | 10    | -                          | -        | *    | 1008.7          | +1                       | N           | 4           | o        | 44             | 92        | 6                  | 15-2000                    | ScCu       | 10    | -            | -    | *    |
| Cranwell (Lines)                                                        | 1008.3              | +3                       | NNE   | 4              | or       | 44             | 92                  | 5                        | -                          | Sc                        | 10    | -                          | -        | *    | 1008.7          | +1                       | N           | 4           | o        | 44             | 92        | 6                  | 15-2000                    | ScCu       | 10    | -            | -    | *    |
| Felixstowe ...                                                          | 1005.9              | 0                        | NNE   | 2              | o        | 47             | 87                  | 4                        | 1-1500                     | CuN                       | 9     | -                          | -        | *    | 1006.8          | 0                        | NW          | 2           | od       | 46             | 98        | 4                  | 1-1500                     | CuN        | 10    | -            | -    | *    |
| Shoeburyness...                                                         | 1005.6              | +1                       | NE    | 3              | ou       | 48             | 82                  | 6                        | 3-4000                     | CuN                       | 7     | CiCu                       | 2        | *    | 1006.8          | +2                       | ENE         | 1           | bc       | 47             | 82        | 7                  | 3-4000                     | ScCu       | 2     | ASc          | 3    | *    |
| Benson ...                                                              | 1007.0              | 0                        | N     | 4              | c        | 48             | 82                  | 5                        | -                          | Cu                        | 8     | -                          | -        | *    | 1008.4          | +1                       | N           | 3           | o        | 47             | 92        | 7                  | -                          | Sc         | 10    | -            | -    | *    |
| S. Farnborough                                                          | 1006.7              | +1                       | NNE   | 3              | om       | 49             | 75                  | 5                        | 1-1000                     | Nb                        | 10    | -                          | -        | *    | 1008.4          | +1                       | N           | 3           | o        | 47             | 92        | 7                  | -                          | Sc         | 10    | -            | -    | *    |
| London (Kew Obs.)                                                       | 1006.6              | +1                       | N     | 2              | ou       | 48             | 75                  | 5                        | 15-2000                    | Nb                        | 10    | -                          | -        | *    | 1008.4          | +1                       | N           | 3           | o        | 47             | 92        | 7                  | -                          | Sc         | 10    | -            | -    | *    |
| Croydon ...                                                             | 1008.4              | 0                        | N     | 2              | om       | 46             | 82                  | 4                        | 1-500                      | Sc                        | 10    | -                          | -        | *    | 1008.2          | +1                       | N           | 2           | om       | 46             | 87        | 5                  | 1-1000                     | Sc         | 10    | -            | -    | *    |
| 7H. G.M.T. OF 5 <sup>h</sup>                                            |                     |                          |       |                |          |                |                     |                          |                            |                           |       |                            |          |      |                 |                          |             |             |          |                |           |                    |                            |            |       |              |      |      |
| Eskdalemuir ...                                                         | 1011.6              | 0                        | -     | 0              | o        | 40             | 88                  | 6                        | -                          | St                        | 10    | -                          | -        | *    | 1011.7          | +1                       | -           | 0           | o        | 40             | 88        | 7                  | -                          | St         | 10    | -            | -    | *    |
| Valencia (Cahire's)                                                     | 1015.1              | 0                        | -     | 0              | bc       | 42             | *                   | *                        | *                          | *                         | *     | *                          | *        | 0    | 1014.8          | 0                        | NE          | 1           | bz       | 35             | 88        | 8                  | -                          | -          | -     | -            | -    | 2    |
| Baldonnel ...                                                           | 1013.4              | 0                        | -     | 0              | 03       | 43             | 82                  | 8                        | 15-2000                    | St                        | 10    | -                          | -        | *    | 1013.8          | +2                       | -           | 0           | o        | 42             | 92        | 4                  | 1-1000                     | St         | 10    | A-St         | 4    | *    |
| 1H. G.M.T. OF 5 <sup>h</sup>                                            |                     |                          |       |                |          |                |                     |                          |                            |                           |       |                            |          |      |                 |                          |             |             |          |                |           |                    |                            |            |       |              |      |      |
| Didsbury ...                                                            | *                   | *                        | *     | *              | *        | *              | *                   | *                        | *                          | *                         | *     | *                          | *        | *    | 1011.7          | +1                       | NW          | 2           | C3       | 41             | 92        | 7                  | -                          | St         | 10    | -            | -    | 2    |
| Falmouth ...                                                            | 1014.2              | +1                       | NW    | 2              | bc       | 42             | 92                  | 7                        | -                          | CuNb                      | 4     | -                          | -        | *    | 1014.5          | +1                       | NW          | 2           | o        | 43             | 92        | 6                  | 2-3000                     | ScCu       | 10    | -            | -    | *    |
| Calshot (Hants) ...                                                     | 1011.4              | +1                       | WNW   | 3              | om       | 45             | 82                  | 6                        | 3-4000                     | ScCu                      | 10    | -                          | -        | 2    | 1012.4          | +2                       | WNW         | 2           | om       | 43             | 92        | 5                  | 1-1500                     | St         | 6     | A-St         | 4    | *    |
| Lympne (Folkestone)                                                     | *                   | *                        | *     | *              | *        | *              | *                   | *                        | *                          | *                         | *     | *                          | *        | *    | 1008.1          | +4                       | WNW         | 4           | om       | 42             | 98        | 4                  | 2-2000                     | St         | 10    | A-St         | 1    | *    |
| 1H. G.M.T. OF 5 <sup>h</sup>                                            |                     |                          |       |                |          |                |                     |                          |                            |                           |       |                            |          |      |                 |                          |             |             |          |                |           |                    |                            |            |       |              |      |      |
| Aberdeen ...                                                            | *                   | *                        | *     | *              | *        | *              | *                   | *                        | *                          | *                         | *     | *                          | *        | *    | 1011.7          | +1                       | NW          | 2           | C3       | 41             | 92        | 7                  | -                          | St         | 10    | -            | -    | 2    |
| Howden ...                                                              | 1008.7              | 0                        | N     | 3              | o        | 42             | 88                  | 4                        | 15-2000                    | St                        | 10    | -                          | -        | *    | 1011.4          | +1                       | NW          | 2           | o        | 43             | 92        | 6                  | 2-3000                     | ScCu       | 10    | -            | -    | *    |
| Cranwell (Lines)                                                        | 1010.2              | +1                       | N     | 3              | or       | 41             | 88                  | 5                        | 1-1500                     | Nb                        | 10    | -                          | -        | *    | 1010.8          | +2                       | N           | 3           | om       | 41             | 98        | 5                  | 1-1500                     | St         | 10    | -            | -    | *    |
| Felixstowe ...                                                          | *                   | *                        | *     | *              | *        | *              | *                   | *                        | *                          | *                         | *     | *                          | *        | *    | 1009.0          | +1                       | W           | 3           | 03       | 44             | 92        | 4                  | 1-1500                     | St         | 10    | -            | -    | 3    |
| Shoeburyness...                                                         | *                   | *                        | *     | *              | *        | *              | *                   | *                        | *                          | *                         | *     | *                          | *        | *    | 1008.0          | +2                       | WSW         | 3           | or       | 43             | 87        | 6                  | 15-2000                    | St         | 10    | -            | -    | *    |
| Benson ...                                                              | *                   | *                        | *     | *              | *        | *              | *                   | *                        | *                          | *                         | *     | *                          | *        | *    | 1010.8          | +2                       | WNW         | 2           | or       | 42             | 98        | 5                  | -                          | Nb         | 5     | -            | -    | *    |
| S. Farnborough                                                          | *                   | *                        | *     | *              | *        | *              | *                   | *                        | *                          | *                         | *     | *                          | *        | *    | 1011.0          | +1                       | W           | 2           | or       | 42             | 98        | 5                  | 1-1000                     | Nb         | 10    | -            | -    | *    |
| London ...                                                              | 1009.9              | +1                       | *     | *              | *        | *              | *                   | *                        | *                          | *                         | *     | *                          | *        | *    | 1010.0          | +1                       | W           | 2           | od       | 44             | 92        | 4                  | 2-2000                     | St         | 10    | -            | -    | *    |
| (M.O. at 1h.)                                                           | *                   | *                        | *     | *              | *        | *              | *                   | *                        | *                          | *                         | *     | *                          | *        | *    | 1012.5          | +1                       | WNW         | 2           | od       | 43             | 98        | 5                  | 1-1500                     | St         | 10    | -            | -    | *    |
| Croydon ...                                                             | 1012.2              | +2                       | W     | 2              | om       | 42             | 98                  | 3                        | 1-2000                     | St                        | 10    | -                          | -        | *    | 1012.5          | +1                       | WNW         | 2           | od       | 43             | 98        | 5                  | 1-1500                     | St         | 10    | -            | -    | *    |
| STATIONS CONTRIBUTING REPORTS AT 7H. AND 19H.                           |                     |                          |       |                |          |                |                     |                          |                            |                           |       |                            |          |      |                 |                          |             |             |          |                |           |                    |                            |            |       |              |      |      |
| STATIONS.                                                               | BAROM.              | TEMP.                    | WIND. |                | Weather. | BAROMETER.     |                     | TEMPERATURE.             |                            | WIND.                     |       | Dir. of<br>Upper<br>Cloud. | Weather. | Sea. | Rainfall<br>mm. | TEMP.                    |             |             | WEATHER. |                |           | Sunshine<br>Hours. |                            |            |       |              |      |      |
|                                                                         | at<br>M.S.L.<br>mb. |                          | °F.   | Dir.           |          | Force<br>0-12. | at<br>M.S.L.<br>mb. | Change<br>in<br>2 hours. | Temp.<br>°F.               | Change<br>in<br>24 hours. | Dir.  |                            |          |      |                 | Force<br>0-12.           | Max.<br>°F. | Min.<br>°F. | Morning. | Afternoon.     | Night.    |                    |                            |            |       |              |      |      |
| 19H. G.M.T. OF 4 <sup>h</sup>                                           |                     |                          |       |                |          |                |                     |                          |                            |                           |       |                            |          |      |                 |                          |             |             |          |                |           |                    |                            |            |       |              |      |      |
| Lerwick ...                                                             | 1012.4              | 44                       | NE    | 3              | bcu      | 1011.6         | -1                  | 42                       | -2                         | NNW                       | 1     | -                          | cu       | 0    | 0.1             | 47                       | 38          | bcu         | bcu      | omp            | *         |                    |                            |            |       |              |      |      |
| Stornoway ...                                                           | 1012.8              | 43                       | ENE   | 2              | o        | 1012.4         | 0                   | 42                       | 0                          | -                         | 0     | -                          | o        | 0    | 1               | 45                       | 41          | od.p        | o        | o              | 0.0       |                    |                            |            |       |              |      |      |
| Castlebay (Barra's)                                                     | 1012.7              | 45                       | NW    | 2              | o        | 1012.6         | *                   | 43                       | 0                          | NW                        | 3     | -                          | op       | 3    | 1               | 48                       | 40          | r.o         | o.c.o    | o              | 0.6       |                    |                            |            |       |              |      |      |
| Glasgow ...                                                             | 1010.7              | 46                       | NW    | 2              | r        | 1012.1         | 0                   | 41                       | 0                          | NNE                       | 2     | -                          | omg      | *    | 2               | 50                       | 40          | om.c        | c.r      | od.p.m         | 0.5       |                    |                            |            |       |              |      |      |
| 7H. G.M.T. OF 5 <sup>h</sup>                                            |                     |                          |       |                |          |                |                     |                          |                            |                           |       |                            |          |      |                 |                          |             |             |          |                |           |                    |                            |            |       |              |      |      |
| Malin Head ...                                                          | 1012.3              | 44                       | NW    | 2              | cu       | 1011.6         | 0                   | 43                       | -1                         | NW                        | 2     | NW                         | c        | 2    | -               | 49                       | 43          | bc          | em       | c              | 5.7       |                    |                            |            |       |              |      |      |
| Blacksod Point                                                          | 1013.0              | 49                       | NNE   | 2              | bc       | 1012.0         | 0                   | 44                       | +1                         | NW                        | 1     | -                          | bc       | 0    | -               | 52                       | 39          | bc          | b        | bc             | *         |                    |                            |            |       |              |      |      |
| Roche's Point...                                                        | 1013.2              | 48                       | SE    | 1              | o        | 1014.5         | 0                   | 44                       | -1                         | NNW                       | 3     | -                          | c        | 2    | 1               | 54                       | 43          | o.c         | cog.p.o  | o.c            | *         |                    |                            |            |       |              |      |      |
| Birr Castle ...                                                         | 1013.0              | 45                       | NW    | 1              | c        | 1013.9         | *                   | 41                       | -7                         | NW                        | 1     | -                          | c        | *    | 1               | 55                       | 40          | c           | cdp      | cp.c           | 5.8       |                    |                            |            |       |              |      |      |
| Donaghadee ...                                                          | 1012.0              | 47                       | NE    | 1              | cu       | 1012.3         | +2                  | 40                       | -4                         | W                         | 1     | -                          | bcu      | 1    | -               | 48                       | 39          | bcu         | om.bcu   | bcu            | *         |                    |                            |            |       |              |      |      |
| 24 HOURS ENDED 7H. 5 <sup>h</sup>                                       |                     |                          |       |                |          |                |                     |                          |                            |                           |       |                            |          |      |                 |                          |             |             |          |                |           |                    |                            |            |       |              |      |      |
| Liverpool (Bidston)                                                     | 1010.6              | 45                       | NW    | 3              | o        | 1011.1         | +1                  | 43                       | 0                          | WNW                       | 2     | N                          | o        | 2    | 1               | 46                       | 42          | ogm         | om       | c.o            | 0.0       |                    |                            |            |       |              |      |      |
| Holyhead ...                                                            | 1011.5              | 47                       | N     | 3              | b        | 1011.9         | 0                   | 44                       | 0                          | WNW                       | 3     | -                          | og       | 1    | 1               | 50                       | 42          | od.cg       | c.b.c    | bc.ogp         | 1.6       |                    |                            |            |       |              |      |      |
| Pembroke (St. Ann's Head)                                               | 1012.5              | 46                       | N     | 3              | c        | 1013.1         | -1                  | 45                       | +1                         | WNW                       | 2     | W                          | c        | 1    | -               | 50                       | 41          | c           | c.o      | b.b.c          | 5.5       |                    |                            |            |       |              |      |      |
| Scilly (St. Mary's)                                                     | 1013.5              | 47                       | NW    | 3              | bc       | 1014.3         | 0                   | 46                       | 0                          | WNW                       | 3     | -                          | c        | 3    | -               | 53                       | 45          | cp.bc       | bc       | c              | 6.7       |                    |                            |            |       |              |      |      |
| Jersey (St. Aubin)                                                      | 1010.0              | 49                       | NW    | 2              | c        | 1013.5         | 0                   | 47                       | +2                         | NW                        | 2     | W                          | bc       | 2    | trace           | 51                       | 44          | or.c        | c.b.c    | c.b.c          | 4.0       |                    |                            |            |       |              |      |      |
| Portland Bill ...                                                       | 1008.3              | 47                       | NNW   | 4              | o        | 1011.7         | +1                  | 46                       | 0                          | NNW                       | 3     | -                          | c        | 5    | 0.2             | 51                       | 42          | o           | ep       | o.c            | *         |                    |                            |            |       |              |      |      |
| Dungeness ...                                                           | 1005.6              | 47                       | N     | 3              | c        | 1009.2         | +1                  | 44                       | +6                         | WNW                       | 3     | W                          | c        | 3    | 2               | 49                       | 36          | c.r.c       | c.r.c    | cp.c.r.c       | *         |                    |                            |            |       |              |      |      |
| 1H. G.M.T. OF 5 <sup>h</sup>                                            |                     |                          |       |                |          |                |                     |                          |                            |                           |       |                            |          |      |                 |                          |             |             |          |                |           |                    |                            |            |       |              |      |      |
| Wick ...                                                                | 1011.1              | 43                       | N     | 2              | om       | 1011.5         | 0                   | 43                       | +1                         | NE                        | 2     | -                          | om       | 2    | trace           | 45                       | 40          | om          | om       | omp.d          | *         |                    |                            |            |       |              |      |      |
| Nairn ...                                                               | 1011.7              | 44                       | -     | 0              | r        | 1011.7         | *                   | 40                       | -2                         | -                         | 0     | -                          | odg      | 0    | 2               | 46                       | 39          | dg.c        | cg       | dg.no          | 0.0       |                    |                            |            |       |              |      |      |
| Leith ...                                                               | 1010.3              | 43                       | SE    | 1              | r        | 1011.0         | 0                   | 42                       | 0                          | NW                        | 1     | -                          | om       | 1    | 2               | 49                       | 41          | od.o        | omd      | dm.d.o         | *         |                    |                            |            |       |              |      |      |
| 1H. G.M.T. OF 5 <sup>h</sup>                                            |                     |                          |       |                |          |                |                     |                          |                            |                           |       |                            |          |      |                 |                          |             |             |          |                |           |                    |                            |            |       |              |      |      |
| Tynemouth ...                                                           | 1009.7              | 42                       | N     | 3              | om       | 1010.4         | +2                  | 41                       | -1                         | N                         | 2     | -                          | om       | 3    | 0.4             | 42                       | 40          | ompq        | omp      | omp.om         | *         |                    |                            |            |       |              |      |      |
| Spurn Head ...                                                          | 1007.3              | 44                       | NW    | 5              | o        | 1008.0         | +2                  | 43                       | 0                          | WSW                       | 5     | -                          | og       | 5    | 5               | 44                       | 45          | orm         | o        | ogp            | *         |                    |                            |            |       |              |      |      |
| Yarmouth (Gorleston)                                                    | 1005.0              | 45                       | NNW   | 3              | r        | 1007.3         | 0                   | 43                       | -1                         | NNW                       | 3     | -                          | omr      | 3    | 4               | 49                       | 41          | omond       | omr      | ogp            | 0.0       |                    |                            |            |       |              |      |      |
| Clacton-on-Sea                                                          | 1005.8              | 43                       | NW    | 3              | c        | 1008.9         | +2                  | 43                       | 0                          | WNW                       | 3     | -                          | og       | 1    | 5               | 49                       | 41          | cp          | cp.c3    | cog.r          | 0.4       |                    |                            |            |       |              |      |      |
| Nottingham ...                                                          | 1009.3              | 46                       | N     | 2              | o        | 1010.5         | *                   | 43                       | 0                          | NNW                       | 1     | -                          | om       | 4    | 4               | 46                       | 42          | or          | r.o      | o              | 0.0       |                    |                            |            |       |              |      |      |

\* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

8 For code see page 3.



# SUMMARY OF CONDITIONS AT 7 A.M. Monday April 5th, 1920.

| Districts.                | Wind Velocity in m.p.h. | Temperature. | Weather, Cloud and Precipitation.      | Visibility. | Sea.      |
|---------------------------|-------------------------|--------------|----------------------------------------|-------------|-----------|
| 1. S.E. England           | W-NW 5-15               | Mod.         | Cloudy to dull; local mist or drizzle. | Indif.      | Smooth    |
| 2. E. England             | NNW-WNW 5-10            | "            | Dull; Local rain and mist              | Fair        | Slight    |
| 3. E. Midlands            | N-NW 2-5                | "            | Dull; local rain or mist.              | Indif.      | -         |
| 4. W. Midlands            | NW-W 2-5                | "            | Dull; local mist.                      | "           | -         |
| 5. S.W. England           | NNW-WNW 5-10            | "            | Cloudy to dull, local mist             | "           | Slight    |
| 6. South Wales            | NW-W 5-10               | "            | ditto.                                 | "           | Smooth    |
| 7. North Wales            | NW-W 5-10               | "            | Dull.                                  | "           | "         |
| 8. N.W. England           | NW-W 5-10               | "            | Dull.                                  | "           | "         |
| 9. N. Midlands            | N-NW 2-5                | "            | Dull; local mist.                      | "           | "         |
| 10. N.E. England          | N-NW 5-15               | "            | ditto.                                 | Fair        | Slight    |
| 11. E. Scotland           | NW 0-5                  | "            | Cloudy to dull, local mist             | Good        | Smooth    |
| 12. S.W. Scotland         | N-NW 0-5                | "            | Dull; local mist.                      | "           | "         |
| 13. Isle of Man           | NW 2-5                  | "            | Fair to cloudy.                        | Fair.       | "         |
| 14. N. & N.W. Scotland    | NE-N 0-5                | "            | Dull, local mist.                      | "           | "         |
| 15. Hebrides              | N 0-2                   | "            | Dull.                                  | "           | "         |
| 16. Orkneys and Shetlands | NE-N 2-5                | "            | Cloudy; some mist.                     | "           | V. Smooth |
| 17. N.W. Ireland          | NW 2-5                  | "            | Fair to cloudy.                        | Indif.      | "         |
| 18. N.E. Ireland          | NW-W 2-5                | "            | Fair to cloudy; local mist             | "           | Smooth    |
| 19. S.E. Ireland          | NW 0-2                  | "            | Cloudy to dull.                        | Poor.       | "         |
| 20. S.W. Ireland          | NE-N 2-10               | R. Cold.     | Fine to cloudy.                        | Good.       | "         |

Upper Cloud

Visibility

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

A shallow depression over Germany is moving east slowly. Much low cloud with some showers is probable in the Eastern and Northern districts, but fairer conditions are probable in the West. The outlook beyond the forecast period is uncertain but indications rather point to an unsettled North-Westerly or Westerly type.

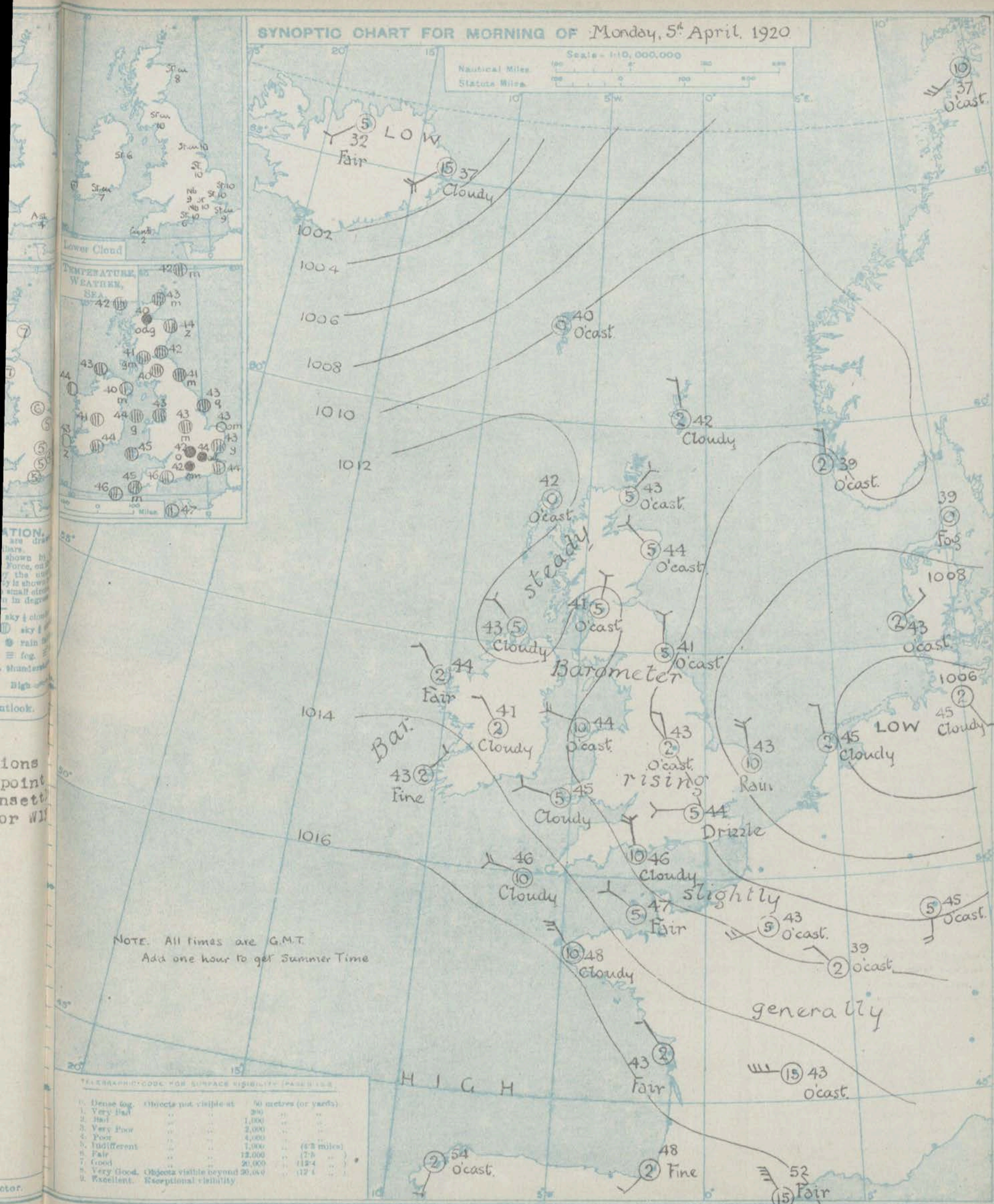
**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn at intervals of two millibars.  
**WIND.**—Direction is shown by flying with the wind. Force, on a 0-12, is indicated by the number of feathers. Mean velocity is shown per hour by figures in small circles.  
**TEMPERATURE.**—Is given in degrees.  
**WEATHER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

| Districts.                | Forecasts for the 24 hours commencing 5th April, 1920.                                                                                                | Further Outlook.                                          |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| 1. S.E. England           | Light or moderate N.W. to W. winds. Much low cloud, some showers and fairer intervals. Visibility indifferent to fair. Moderate temperature.          | Indications rather point to an unsettled N.W. or W. type. |
| 2. E. England             |                                                                                                                                                       |                                                           |
| 3. E. Midlands            |                                                                                                                                                       |                                                           |
| 4. W. Midlands            | Light or moderate North-West winds. Cloudy, fair intervals, local showers. Visibility indifferent to fair. Moderate temperature.                      |                                                           |
| 5. S.W. England           |                                                                                                                                                       |                                                           |
| 6. South Wales            |                                                                                                                                                       |                                                           |
| 7. North Wales            |                                                                                                                                                       |                                                           |
| 8. N.W. England           |                                                                                                                                                       |                                                           |
| 9. N. Midlands            | Light or moderate winds between North and West. Much low cloud, some showers, fairer intervals. Visibility indifferent to fair. Moderate temperature. |                                                           |
| 10. N.E. England          |                                                                                                                                                       |                                                           |
| 11. E. Scotland           |                                                                                                                                                       |                                                           |
| 12. S.W. Scotland         |                                                                                                                                                       |                                                           |
| 13. Isle of Man           | Same as 4 to 8.                                                                                                                                       |                                                           |
| 14. N. & N.W. Scotland    | Light variable winds chiefly between North and West. Cloudy to dull, some showers. Visibility indifferent to fair. Moderate temperature.              |                                                           |
| 15. Hebrides              |                                                                                                                                                       |                                                           |
| 16. Orkneys and Shetlands | Light winds between N. & W. Mainly fair but local showers. Visibility fair. Moderate temperature.                                                     |                                                           |
| 17. N.W. Ireland          |                                                                                                                                                       |                                                           |
| 18. N.E. Ireland          | Same as 4 to 8.                                                                                                                                       |                                                           |
| 19. S.E. Ireland          |                                                                                                                                                       |                                                           |
| 20. S.W. Ireland          | Same as 17.                                                                                                                                           |                                                           |



# SYNOPTIC CHART FOR MORNING OF Monday, 5<sup>th</sup> April, 1920

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



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

## TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 102)

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



WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 4<sup>th</sup>

| STATIONS.            | WEATHER.  |            | TEMPERATURE. |         | RAINFALL.      |              | SUNSHINE. |                    | STATIONS.         | WEATHER.  |            | TEMPERATURE. |         | RAINFALL.      |              | SUNSHINE. |                    |
|----------------------|-----------|------------|--------------|---------|----------------|--------------|-----------|--------------------|-------------------|-----------|------------|--------------|---------|----------------|--------------|-----------|--------------------|
|                      | Forenoon. | Afternoon. | Max. F.      | Min. F. | Night. 17h-9h. | Day. 9h-17h. | to 17h.   | Sunrise to Sunset. |                   | Forenoon. | Afternoon. | Max. F.      | Min. F. | Night. 17h-9h. | Day. 9h-17h. | to 17h.   | Sunrise to Sunset. |
| Scotland.            |           |            |              |         |                |              |           |                    | England, N.W.     |           |            |              |         |                |              |           |                    |
| Oban ...             |           |            | 44           | 42      | 1              | 1            | 0.0       | ?                  | Douglas (I.O.M.)  |           |            |              |         |                |              |           |                    |
| Banff ...            | or        | r          | 44           | 42      | 1              | 1            | 0.0       | ?                  | Blackpool ...     |           |            | 49           | 42      | 0.1            | -            | 0.2       | ?                  |
| Montrose ...         |           |            |              |         |                |              |           |                    | Southport ...     | o         | oc         |              |         |                |              |           |                    |
| St. Andrews ...      |           |            |              |         |                |              |           |                    | England, N.E.     |           |            |              |         |                |              |           |                    |
| Harrogate ...        | o         | o          | 44           | 39      | 2              | 0.1          | 0.1       | ?                  | Buxton ...        | or        | or         | 46           | 41      | 1              | 3            | 0.0       | ?                  |
| Scarborough ...      |           |            |              |         |                |              |           |                    | Leamington Spa... | or        | or         |              |         |                |              |           |                    |
| Skegness ...         |           |            |              |         |                |              |           |                    | Malvern ...       | ocob      | grgom      | 47           | 41      | 2              | 1            | 0.0       | ?                  |
| England, E.          |           |            |              |         |                |              |           |                    | Ross-on-Wye ...   | ocbc      | or         | 52           | 42      | 2              | 1            | 1.4       | ?                  |
| Lowestoft ...        | om        | or         | 46           | 43      | 2              | -            | 0.2       | ?                  | Bath ...          |           |            |              |         |                |              |           |                    |
| Felixstowe ...       | beogp     | ogpbc      | 49           | 42      | 1              | 1            | 0.2       | ?                  | Rhyl ...          | e         | c bcc      | 47           | 43      | 0.3            | -            | 0.2       | ?                  |
| Southend-on-Sea...   | ok        | ad         | 50           | 40      | 0.1            | 0.1          | 0.3       | ?                  | Colwyn Bay ...    | *         | *          | 47           | 43      | 1              | -            | 0.0       | ?                  |
| England, S.E.        |           |            |              |         |                |              |           |                    | Llandudno ...     | o         | c b        | 48           | 43      | 2              | -            | 0.9       | ?                  |
| Tunbridge Wells      | oco       | o.oro      | 49           | 33      | -              | 1            | 0.2       | ?                  | Aberystwyth ...   |           |            |              |         |                |              |           |                    |
| Margate ...          |           |            |              |         |                |              |           |                    | Swansea ...       |           |            |              |         |                |              |           |                    |
| Ramsgate ...         | *         | *          |              |         |                |              |           |                    | England, S.W.     |           |            |              |         |                |              |           |                    |
| Folkestone ...       | obe       | bccc       | 56           | 42      | -              | 1            | 0.1       | ?                  | Weymouth ...      |           |            |              |         |                |              |           |                    |
| Hastings ...         | abc       | bcopc      | 52           | 38      | -              | 1            | 3.2       | ?                  | Teignmouth ...    |           |            |              |         |                |              |           |                    |
| Eastbourne ...       | bc        | eo         | 52           | 36      | -              | -            | 3.6       | ?                  | Torquay ...       | opc       | c          | 54           | 42      | 4              | 0.1          | 2.8       | ?                  |
| Brighton ...         | oc        | op         | 50           | 37      | -              | -            | 0.8       | ?                  | Paignton ...      |           |            |              |         |                |              |           |                    |
| Worthing ...         | o         | c b c r o  | 52           | 38      | -              | -            | 1.8       | 0.3                | Penzance ...      | abc       | c bc       | 52           | 44      | 2              | -            | 7.2       | 0.1                |
| Littlehampton ...    | ocm       | bcm        | 50           | 38      | -              | 0.4          | 2.0       | ?                  | Newquay ...       | bc        | bc         | 49           | 42      | 6              | -            | 5.5       | ?                  |
| Portsmouth (S. thea) | or        | bc         | 51           | 42      | -              | 0.2          | 0.8       | 3.3                | Bude ...          |           |            |              |         |                |              |           |                    |
| Bournemouth ...      | *         | *          | 50           | 42      | 2              | 1            | 1.2       | ?                  | Ilfracombe ...    |           |            |              |         |                |              |           |                    |
| Ventnor (I. of W.)   | *         | *          | 52           | 41      | -              | -            | 2.1       | ?                  | Weston-s-Mare ... |           |            |              |         |                |              |           |                    |

## SUMMARIES FOR PAST 24 HOURS.

| STATIONS.              | WEATHER.          |             | TEMPERATURE. |         | RAINFALL.    |                | SUNSHINE. |        | STATIONS.             | WEATHER.                   |             | TEMPERATURE. |         | RAINFALL.    |                | SUNSHINE. |        |
|------------------------|-------------------|-------------|--------------|---------|--------------|----------------|-----------|--------|-----------------------|----------------------------|-------------|--------------|---------|--------------|----------------|-----------|--------|
|                        | 7h-13h.           | 13h-18h.    | Max. F.      | Min. F. | Day. 7h-18h. | Night. 18h-7h. | Hours.    | Hours. |                       | 7h-13h.                    | 13h-18h.    | Max. F.      | Min. F. | Day. 7h-18h. | Night. 18h-7h. | Hours.    | Hours. |
| Eskdalemuir ...        | o.odo             | o.or        | 46           | 38      | 0.1          | 2              | 0.0       |        | Valencia (Cabrielvea) | b b c z                    | b y c b     | 52           | 35      | 3.1          | -              | 11.2      |        |
| Baldonnel ...          | c.oz              | bccz        |              |         |              |                |           |        | Didsbury ...          | bc oz                      | ogebz       | 52           | 40      | 3.4          | trace          | 6.0       |        |
| Falmouth ...           |                   |             |              |         |              |                |           |        | Calshot (Hants)       | v.c                        | c.o         | 51           | 42      | *            | -              | 1.0       |        |
| Lymington (Folkestone) | b m f.            | cp          | 49           | 38      | 4.1          | 1              | 2.0       |        | Aberdeen ...          | o. p o                     | o. p c      | 45           | 40      | 3.3          | 0.4            | 0.1       | 0.0    |
| Howden ...             | p a o             | o           | 48           | 41      | *            | *              | *         |        | Cranwell (Lincs)      | r. r. th.                  | o. r. r.    | 45           | 40      | 5            | 1              | 0.0       |        |
| Felixstowe ...         | z. r              | p           | 49           | 42      | *            | *              | *         |        | Shoeburyness ...      | c. r o                     | o. r. b c   | 49           | 42      | 4.1          | 1              | 2         | 0.1    |
| Benson ...             | oc                | oc          | 49           | 42      | 4.2          | 2              | *         |        | S. Farnborough ...    | o. r. o. m. p. a. b. c. m. | c. o. r. m. | 49           | 41      | 3.0          | 2              | 0.7       |        |
| London (Kew Obs.)      | o. m. p. o. u. c. | o. m. p. d. | 50           | 43      | 4.0          | 0.2            | 1.0       |        | Croydon ...           | o. p. d.                   | o. m. p. d. | 50           | 43      | 4.0          | 0.2            | 1.0       |        |

## BEAUFORT NOTATION.

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

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

## THE BEAUFORT SCALE OF WIND FORCE.

| Limits of Velocity at about 30 feet above ground. |                         |                    |
|---------------------------------------------------|-------------------------|--------------------|
| No.                                               | Statute miles per hour. | Metres per second. |
| 0                                                 | Less than 1             | Less than 0.3      |
| 1                                                 | 1-3                     | 0.3-1.5            |
| 2                                                 | 4-7                     | 1.6-3.5            |
| 3                                                 | 8-12                    | 5.4-6.4            |
| 4                                                 | 13-18                   | 6.5-7.9            |
| 5                                                 | 19-24                   | 8.0-10.7           |
| 6                                                 | 25-31                   | 10.8-13.8          |
| 7                                                 | 32-38                   | 12.9-17.1          |
| 8                                                 | 39-46                   | 17.2-20.7          |
| 9                                                 | 47-54                   | 20.8-24.4          |
| 10                                                | 55-63                   | 24.5-28.4          |
| 11                                                | 64-75                   | 28.5-33.5          |
| 12                                                | Above 75                | 33.6 or above      |

## SYMBOLS—

|              |   |              |   |
|--------------|---|--------------|---|
| Aurora       | ☉ | Solar halo   | ☾ |
| Rime         | ☾ | Lunar halo   | ☾ |
| Glazed frost | ☾ | Solar corona | ☾ |
| Glazed roads | ☾ | Lunar corona | ☾ |

| LONDON. OBSERVATIONS.          | WEATHER. |            | TEMPERATURE. |         | RAINFALL. |                  | SUNSHINE.      |                             | HUMIDITY %. |            | SOUTH KENSINGTON (Meteorological Office).                                    | TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. |          |        |
|--------------------------------|----------|------------|--------------|---------|-----------|------------------|----------------|-----------------------------|-------------|------------|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------|--------|
|                                | Morning. | Afternoon. | Night.       | Max. F. | Min. F.   | Mid. on Grass F. | Rain-fall. mm. | Sun-shine to Sunset. Hours. | 15h. G.M.T. | 9h. G.M.T. |                                                                              | 5 <sup>th</sup> & 6 <sup>th</sup> April 1920.                                                     |          |        |
| Greenwich (Royal Observatory)  | o.or     | or.o       | o.or.o       | 50      | 42        | 40               | 2              | 0.3                         | 80          | 80         | Vertical Component of Solar Radiation per Square Centimetre during yesterday | Stations.                                                                                         | Sunrise. | Noon.  |
| City (Bunhill Row)             | *        | *          | *            | *       | *         | *                | *              | *                           | *           | *          | Total..... Joules.                                                           | Yarmouth...                                                                                       | G.M.T.   | G.M.T. |
| Westminster (St. James's Park) | *        | *          | *            | *       | *         | *                | *              | *                           | *           | *          | Milliwatts.                                                                  | Greenwich                                                                                         | G.M.T.   | G.M.T. |
| " (Admiralty Arch)             | omgp     | oz         | omr.o        | 50      | 44        | *                | 2              | 0.0                         | 71          | 83         | Average Rate.                                                                | Wick                                                                                              | G.M.T.   | G.M.T. |
| Camden Sq. (British Rainfall)  | *        | *          | *            | 50      | 42        | 40               | 2              | *                           | *           | 78         | Maximum Rate.                                                                | Valencia ...                                                                                      | G.M.T.   | G.M.T. |
| Kensington Palace              | o.op     | o.c        | *            | 50      | 41        | 41               | 2              | *                           | 80 (18h)    | 87         |                                                                              |                                                                                                   |          |        |
| Hampstead Observatory          | c        | or         | or           | 48      | 41        | 39               | 2              | *                           | *           | 87         |                                                                              |                                                                                                   |          |        |

## NOTES ON THE WEATHER OF YESTERDAY.

Temperature reached or exceeded 50° in many places in England and Ireland. Birr Castle recorded a maximum of 55°, Roche's Point and Torquay 54°, and Scilly 53°. Rain or showers fell in all districts except North and West Ireland. Cranwell reported 6 mm. of rain, and Clacton and Spurn 5 mm. each. Sunshine amounts were small except in Ireland and locally in South-West England. Valencia had 11.2 hrs. of sunshine, Penzance 7.2 hrs. and Scilly 6.7 hrs.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B. 2020

Tuesday 6th April 1920.

| OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 12H. |                               |                          |       |                |          |              |                |                     |                                     |            |               |              |               |                    |                               |                          |       |                |          |              |                |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------|-------------------------------|--------------------------|-------|----------------|----------|--------------|----------------|---------------------|-------------------------------------|------------|---------------|--------------|---------------|--------------------|-------------------------------|--------------------------|-------|----------------|----------|--------------|----------------|---------------------|-------------------------------------|------------|---------------|--------------|---|------------------------|--|--|--|--|--|--|--|--|--|
| STATIONS.                                                               | BAROM.<br>at<br>M.S.L.<br>mb. | Change<br>in 3<br>hours. | WIND. |                | WEATHER. | TEMP.<br>°F. | HUMIDITY.<br>% | VISIBILITY.<br>0-9. | Height<br>of Low<br>Cloud.<br>Feet. | Low Cloud. |               | Upper Cloud. |               | Sea<br>0-9.        | BAROM.<br>at<br>M.S.L.<br>mb. | Change<br>in 3<br>hours. | WIND. |                | WEATHER. | TEMP.<br>°F. | HUMIDITY.<br>% | VISIBILITY.<br>0-9. | Height<br>of Low<br>Cloud.<br>Feet. | Low Cloud. |               | Upper Cloud. |   | Sea<br>0-9.            |  |  |  |  |  |  |  |  |  |
|                                                                         |                               |                          | Dir.  | Force<br>0-12. |          |              |                |                     |                                     | Form.      | Amt.<br>0-10. | Form.        | Amt.<br>0-10. |                    |                               |                          | Dir.  | Force<br>0-12. |          |              |                |                     |                                     | Form.      | Amt.<br>0-10. |              |   |                        |  |  |  |  |  |  |  |  |  |
| 12H. G.M.T. 5th                                                         |                               |                          |       |                |          |              |                |                     |                                     |            |               |              |               | 12H. G.M.T. OF 6th |                               |                          |       |                |          |              |                |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
| Eskdalemuir ...                                                         | 1012.2                        | 0                        | S     | 2              | C        | 44           | 82             | 6                   | 2-3000                              | St         | 8             | -            | -             | 1012.4             | 0                             | N                        | 2     | C              | 44       | 84           | 6              | 2-3000              | St                                  | 10         | -             | -            | - | -                      |  |  |  |  |  |  |  |  |  |
| Valencia (Cahire'n)                                                     | 1015.0                        | 0                        | NN    | 2              | b        | 52           | 75             | 8                   | 3-4000                              | cu         | 2             | -            | -             | 1014.7             | 0                             | N                        | 2     | C              | 50       | 82           | 8              | 2-3000              | cu                                  | 3          | 6-ku          | 5            | 3 | -                      |  |  |  |  |  |  |  |  |  |
| Baldonnel ...                                                           | 1014.6                        | 0                        | NW    | 4              | 0        | 44           | 84             | 6                   | 1-500                               | St         | 9             | -            | -             | 1015.0             | +2                            | SSW                      | 3     | 0              | 47       | 92           | 6              | 1-1500              | St                                  | 7          | 6-ku          | 3            | - | -                      |  |  |  |  |  |  |  |  |  |
| Didsbury ...                                                            | 1014.6                        | 0                        | NNW   | 3              | bc       | 54           | 85             | 8                   | 4-5000                              | cu         | 6             | -            | -             | 1015.3             | +1                            | NNW                      | 2     | bc             | 48       | 82           | 8              | -                   | cu                                  | 2          | -             | -            | - | -                      |  |  |  |  |  |  |  |  |  |
| Falmouth ...                                                            | 1012.9                        | +1                       | NN    | 2              | 0        | 51           | 85             | 7                   | 2-3000                              | St         | 10            | -            | -             | 1013.5             | +2                            | NNW                      | 2     | 0              | 47       | 82           | 7              | 2-3000              | St                                  | 10         | -             | -            | - | 2                      |  |  |  |  |  |  |  |  |  |
| Calshot (Hants) ...                                                     | 1009.3                        | 0                        | NN    | 5              | 0        | 47           | 75             | 8                   | 2-3000                              | St         | 8             | a.cu         | 1             | 1010.5             | +3                            | N                        | 4     | 0              | 43       | 75           | 6              | 1-1500              | Nb                                  | 9          | -             | -            | - | -                      |  |  |  |  |  |  |  |  |  |
| Lymington (Folkestone)                                                  | 1011.9                        | 0                        | E     | 2              | C        | 45           | 82             | 8                   | -                                   | Nb         | 8             | -            | -             | 1012.5             | 0                             | -                        | 0     | 43             | 92       | 3            | -              | Nb                  | 10                                  | -          | -             | -            | - | 2                      |  |  |  |  |  |  |  |  |  |
| Aberdeen ...                                                            | 1011.4                        | +1                       | NN    | 2              | 0        | 47           | 84             | 6                   | 2-3000                              | St         | 9             | a.st         | 1             | 1012.6             | +1                            | -                        | 0     | 43             | 92       | 6            | 3-4000         | St                  | 9                                   | -          | -             | -            | - | -                      |  |  |  |  |  |  |  |  |  |
| Howden ...                                                              | 1012.0                        | +2                       | NNW   | 3              | 0        | 47           | 82             | 6                   | 1-2000                              | St         | 9             | a.st         | 1             | 1013.3             | +2                            | NE                       | 2     | 0              | 43       | 84           | 5              | 1-1500              | St                                  | 9          | -             | -            | - | -                      |  |  |  |  |  |  |  |  |  |
| Cranwell (Lincs) ...                                                    | 1013.3                        | 0                        | N     | 3              | bc       | 47           | 92             | 5                   | 2-3000                              | cu         | 10            | -            | -             | 1012.2             | +2                            | NNW                      | 2     | bc             | 46       | 92           | 5              | 1-1500              | cu                                  | 2          | a.st          | 3            | - | -                      |  |  |  |  |  |  |  |  |  |
| Felixstowe ...                                                          | 1010.5                        | +2                       | N     | 1              | bc       | 51           | 85             | 7                   | 4-5000                              | St         | 6             | -            | -             | 1012.3             | +2                            | -                        | 0     | bc             | 45       | 92           | 7              | 4-5000              | St                                  | 4          | a.cu          | 2            | - | -                      |  |  |  |  |  |  |  |  |  |
| Shoeburyness ...                                                        | 1012.5                        | +1                       | NNW   | 1              | 0        | 46           | 92             | 5                   | -                                   | St         | 10            | -            | -             | 1012.4             | 0                             | -                        | 0     | b              | 46       | 82           | 4              | -                   | -                                   | -          | -             | -            | - | -                      |  |  |  |  |  |  |  |  |  |
| Benson ...                                                              | 1012.3                        | +1                       | NNW   | 1              | 0        | 46           | 87             | 6                   | 1-1500                              | Nb         | 9             | a.st         | 1             | 1012.7             | +2                            | NNW                      | 2     | com            | 48       | 75           | 5              | 1-1500              | Nb                                  | 4          | a.cu          | 4            | - | -                      |  |  |  |  |  |  |  |  |  |
| S. Farnborough ...                                                      | 1012.4                        | +1                       | NNW   | 3              | 0        | 47           | 75             | 4                   | 2-3000                              | St         | 8             | a.st         | 2             | 1012.7             | +2                            | NNW                      | 1     | 0              | 47       | 75           | 5              | 2-3000              | St                                  | 3          | a.cu          | 4            | - | -                      |  |  |  |  |  |  |  |  |  |
| London (Kew Obs.) ...                                                   | 1014.1                        | +1                       | N     | 2              | 0        | 46           | 84             | 5                   | 1-1000                              | St         | 8             | a.cu         | 2             | 1013.7             | +1                            | NNW                      | 2     | 0              | 47       | 84           | 5              | 1-1500              | St                                  | 6          | a.cu          | 1            | - | -                      |  |  |  |  |  |  |  |  |  |
| Croydon ...                                                             | 1013.5                        | 0                        | -     | 0              | om       | 40           | 98             | 4                   | 1-1000                              | St         | 10            | -            | -             | 1014.0             | +1                            | N                        | 2     | com            | 40       | 82           | 7              | -                   | St                                  | 10         | -             | -            | - | -                      |  |  |  |  |  |  |  |  |  |
| Valencia (Cahire'n)                                                     | 1014.9                        | 0                        | SSE   | 2              | bc       | 46           | 82             | 5                   | 4-5000                              | St         | 3             | a.cu         | 2             | 1015.5             | -1                            | ESE                      | 3     | 0              | 47       | 82           | 8              | 2-3000              | St                                  | 3          | a.st          | 7            | 2 | -                      |  |  |  |  |  |  |  |  |  |
| Baldonnel ...                                                           | 1015.8                        | 0                        | SSW   | 3              | bc       | 37           | 92             | 5                   | 4-5000                              | St         | 3             | a.cu         | 2             | 1015.5             | 0                             | -                        | 0     | c              | 49       | 92           | 6              | 1-2000              | St                                  | 2          | a.st          | 6            | - | -                      |  |  |  |  |  |  |  |  |  |
| Didsbury ...                                                            | 1016.4                        | 0                        | -     | 0              | b        | 39           | 92             | 6                   | -                                   | -          | -             | -            | -             | 1016.4             | 0                             | -                        | 0     | bmw            | 40       | 92           | 4              | -                   | -                                   | -          | a.st          | 2            | - | -                      |  |  |  |  |  |  |  |  |  |
| Falmouth ...                                                            | 1006.1                        | +1                       | NNW   | 1              | om       | 44           | 92             | 6                   | 5-7000                              | St         | 9             | -            | -             | 1016.1             | +2                            | NNW                      | 1     | bc             | 43       | 98           | 4              | 4-5000              | St                                  | 4          | -             | -            | - | 1                      |  |  |  |  |  |  |  |  |  |
| Calshot (Hants) ...                                                     | 1013.7                        | +4                       | NNE   | 1              | b.f      | 38           | 98             | 3                   | -                                   | -          | -             | -            | -             | 1013.7             | +4                            | NNE                      | 1     | b.f            | 38       | 98           | 3              | -                   | -                                   | -          | -             | -            | - | -                      |  |  |  |  |  |  |  |  |  |
| Lymington (Folkestone)                                                  | 1012.2                        | 0                        | -     | 0              | om       | 42           | 92             | 4                   | -                                   | St         | 10            | -            | -             | 1014.9             | +2                            | N                        | 1     | c              | 42       | 92           | 3              | 4-5000              | St                                  | 4          | a.cu          | 4            | - | -                      |  |  |  |  |  |  |  |  |  |
| Aberdeen ...                                                            | 1013.6                        | 0                        | -     | 0              | 0        | 42           | 98             | 6                   | 1-2000                              | St         | 10            | -            | -             | 1015.5             | +2                            | N                        | 3     | om             | 41       | 98           | 4              | 2-3000              | St                                  | 10         | -             | -            | - | -                      |  |  |  |  |  |  |  |  |  |
| Howden ...                                                              | 1014.9                        | +1                       | N     | 1              | ow       | 38           | 98             | 5                   | 2-3000                              | St         | 4             | a.cu         | 5             | 1016.0             | +2                            | WSW                      | 2     | of             | 39       | 98           | 0              | 4-5000              | St                                  | 10         | -             | -            | - | 3                      |  |  |  |  |  |  |  |  |  |
| Cranwell (Lincs) ...                                                    | 1015.7                        | +3                       | -     | 0              | bcu      | 41           | 87             | 6                   | -                                   | -          | -             | -            | -             | 1015.5             | +2                            | -                        | 0     | om             | 40       | 98           | 3              | -                   | St                                  | 10         | -             | -            | - | -                      |  |  |  |  |  |  |  |  |  |
| Felixstowe ...                                                          | 1015.5                        | +2                       | -     | 0              | om       | 40           | 98             | 3                   | -                                   | St         | 10            | -            | -             | 1015.5             | +2                            | WSW                      | 1     | of             | 40       | 98           | 2              | 1-1000              | St                                  | 7          | a.cu          | 2            | - | -                      |  |  |  |  |  |  |  |  |  |
| Shoeburyness ...                                                        | 1016.1                        | +2                       | -     | 0              | ofw      | 39           | 98             | 0                   | 4-5000                              | St         | 10            | -            | -             | 1017.6             | +2                            | SW                       | 1     | b.f            | 37       | 98           | 2              | -                   | -                                   | -          | a.cu          | 1            | - | -                      |  |  |  |  |  |  |  |  |  |
| Benson ...                                                              | 1017.6                        | +2                       | SW    | 1              | b.f      | 37           | 98             | 2                   | -                                   | -          | -             | -            | -             | 1017.6             | +2                            | SW                       | 1     | b.f            | 37       | 98           | 2              | -                   | -                                   | -          | a.cu          | 1            | - | -                      |  |  |  |  |  |  |  |  |  |
| S. Farnborough ...                                                      | 1014.3                        | 0                        | -     | 0              | 42       | 98           | 3              | 1-2000              | St                                  | 9          | -             | -            | -             | 1017.6             | +2                            | SW                       | 1     | b.f            | 37       | 98           | 2              | -                   | -                                   | -          | a.cu          | 1            | - | -                      |  |  |  |  |  |  |  |  |  |
| London (M.O. at 1st)                                                    | 1014.3                        | 0                        | -     | 0              | 42       | 98           | 3              | 1-2000              | St                                  | 9          | -             | -            | -             | 1017.6             | +2                            | SW                       | 1     | b.f            | 37       | 98           | 2              | -                   | -                                   | -          | a.cu          | 1            | - | -                      |  |  |  |  |  |  |  |  |  |
| Croydon ...                                                             | 1014.6                        | 0                        | -     | 0              | 42       | 98           | 3              | 1-2000              | St                                  | 9          | -             | -            | -             | 1017.6             | +2                            | SW                       | 1     | b.f            | 37       | 98           | 2              | -                   | -                                   | -          | a.cu          | 1            | - | -                      |  |  |  |  |  |  |  |  |  |
| STATIONS CONTRIBUTING REPORTS AT 7H AND 12H.                            |                               |                          |       |                |          |              |                |                     |                                     |            |               |              |               |                    |                               |                          |       |                |          |              |                |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
| STATIONS.                                                               | BAROM.<br>at<br>M.S.L.<br>mb. | TEMP.<br>°F.             | WIND. |                | WEATHER. | TEMP.<br>°F. | HUMIDITY.<br>% | VISIBILITY.<br>0-9. | Height<br>of Low<br>Cloud.<br>Feet. | Low Cloud. |               | Upper Cloud. |               | Sea<br>0-9.        | BAROM.<br>at<br>M.S.L.<br>mb. | TEMP.<br>°F.             | WIND. |                | WEATHER. | TEMP.<br>°F. | HUMIDITY.<br>% | VISIBILITY.<br>0-9. | Height<br>of Low<br>Cloud.<br>Feet. | Low Cloud. |               | Upper Cloud. |   | Sea<br>0-9.            |  |  |  |  |  |  |  |  |  |
|                                                                         |                               |                          | Dir.  | Force<br>0-12. |          |              |                |                     |                                     | Form.      | Amt.<br>0-10. | Form.        | Amt.<br>0-10. |                    |                               |                          | Dir.  | Force<br>0-12. |          |              |                |                     |                                     | Form.      | Amt.<br>0-10. |              |   |                        |  |  |  |  |  |  |  |  |  |
| 12H. G.M.T. OF 5th                                                      |                               |                          |       |                |          |              |                |                     |                                     |            |               |              |               | 7H. G.M.T. OF 6th  |                               |                          |       |                |          |              |                |                     |                                     |            |               |              |   | 24 HOURS ENDED 7H. 6th |  |  |  |  |  |  |  |  |  |
| Lerwick ...                                                             | 1012.2                        | 44                       | SW    | 1              | bcu      | 1007.2       | -3             | 44                  | +2                                  | W          | 3             | W            | bcu           | 2                  | -                             | 46                       | 38    | omf            | com      | bcu          | -              |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
| Stornoway ...                                                           | 1012.2                        | 44                       | -     | 0              | 0        | 1009.3       | -2             | 43                  | +1                                  | SW         | 1             | -            | bc            | 1                  | 2                             | 46                       | 41    | gdp            | adp      | o bc         | 0.2            |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
| Castlebay (Barra)                                                       | 1013.2                        | 45                       | NW    | 3              | 0        | 1014.0       | +1             | 41                  | 0                                   | W          | 3             | W            | c             | Trace              | 46                            | 40                       | omg   | om             | omdr     | 0.0          |                |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
| Glasgow ...                                                             | 1012.6                        | 46                       | -     | 0              | omg      | 1014.0       | +1             | 41                  | 0                                   | W          | 3             | W            | c             | Trace              | 46                            | 40                       | omg   | om             | omdr     | 0.0          |                |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
| Malin Head ...                                                          | 1013.0                        | 45                       | NNW   | 3              | bc       | 1012.6       | 0              | 43                  | 0                                   | SSW        | 2             | SW           | c             | 2                  | -                             | 48                       | 41    | bc             | bc       | c            | 5.5            |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
| Blacksod Point ...                                                      | 1014.8                        | 50                       | -     | 0              | bc       | 1013.1       | -2             | 44                  | 0                                   | -          | 0             | -            | bc            | 1                  | -                             | 50                       | 36    | bc             | bc       | bc           | -              |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
| Roche's Point ...                                                       | 1015.3                        | 49                       | SW    | 2              | 0        | 1015.7       | 0              | 43                  | -1                                  | -          | 0             | -            | 0             | 1                  | 0.2                           | 54                       | 40    | cg             | cgpo     | o bc on      | -              |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
| Birr Castle ...                                                         | 1014.4                        | 50                       | NW    | 1              | c        | 1014.4       | 35             | -6                  | S                                   | 1          | -             | c            | -             | 0.2                | 52                            | 43                       | ch    | ch             | c        | 2.6          |                |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
| Donaghadee ...                                                          | 1013.9                        | 46                       | NNE   | 1              | CV       | 1014.7       | 0              | 41                  | +1                                  | W          | 1             | W            | cm            | 0                  | -                             | 49                       | 35    | bcu            | bcu      | bcu          | -              |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
| Liverpool (Bidston)                                                     | 1013.3                        | 45                       | NNW   | 3              | 0        | 1014.9       | 0              | 43                  | 0                                   | WNW        | 1             | -            | 0             | 1                  | -                             | 46                       | 41    | bc             | bc       | c.o.         | 0.0            |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
| Holyhead ...                                                            | 1014.1                        | 46                       | NNW   | 2              | c        | 1014.8       | 0              | 45                  | +1                                  | SSW        | 3             | -            | og            | 1                  | Trace                         | 47                       | 43    | bc             | bc       | c.og         | 0.6            |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
| Pembroke (St. Ann's Head)                                               | 1014.9                        | 47                       | NN    | 2              | bc       | 1015.6       | 0              | 45                  | 0                                   | SE         | 1             | NW           | 0             | 1                  | -                             | 51                       | 45    | bc             | bc       | bc.c.a       | 7.4            |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
| Scilly (St. Mary's)                                                     | 1015.5                        | 50                       | NNW   | 1              | b        | 1015.3       | -1             | 45                  | -1                                  | -          | 0             | -            | bc            | 2                  | -                             | 54                       | 44    | c.bc           | bc       | b.bc         | 9.4            |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
| Jersey (St. Aubin)                                                      | 1015.1                        | 50                       | NN    | 3              | b        | 1015.6       | 0              | 43                  | -4                                  | NW         | 1             | NW           | bcu           | 1                  | -                             | 53                       | 42    | bc.bc          | bc.b     | bcu          | 9.3            |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
| Portland Bill ...                                                       | 1012.5                        | 48                       | NN    | 2              | bc       | 1014.1       | 0              | 46                  | 0                                   | -          | 0             | -            | c             | 3                  | 2                             | 51                       | 42    | a.bc           | bc       | ch           | -              |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
| Dungeness ...                                                           | 1011.6                        | 46                       | N     | 3              | bc       | 1015.2       | +2             | 40                  | -4                                  | NE         | 2             | -            | b             | 2                  | -                             | 51                       | 37    | c.o.c          | c        | ch.ccb       | -              |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
| Wick ...                                                                | 1011.4                        | 43                       | SSW   | 1              | c        | 1009.1       | 0              | 44                  | +1                                  | WSW        | 2             | -            | c             | 2                  | -                             | 45                       | 39    | om             | om.c     | com.c        | -              |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
| Nairn ...                                                               | 1011.7                        | 46                       | -     | 0              | c        | 1010.7       | 0              | 42                  | -2                                  | -          | 0             | -            | cg            | 1                  | 1                             | 47                       | 41    | op.c           | cg.v     | chg          | 0.5            |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
| Leith ...                                                               | 1011.7                        | 45                       | NE    | 1              | 0        | 1012.7       | 0              | 43                  | +1                                  | N          | 1             | -            | om            | 1                  | 0.3                           | 47                       | 42    | od.o           | om.c.o   | om.o         | -              |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
| Tynemouth ...                                                           | 1012.2                        | 44                       | NNE   | 1              | om       | 1013.0       | 0              | 43                  | +2                                  | WNW        | 1             | -            | of            | 1                  | 1                             | 46                       | 41    | om             | om       | om.s         | -              |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
| Spurn Head ...                                                          | 1012.3                        | 44                       | N     | 3              | bc       | 1013.9       | 0              | 43                  | 0                                   | SSE        | 2             | -            | 0             | 3                  | -                             | 48                       | 39    | og             | bc       | o            | -              |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
| Yarmouth (Gorleston)                                                    | 1011.2                        | 45                       | N     | 4              | 0        | 1014.5       | +2             | 40                  | -3                                  | NW         | 1             | -            | bm            | 1                  | 1                             | 47                       | 39    | om.d           | om.d.om  | bm           | 0.5            |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
| Clacton-on-Sea ...                                                      | 1011.8                        | 46                       | NNW   | 3              | bc       | 1015.7       | +3             | 38                  | -5                                  | WNW        | 1             | -            | of            | 1                  | 4                             | 50                       | 36    | ogpr           | ogp.bc   | bc.of        | 1.2            |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |
| Nottingham ...                                                          | 1013.0                        | 46                       | E     | 2              | 0        | 1015.3       | -              | 42                  | -1                                  | WSW        | 1             | -            | s             | 1                  | -                             | 50                       | 39    | cm             | o.c      | o.cb         | 0.0            |                     |                                     |            |               |              |   |                        |  |  |  |  |  |  |  |  |  |

\* Information for these columns not usually received.

† The barometric change is expressed in millibars.

‡ For code see page 2.



# SUMMARY OF CONDITIONS AT 7 A.M. GMT. Tuesday 6th April, 1920.

| Districts.                | Wind Velocity in m.p.h. | Temperature. | Weather, Cloud and Precipitation. | Visibility. | Sea.      |
|---------------------------|-------------------------|--------------|-----------------------------------|-------------|-----------|
| 1. S.E. England           | Var 0-2                 | R. Cold      | Fine to dull, foggy.              | V. Bad.     | Smooth    |
| 2. E. England             | SW-NW 0-5               | Mod.         | Fine to dull, some mist           | "           | V. Smooth |
| 3. E. Midlands            | S.W.-W 0-2              | "            | Cloudy to dull, local fog         | Bad.        | "         |
| 4. W. Midlands            | W-NW 0-2                | "            | Dull; local mist.                 | "           | "         |
| 5. S.W. England           | Calm.                   | "            | Fine to cloudy, local mist        | Poor        | Smooth    |
| 6. South Wales            | Var 0-2                 | "            | Dull.                             | "           | V. Smooth |
| 7. North Wales            | SW-NW 2-10              | "            | Dull.                             | "           | "         |
| 8. N.W. England           | W-NW 2-5                | "            | Dull.                             | Indif.      | "         |
| 9. N. Midlands            | W 0-2                   | "            | Cloudy to dull, some mist         | "           | "         |
| 10. N.E. England          | W 2-5                   | "            | ditto or fog.                     | "           | Smooth    |
| 11. E. Scotland           | W 0-5                   | "            | Cloudy to dull, local mist        | Poor        | V. Smooth |
| 12. S.W. Scotland         | W 5-10                  | "            | Cloudy to dull.                   | Fair        | "         |
| 13. Isle of Man           | W 0-2                   | "            | Dull.                             | Indif.      | "         |
| 14. N. & N.W. Scotland    | SW-W 2-5                | "            | Fair to cloudy.                   | Fair.       | "         |
| 15. Hebrides              | SW 2                    | "            | Fair                              | "           | "         |
| 16. Orkneys and Shetlands | SW-W 5-10               | R. Mild      | Fair, some mist.                  | Indif.      | Smooth    |
| 17. N.W. Ireland          | SW-W 0-5                | Mod.         | Fair to cloudy.                   | Fair.       | V. Smooth |
| 18. N.E. Ireland          | S-W 2-5                 | "            | Cloudy, local mist.               | Indif.      | "         |
| 19. S.E. Ireland          | S-SW 0-2                | R. Cold      | Cloudy.                           | Fair        | "         |
| 20. S.W. Ireland          | SE-S 0-10               | Mod.         | Dull.                             | Good        | Smooth    |

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

A wedge of high pressure over the British Isles is moving in an Easterly direction. South to South-west winds with unsettled weather will spread across the country from west. The outlook beyond Wednesday rather favours an unsettled type of weather with wind between South and West.

**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 m.p.h. by figures in small circles.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS.**—  
 ☉ clear sky. ☁ sky + cloud. ☂ sky + cloud. ☃ sky + cloud.  
 ☄ overcast sky. ☂ rain falling. \* snow. \* hail. ☂ fog. ☂ thunder. ☂ thunderstorm.  
**SEA DISTURBANCE.**—  
 Long High Low

| Districts.                | Forecasts for the 24 hours commencing 3 p.m. 15h. GMT. Tuesday 6th April, 1920.                                                                                 | Farther Outlook.                                                      |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| 1. S.E. England           | Light Easterly winds backing to South-West or South, mainly fair to-day, less fair to-morrow. Local mist or fog to-day. Moderate temperature to rather mild.    |                                                                       |
| 2. E. England             |                                                                                                                                                                 |                                                                       |
| 3. E. Midlands            |                                                                                                                                                                 |                                                                       |
| 4. W. Midlands            | Light or moderate South to South-West winds freshening later. Cloudy to dull, rain at times later. Visibility indifferent. Moderate temperature or rather mild. | Winds between South and West with unsettled conditions seem probable. |
| 5. S.W. England           |                                                                                                                                                                 |                                                                       |
| 6. South Wales            |                                                                                                                                                                 |                                                                       |
| 7. North Wales            |                                                                                                                                                                 |                                                                       |
| 8. N.W. England           |                                                                                                                                                                 |                                                                       |
| 9. N. Midlands            | Light Westerly winds becoming South-Westerly and freshening. Cloudy to dull, some showers. Visibility indifferent. Moderate temperature.                        |                                                                       |
| 10. N.E. England          |                                                                                                                                                                 |                                                                       |
| 11. E. Scotland           |                                                                                                                                                                 |                                                                       |
| 12. S.W. Scotland         | Same as 4 to 9.                                                                                                                                                 |                                                                       |
| 13. Isle of Man           |                                                                                                                                                                 |                                                                       |
| 14. N. & N.W. Scotland    | Light or moderate winds between South-West and North-West freshening. Mainly dull, some showers. Moderate temperature or rather cold.                           |                                                                       |
| 15. Hebrides              |                                                                                                                                                                 |                                                                       |
| 16. Orkneys and Shetlands | Light or moderate South to South-West winds freshening. Cloudy to dull, rain at times later. Visibility indifferent. Moderate temperature or rather mild.       |                                                                       |
| 17. N.W. Ireland          |                                                                                                                                                                 |                                                                       |
| 18. N.E. Ireland          |                                                                                                                                                                 |                                                                       |
| 19. S.E. Ireland          | Light or moderate South-East - South-West winds freshening. Mainly dull, rain at times later. Visibility indifferent. Moderate temperature or rather mild.      |                                                                       |
| 20. S.W. Ireland          |                                                                                                                                                                 |                                                                       |

NOTE.

one h

TELEGRAM

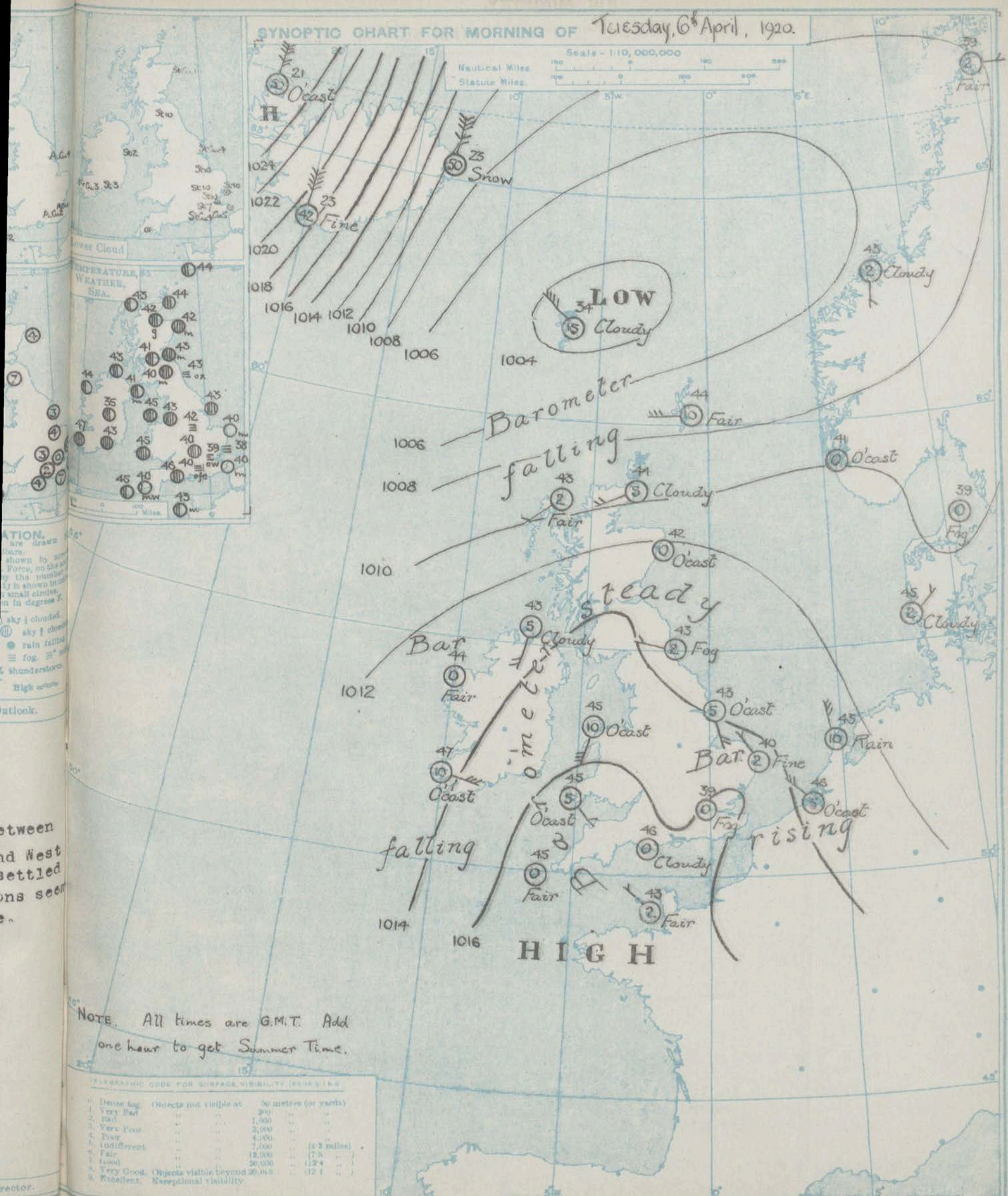
1. Dense  
2. Very  
3. Very  
4. Poor  
5. Indif  
6. Fair  
7. Good  
8. Very  
9. Excellent



# SYNOPTIC CHART FOR MORNING OF Tuesday, 6<sup>th</sup> April, 1920.

Scale - 1:10,000,000

Nautical Miles  
Statute Miles.



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

## TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PART 1)

|                | Objects not visible at        | 50 metres (or yards) |
|----------------|-------------------------------|----------------------|
| 1. Dense fog   | 300                           | "                    |
| 2. Very bad    | 1,000                         | "                    |
| 3. Bad         | 2,000                         | "                    |
| 4. Very Poor   | 4,000                         | "                    |
| 5. Poor        | 7,000                         | " (4.3 miles)        |
| 6. Indifferent | 12,000                        | " (7.5 "             |
| 7. Fair        | 20,000                        | " (12.4 "            |
| 8. Good        | 30,000                        | " (18.6 "            |
| 9. Very Good   | Objects visible beyond 30,000 | "                    |
| 0. Excellent   | Exceptional visibility        | "                    |



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 197

Tuesday  
6th April.

| WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR |                            |           |            |              |          |                |              |           |                    |               |                    |           |            |              |          |                |              |           |                    |
|-------------------------------------------------------------------|----------------------------|-----------|------------|--------------|----------|----------------|--------------|-----------|--------------------|---------------|--------------------|-----------|------------|--------------|----------|----------------|--------------|-----------|--------------------|
| STATIONS.                                                         |                            | WEATHER.  |            | TEMPERATURE. |          | Rainfall.      |              | SUNSHINE. |                    | STATIONS.     |                    | WEATHER.  |            | TEMPERATURE. |          | Rainfall.      |              | SUNSHINE. |                    |
|                                                                   |                            | Forenoon. | Afternoon. | Max. °F.     | Min. °F. | Night. 17h-9h. | Day. 9h-17h. | to 17h.   | Sunrise to Sunset. |               |                    | Forenoon. | Afternoon. | Max. °F.     | Min. °F. | Night. 17h-9h. | Day. 9h-17h. | to 17h.   | Sunrise to Sunset. |
| Scotland.                                                         | Oban ...                   | -         | o          | 46           | 41       | -              | -            | 0.0       | ?                  | England, N.W. | Douglas (I.O.M.)   | -         | -          | -            | -        | -              | -            | -         | -                  |
|                                                                   | Banff ...                  | o         | c          | 45           | 41       | 1              | -            | 0.2       | 0.0                |               | Blackpool ...      | -         | -          | -            | -        | -              | -            | -         | -                  |
|                                                                   | Montrose ...               | o         | o          | 48           | 40       | 1              | -            | 1.0       | ?                  |               | Southport ...      | o.c.o.c   | c.b.c.o    | 48           | 43       | 1              | -            | 2.0       | 0.2                |
|                                                                   | St. Andrews ...            | o         | c          | 48           | 44       | -              | -            | 0.0       | ?                  |               |                    |           |            |              |          |                |              |           |                    |
| England, N.E.                                                     | Harrogate ...              | o         | o.c.o      | 47           | 39       | 0.3            | -            | 0.2       | 0.1                | Midlands.     | Buxton ...         | -         | -          | 51           | 42       | 3              | 0.2          | 1.6       | 0.0                |
|                                                                   | Scarborough ...            | o         | c.o        | 48           | 40       | 1              | -            | 0.0       | ?                  |               | Leamington Spa ... | o.c       | c          | 50           | 41       | 0.2            | 4            | 0.3       | ?                  |
|                                                                   | Skegness ...               | -         | -          | -            | -        | -              | -            | -         | -                  |               | Malvern ...        | o.c       | c          | 50           | 41       | 0.2            | 4            | 0.3       | ?                  |
|                                                                   |                            |           |            |              |          |                |              |           |                    |               | Ross-on-Wye ...    | o.c       | c.b.c.o.   | 54           | 40       | 0.3            | 0.1          | 1.6       | 0.0                |
| England, E.                                                       | Lowestoft ...              | op        | o.c.o      | 46           | 41       | 5              | 1            | 0.0       | 0.2                | Wales.        | Bath ...           | o.c       | o.c.p      | 54           | 39       | -              | 0.3          | 1.8       | ?                  |
|                                                                   | Felixstowe ...             | op        | b.c.p      | 43           | 43       | 4              | 2            | 1.5       | 0.2                |               | Rhyl ...           | c         | b.c        | 48           | 43       | -              | -            | 3.5       | 0.2                |
|                                                                   | Southend-on-Sea...         | op        | c.p.c      | 53           | 42       | 2              | 2            | 2.5       | 0.3                |               | Colwyn Bay ...     | *         | *          | -            | -        | -              | -            | -         | -                  |
|                                                                   |                            |           |            |              |          |                |              |           |                    |               | Llandudno ...      | ?         | ?          | 47           | 43       | -              | -            | 0.0       | ?                  |
| England, S.E.                                                     | Tunbridge Wells ...        | o         | o.b.c.o    | 51           | 41       | 1              | -            | 1.8       | 0.2                | England, S.W. | Aberystwyth ...    | -         | -          | -            | -        | -              | -            | -         | -                  |
|                                                                   | Margate ...                | -         | -          | -            | -        | -              | -            | -         | -                  |               | Swansea ...        | -         | -          | -            | -        | -              | -            | -         | -                  |
|                                                                   | Ramsgate ...               | -         | -          | -            | -        | -              | -            | -         | -                  |               | Weymouth ...       | -         | -          | -            | -        | -              | -            | -         | -                  |
|                                                                   | Folkestone ...             | c         | b.o        | 53           | 36       | 1              | -            | 3.5       | 0.1                |               | Teignmouth ...     | -         | -          | -            | -        | -              | -            | -         | -                  |
|                                                                   | Hastings ...               | o.c.o     | o.c.b.c    | 51           | 41       | 1              | 0.2          | 2.8       | 3.4                |               | Torquay ...        | b.c.p     | c.p.b.c    | 54           | 40       | -              | 3            | 1.7       | 2.8                |
|                                                                   | Eastbourne ...             | f.o       | o.c.b.c    | 51           | 43       | 1              | 0.3          | 2.2       | 3.6                |               | Paignton ...       | -         | -          | -            | -        | -              | -            | -         | -                  |
|                                                                   | Brighton ...               | o.c       | o.c        | 51           | 42       | 0.4            | -            | 0.8       | 0.8                |               | Penzance ...       | o.b.c     | c.b.c      | 53           | 44       | -              | -            | 5.6       | 8.1                |
|                                                                   | Worthing ...               | o.c.o     | c.p.o      | 51           | 43       | 1              | 1            | 0.3       | 1.8                |               | Newquay ...        | o.b.c     | b.c.o      | 51           | 44       | -              | -            | 4.4       | 6.4                |
|                                                                   | Littlehampton ...          | o.c       | p.o.m      | 51           | 45       | -              | 0.4          | 0.8       | 2.0                |               | Bude ...           | -         | -          | -            | -        | -              | -            | -         | -                  |
|                                                                   | Portsmouth (S. of sea) ... | -         | -          | -            | -        | -              | -            | -         | -                  |               | Ilfracombe ...     | -         | -          | -            | -        | -              | -            | -         | -                  |
|                                                                   | Bournemouth ...            | -         | -          | 54           | 40       | 1              | 1            | 2.2       | 1.2                |               | Weston-s-Mare ...  | -         | -          | -            | -        | -              | -            | -         | -                  |
|                                                                   | Ventnor (I. of W.) ...     | -         | -          | 53           | 42       | -              | 3            | 4.0       | 2.1                |               |                    |           |            |              |          |                |              |           |                    |

| 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. | Use only for surface observations.                                                                                         |                                   |                    |  |
|                              |     | 7h-13h.         | 13h-19h.    | 19h-24h.   | 24h-7h.   |               |               |                  | Day. 7h-13h. | Night. 13h-24h.    |             | Limits of Velocity at about 33 feet above ground.                                                                          |                                   |                    |  |
|                              |     |                 |             |            |           |               |               |                  | mm.          | in.                |             | No.                                                                                                                        | Statute miles per hour.           | Metres per second. |  |
| Eskdalemuir                  | ... | o.c.p.c         | c.o.p.o     | o.c.m.     | om.       | 47            | 38            | 32               | 1            | -                  | 0.4         | 0                                                                                                                          | Less than 1                       | Less than 0.8      |  |
| Valencia (Cahirciveen)       | ... | bz              | b.c.c       | c.b.       | bc.c.o.   | 52            | 35            | 39               | -            | -                  | 11.0        | 1                                                                                                                          | 1-3                               | 0.3-1.5            |  |
| Baldonnell                   | ... | c.o.j           | c.o.j       | c.o.z.     | bc.c.z.   | 48            | ?             | =                | =            | =                  | =           | 2                                                                                                                          | 4-7                               | 1.6-3.8            |  |
| Didsbury                     | ... |                 |             |            |           |               |               | *                |              |                    |             | 3                                                                                                                          | 8-12                              | 5.4-5.4            |  |
| Falmouth                     | ... | o.c             | bc.b        | bm.b.      | bw.       | 55            | 36            | 30               | -            | -                  | 6.1         | 4                                                                                                                          | 13-18                             | 5.8-7.9            |  |
| Calshot (Hants)              | ... | om              | b.o.c       | p.c.a      | om.c.o.z. | 52            | 41            | 36               | -            | 2                  | 1.0         | 5                                                                                                                          | 19-24                             | 8.0-10.7           |  |
| Lympne (Folkestone)          | ... | op              | o.c.b.p.p.p | o.c.b.c.f. |           | 50            | 36            | 31               | 0.1          | 0.4                | 3.0         | 6                                                                                                                          | 25-31                             | 10.8-13.8          |  |
| Aberdeen                     | ... | c.o.p.c         | c.o.g.f     | o.p.g.c.f  |           | 47            | 41            | 34               | 1            | 0.1                | 0.5         | 7                                                                                                                          | 32-38                             | 12.9-17.1          |  |
| Howden                       | ... | o               | f.a.c       | o          | z. om.    | 48            | 41            | *                | *            | *                  | *           | 8                                                                                                                          | 39-45                             | 17.2-20.7          |  |
| Cranwell (Lincs)             | ... | om.p.c          | p.o.r       | o.c.o.     | c.o.z.    | 47            | 38            | *                | Trace        | -                  | 0.8         | 9                                                                                                                          | 47-51                             | 20.8-24.4          |  |
| Felixstowe                   | ... | *               | p.b.c       | o.f        |           | 49            | 36            | *                | *            | *                  | *           | 10                                                                                                                         | 55-63                             | 24.5-28.4          |  |
| Shoeburyness                 | ... | o.c.d.b.c.p.c.c | bc.b.m.     |            |           | 52            | 32            | 28               | 1            | Trace              | 1.5         | 11                                                                                                                         | 64-75                             | 28.5-33.5          |  |
| Benson                       | ... | o.c             | o.c.b.c     | c. om.     |           | 48            | 38            | 32               | 1            | 0.1                | *           | 12                                                                                                                         | Above 75                          | 33.5 or above      |  |
| S. Farnborough               | ... | o.c.o           | o.c.b.c     | c. ob. ofe |           | 50            | 36            | 28               | 1            | -                  | 0.4         | SYMBOLS—<br>Aurora ☄ Solar halo ☉<br>None ☊ Lunar halo ☌<br>Glazed frost ☎ Solar corona ☉<br>Glazed roads ☌ Lunar corona ☌ |                                   |                    |  |
| London (Kew Obs.)            | ... | o.c.o.g.f       | o.c.b.c     | om. of w.  |           | 51            | 37            | 27               | 0.2          | -                  | 2.1         |                                                                                                                            |                                   |                    |  |
| Croydon                      | ... | p.b.m           | om          | o.f        | f         | -             | -             | *                | *            | *                  | *           |                                                                                                                            |                                   |                    |  |

| LONDON OBSERVATIONS.           |         |            |         |        |                       |                       |                           |                      |                                       | SOUTH KENSINGTON<br>(Meteorological Office). |                |                                                                                           | TABLE SHOWING THE GREENWICH TIMES OF<br>SUNRISE, NOON, AND SUNSET FOR STATIONS<br>IN THE UNITED KINGDOM. |  |  |                      |  |  |  |
|--------------------------------|---------|------------|---------|--------|-----------------------|-----------------------|---------------------------|----------------------|---------------------------------------|----------------------------------------------|----------------|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--|--|----------------------|--|--|--|
| MORNING.                       |         | AFTERNOON. |         | NIGHT. | Max.<br>Temp.<br>° F. | Min.<br>Temp.<br>° F. | Min. on<br>grass.<br>° F. | Sam-<br>ple.<br>° F. | Sun-<br>shine to<br>Sunset.<br>Hours. | HUMIDITY %                                   |                | Vertical Component<br>of<br>Solar Radiation<br>per Square Centimetre<br>during yesterday. |                                                                                                          |  |  | 65 of 75 April 1920. |  |  |  |
|                                |         |            |         |        |                       |                       |                           |                      |                                       | 15 h.<br>G.M.T.                              | 9 h.<br>G.M.T. |                                                                                           |                                                                                                          |  |  |                      |  |  |  |
| 24 HOURS ENDED ON G.M.T. 6th   |         |            |         |        |                       |                       |                           |                      |                                       | YESTERDAY                                    | TO-DAY.        |                                                                                           |                                                                                                          |  |  |                      |  |  |  |
|                                |         |            |         |        |                       |                       |                           |                      |                                       |                                              |                | Total 55.5 Joules.                                                                        |                                                                                                          |  |  |                      |  |  |  |
|                                |         |            |         |        |                       |                       |                           |                      |                                       |                                              |                | Average Rate. 12.0                                                                        |                                                                                                          |  |  |                      |  |  |  |
|                                |         |            |         |        |                       |                       |                           |                      |                                       |                                              |                | Maximum Rate. 52                                                                          |                                                                                                          |  |  |                      |  |  |  |
| Greenwich (Royal Observatory)  | o. c.   | c. bcf     | bcf.    | 53     | 34                    | 30                    | -                         | 1.1                  | 71                                    | 85                                           |                |                                                                                           |                                                                                                          |  |  |                      |  |  |  |
| City (Bunhill Row) ...         | *       | *          | *       | 53     | 36                    | 28                    | *                         | 1.2                  | *                                     | *                                            |                |                                                                                           |                                                                                                          |  |  |                      |  |  |  |
| Westminster (St. James's Park) | *       | *          | *       | 53     | 36                    | 28                    | *                         | 1.1                  | 71                                    | 92                                           |                |                                                                                           |                                                                                                          |  |  |                      |  |  |  |
| .. (Admiralty Arch)            | om. oz. | bcm        | c. bcf. | 53     | 42                    | *                     | -                         | 0.9                  | 68                                    | 88                                           |                |                                                                                           |                                                                                                          |  |  |                      |  |  |  |
| Camden Sq. (British Rainfall)  | -       | -          | *       | 55     | 35                    | 29                    | -                         | *                    | -                                     | 100                                          |                |                                                                                           |                                                                                                          |  |  |                      |  |  |  |
| Kensington Palace ...          | o. c.   | o. c.      | *       | 51     | 35                    | 29                    | -                         | *                    | 76 (18h)                              | 96                                           |                |                                                                                           |                                                                                                          |  |  |                      |  |  |  |
| Hampstead Observatory ...      | *       | *          | *       | 51     | 38                    | 26                    | -                         | 1.8                  | -                                     | 73                                           |                |                                                                                           |                                                                                                          |  |  |                      |  |  |  |

### NOTES ON THE WEATHER OF YESTERDAY.

Temperatures reached or exceeding 50° in many places in England and Ireland, but failed to reach 50° in Scotland. Falmouth reported a maximum temperature of 55°. Most sunshine was experienced in Ireland and S.W. England but the amounts elsewhere were low. Valencia reported 11 hours sunshine, Scilly 9.4 hours and Penzance 8.1 hours. Rain or showers occurred in many districts. Clacton reported 4 mm of rain.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B21,321

WEDNESDAY, 7<sup>TH</sup> APRIL, 1920.DON:  
20.

TEMPERATURE

Max. Min.

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

| STATIONS.                                                                                                       | BAROM.    | 1                  | WIND. |             | TEMP.    | Humidity.  | Visibility.          | Height of Low Cloud. | Low Cloud.          |             | Upper Cloud. |                        | Sea.     | BAROM. | 1            | 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. |          |            |                      |                      | Form.               | Am't. 0-10. | Form.        | Am't. 0-10.            |          | 0-9.   | at M.S.L.    | Change in 3 hours. | Dir.     |          |            |             |                      | Force 0-12. | Form. | Am't. 0-10.  | 0-9. |      |   |
|                                                                                                                 | mb.       |                    |       |             |          |            |                      |                      |                     |             |              |                        |          |        |              |                    |          |          |            |             |                      |             |       |              |      |      |   |
| 13H. G.M.T. OF 6 <sup>TH</sup> .....18H. G.M.T. OF 6 <sup>TH</sup> .....                                        |           |                    |       |             |          |            |                      |                      |                     |             |              |                        |          |        |              |                    |          |          |            |             |                      |             |       |              |      |      |   |
| Eskdalemuir ...                                                                                                 | 1013.5    | 0                  | SW    | 5           | C        | 43         | 75                   | 4                    | 3-4000              | Sc          | 9            | -                      | -        | 1012.3 | -2           | SSW                | 3        | 0        | 43         | 87          | 7                    | -           | Sc    | 9            | ASc  | 2    | * |
| Valencia (Cahire'n)                                                                                             | 1011.3    | -3                 | SSW   | 6           | or       | 49         | 82                   | 6                    | 1-1500              | Sc          | 10           | -                      | -        | 1007.7 | -4           | S                  | 5        | or       | 50         | 98          | 5                    | 1-1000      | Sc    | 10           | -    | -    | 4 |
| Baldonnell ...                                                                                                  | 1014.0    | -1                 | SW    | 3           | 0        | 53         | 87                   | 6                    | 2-3000              | Sc          | 3            | ASc                    | 7        | 1012.5 | 0            | SW                 | 4        | 0        | 49         | 92          | 6                    | 2-3000      | FCu   | 3            | ASc  | 7    | * |
| Didsbury ...                                                                                                    | 1016.9    | 0                  | SE    | 2           | bc       | 52         | 75                   | 7                    | -                   | CuN         | 2            | CSc                    | 3        | 1016.8 | 0            | SSW                | 2        | 0        | 48         | 87          | 8                    | -           | Sc    | 9            | -    | -    | * |
| Falmouth ...                                                                                                    | 1016.7    | +1                 | S     | 1           | C        | 52         | 75                   | 7                    | 1-1500              | CuN         | 7            | -                      | -        | 1016.7 | 0            | SW                 | 1        | b        | 49         | 82          | 6                    | 3-4000      | Sc    | 1            | ASc  | 1    | 1 |
| Calshot (Hants) ...                                                                                             | 1015.2    | 12                 | SSW   | 4           | bz       | 49         | 78                   | 6                    | 2-3000              | Cu          | 2            | -                      | -        | 1015.2 | 0            | SSW                | 3        | bz       | 47         | 75          | 6                    | -           | -     | -            | ACu  | 2    | * |
| Lympne (Folkestone)                                                                                             | 1015.2    | 12                 | SSW   | 4           | bz       | 49         | 78                   | 6                    | 2-3000              | Cu          | 2            | -                      | -        | 1015.2 | 0            | SSW                | 3        | bz       | 47         | 75          | 6                    | -           | -     | -            | ACu  | 2    | * |
| Aberdeen ...                                                                                                    | 1010.8    | -1                 | S     | 2           | CZ       | 51         | 58                   | 6                    | -                   | Nb          | 7            | -                      | -        | 1009.1 | -1           | SW                 | 3        | bz       | 49         | 65          | 6                    | -           | Sc    | 8            | -    | -    | 2 |
| Howden ...                                                                                                      | 1013.9    | 0                  | WSW   | 2           | OZ       | 49         | 65                   | 5                    | 3-4000              | Sc          | 10           | -                      | -        | 1013.9 | -1           | SSW                | 1        | or       | 47         | 87          | 3                    | 3-3000      | Sc    | 10           | -    | -    | * |
| Cranwell (Lines)                                                                                                | 1015.7    | +1                 | WNW   | 3           | om       | 49         | 75                   | 5                    | 3-4000              | Sc          | 9            | ASc                    | 2        | 1016.5 | 0            | S                  | 2        | om       | 48         | 87          | 4                    | 1-1500      | Sc    | 10           | -    | -    | * |
| Felixstowe ...                                                                                                  | 1016.9    | 0                  | S     | 2           | b        | 49         | 75                   | 4                    | 5-7000              | Sc          | 3            | -                      | -        | 1016.5 | 0            | S                  | 2        | om       | 48         | 87          | 4                    | 1-1500      | Sc    | 10           | -    | -    | * |
| Shoeburyness...                                                                                                 | 1016.4    | +2                 | SE    | 2           | bz       | 51         | 65                   | 6                    | -                   | -           | ACu          | 4                      | -        | 1016.5 | 0            | W                  | 1        | OZ       | 50         | 65          | 6                    | 5-7000      | Sc    | 10           | -    | -    | * |
| Benson ...                                                                                                      | 1015.4    | -1                 | -     | 0           | 0        | 52         | 65                   | 5                    | -                   | Sc          | 10           | -                      | -        | 1015.1 | 0            | NNE                | 1        | 0        | 50         | 75          | 5                    | -           | Sc    | 10           | -    | -    | * |
| S. Farnborough                                                                                                  | 1016.0    | 0                  | SW    | 2           | om       | 52         | 65                   | 6                    | 1-1500              | Sc          | 7            | ACu                    | 2        | 1016.3 | 0            | SSW                | 1        | om       | 48         | 82          | 5                    | 1-1500      | Sc    | 10           | -    | -    | * |
| London (Kew Obs.)                                                                                               | 1016.4    | 0                  | SSW   | 2           | om       | 52         | 65                   | 4                    | 2-3000              | Sc          | 8            | ACu                    | 2        | 1016.2 | 0            | S                  | 2        | om       | 49         | 82          | 4                    | 2-3000      | Sc    | 10           | -    | -    | * |
| Croydon ...                                                                                                     | 1016.4    | +1                 | WSW   | 1           | om       | 51         | 65                   | 5                    | 1-2000              | Sc          | 5            | ASc                    | 5        | 1016.2 | -1           | SSW                | 2        | om       | 49         | 75          | 5                    | 2-3000      | Sc    | 5            | ASc  | 5    | * |
| 1H. G.M.T. OF 7 <sup>TH</sup> .....7H. G.M.T. OF 7 <sup>TH</sup> .....                                          |           |                    |       |             |          |            |                      |                      |                     |             |              |                        |          |        |              |                    |          |          |            |             |                      |             |       |              |      |      |   |
| Eskdalemuir ...                                                                                                 | 1008.4    | -5                 | SSW   | 5           | om       | 42         | 92                   | 6                    | -                   | Sc          | 10           | -                      | -        | 1008.7 | -8           | SSW                | 6        | or       | 42         | 98          | 3                    | 1-2000      | Nb    | 10           | -    | -    | * |
| Valencia (Cahire'n)                                                                                             | 1007.7    | 0                  | W     | 3           | C        | 48         | -                    | -                    | -                   | -           | -            | -                      | 3        | 1008.2 | 0            | W                  | 1        | C        | 45         | 87          | 8                    | 2-3000      | Sc    | 7            | Cl   | 1    | 3 |
| Baldonnell ...                                                                                                  | 1008.5    | -4                 | SW    | 4           | or       | 42         | 98                   | 3                    | 1-2000              | Nb          | 10           | -                      | -        | 1004.2 | +4           | SSW                | 5        | og       | 46         | 92          | 6                    | 1-1500      | St    | 10           | -    | -    | * |
| Didsbury ...                                                                                                    | 1014.2    | -4                 | SSW   | 2           | 0        | 47         | 87                   | 6                    | -                   | Sc          | 10           | -                      | -        | 1011.3 | -3           | SSW                | 3        | om       | 48         | 92          | 4                    | -           | St    | 10           | -    | -    | * |
| Falmouth ...                                                                                                    | 1015.7    | -2                 | S     | 3           | 0        | 46         | 92                   | 8                    | -                   | -           | ASc          | 10                     | 2        | 1012.4 | -4           | S                  | 3        | 0        | 49         | 87          | 7                    | 5-7000      | Sc    | 3            | ASc  | 6    | 2 |
| Calshot (Hants) ...                                                                                             | 1015.7    | -2                 | S     | 3           | 0        | 46         | 92                   | 8                    | -                   | -           | ASc          | 10                     | 2        | 1013.9 | -2           | SSW                | 3        | ow       | 44         | 92          | 6                    | -           | -     | ASc          | 10   | *    |   |
| Lympne (Folkestone)                                                                                             | 1015.7    | -2                 | S     | 3           | 0        | 46         | 92                   | 8                    | -                   | -           | ASc          | 10                     | 2        | 1013.9 | -2           | SSW                | 3        | ow       | 44         | 92          | 6                    | -           | -     | ASc          | 10   | *    |   |
| Aberdeen ...                                                                                                    | 1010.8    | -1                 | S     | 2           | CZ       | 51         | 58                   | 6                    | -                   | Nb          | 7            | -                      | -        | 999.5  | -5           | S                  | 3        | od       | 42         | 92          | 6                    | -           | Nb    | 10           | -    | -    | 2 |
| Howden ...                                                                                                      | 1013.9    | 0                  | WSW   | 2           | OZ       | 49         | 65                   | 5                    | 3-4000              | Sc          | 10           | -                      | -        | 1007.7 | -4           | S                  | 4        | or       | 42         | 98          | 3                    | 1-2000      | Nb    | 10           | -    | -    | * |
| Cranwell (Lines)                                                                                                | 1015.7    | +1                 | WNW   | 3           | om       | 49         | 75                   | 5                    | 3-4000              | Sc          | 9            | ASc                    | 2        | 1014.1 | -1           | W                  | 4        | or       | 44         | 82          | 5                    | 2-3000      | St    | 6            | ASc  | 4    | * |
| Felixstowe ...                                                                                                  | 1016.9    | 0                  | S     | 2           | b        | 49         | 75                   | 4                    | 5-7000              | Sc          | 3            | -                      | -        | 1013.3 | -2           | SSW                | 2        | C        | 45         | 82          | 7                    | 4-5000      | Pro   | 1            | ASc  | 6    | * |
| Shoeburyness...                                                                                                 | 1016.4    | +2                 | SE    | 2           | bz       | 51         | 65                   | 6                    | -                   | -           | ACu          | 4                      | -        | 1010.8 | -4           | S                  | 3        | 0        | 45         | 87          | 5                    | -           | Sc    | 10           | -    | -    | * |
| Benson ...                                                                                                      | 1015.4    | -1                 | -     | 0           | 0        | 52         | 65                   | 5                    | -                   | Sc          | 10           | -                      | -        | 1012.1 | -3           | SSW                | 3        | om       | 45         | 92          | 8                    | 1-1500      | Sc    | 5            | ASc  | 4    | * |
| S. Farnborough                                                                                                  | 1016.0    | 0                  | SW    | 2           | om       | 52         | 65                   | 6                    | 1-1500              | Sc          | 7            | ACu                    | 2        | 1012.2 | -2           | S                  | 2        | om       | 45         | 87          | 5                    | -           | Sc    | 1            | ASc  | 9    | * |
| London (Kew Obs.)                                                                                               | 1016.4    | 0                  | SSW   | 2           | om       | 52         | 65                   | 4                    | 2-3000              | Sc          | 8            | ACu                    | 2        | 1012.5 | -2           | SSW                | 2        | of       | 44         | 92          | 4                    | -           | -     | -            | ASc  | 10   | * |
| Croydon ...                                                                                                     | 1016.4    | +1                 | WSW   | 1           | om       | 51         | 65                   | 5                    | 1-2000              | Sc          | 5            | ASc                    | 5        | 1012.5 | -2           | SSW                | 2        | of       | 44         | 92          | 4                    | -           | -     | -            | ASc  | 10   | * |
| STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.                                                                   |           |                    |       |             |          |            |                      |                      |                     |             |              |                        |          |        |              |                    |          |          |            |             |                      |             |       |              |      |      |   |
| STATIONS.                                                                                                       | BAROM.    | TEMP.              | WIND. |             | WEATHER. | BAROMETER. |                      | TEMPERATURE.         |                     | WIND.       |              | DIREC. OF UPPER CLOUD. | WEATHER. | SEA.   | RAINFALL mm. | TEMP.              |          | WEATHER. |            |             | SUNSHINE Hours.      |             |       |              |      |      |   |
|                                                                                                                 | at M.S.L. | °F.                | Dir.  | Force 0-12. |          | at M.S.L.  | 1 Change in 3 hours. | Temp. °F.            | Change in 24 hours. | Dir.        | Force 0-12.  |                        |          |        |              | Max. °F.           | Min. °F. | Morning. | Afternoon. | Night.      |                      |             |       |              |      |      |   |
|                                                                                                                 | mb.       |                    |       |             |          | mb.        |                      |                      |                     |             |              |                        |          |        |              |                    |          |          |            |             |                      |             |       |              |      |      |   |
| 12H. G.M.T. OF 6 <sup>TH</sup> .....7H. G.M.T. OF 7 <sup>TH</sup> .....24 HOURS ENDED 7H. 7 <sup>TH</sup> ..... |           |                    |       |             |          |            |                      |                      |                     |             |              |                        |          |        |              |                    |          |          |            |             |                      |             |       |              |      |      |   |
| Lerwick ...                                                                                                     | 1005.4    | -1                 | -     | 0           | C        | 99.1       | -5                   | 36                   | -8                  | NE          | 3            | -                      | om       | 2      | 10           | 45                 | 33       | om       | om         | om          | *                    |             |       |              |      |      |   |
| Stornoway ...                                                                                                   | 1005.8    | -4.5               | WSW   | 3           | of       | 99.6       | -1                   | 36                   | -7                  | NW          | 2            | -                      | om       | 1      | 7            | 49                 | 35       | bc       | of         | of          | 3-4                  |             |       |              |      |      |   |
| Castlebay (Harris)                                                                                              | 1011.2    | 4.6                | WSW   | 2           | CZ       | 99.2       | -6                   | 45                   | -4                  | S           | 3            | -                      | 0        | 1      | 47           | 40                 | C        | om       | om         | om          | 0.3                  |             |       |              |      |      |   |
| Glasgow ...                                                                                                     | 1009.1    | 4.6                | NNW   | 2           | C        | 100.5      | -2                   | 41                   | -2                  | NW          | 4            | NW                     | om       | 4      | 2            | 54                 | 40       | bc       | om         | om          | 6.8                  |             |       |              |      |      |   |
| Malin Head ...                                                                                                  | 1007.7    | 4.6                | -     | 0           | or       | 100.5      | +4                   | 42                   | -2                  | NNW         | 2            | -                      | cd       | 2      | 4            | 51                 | 38       | bc       | om         | om          | *                    |             |       |              |      |      |   |
| Blacksod Point                                                                                                  | 1012.2    | 4.8                | S     | 4           | odm      | 100.6      | 0                    | 45                   | +2                  | W           | 3            | W                      | 0        | 4      | 10           | 51                 | 43       | 0        | odm        | om          | *                    |             |       |              |      |      |   |
| Roche's Point...                                                                                                | 1011.1    | 4.5                | S     | 1           | f        | 100.3      | -                    | 46                   | +1                  | W           | 2            | -                      | C        | 1      | 5            | 53                 | 35       | C        | or         | of          | 0.0                  |             |       |              |      |      |   |
| Birr Castle ...                                                                                                 | 1012.4    | 4.9                | SW    | 2           | om       | 100.6      | -4                   | 45                   | +4                  | W           | 2            | -                      | om       | 3      | 7            | 52                 | 40       | bc       | om         | om          | *                    |             |       |              |      |      |   |
| Donaghadee ...                                                                                                  | 1013.9    | 4.9                | W     | 2           | 0        | 100.8      | -4                   | 44                   | +1                  | S           | 4            | S                      | 0        | 3      | 4            | 51                 | 43       | 0        | C          | or          | 0.0                  |             |       |              |      |      |   |
| Liverpool (Biston)                                                                                              | 1013.5    | 4.7                | SSW   | 4           | of       | 100.7      | -5                   | 47                   | +2                  | SW          | 6            | W                      | chgg     | 5      | 4            | 49                 | 44       | C        | of         | om          | 0.3                  |             |       |              |      |      |   |
| Holyhead ...                                                                                                    | 1015.8    | 4.7                | S     | 2           | C        | 100.4      | -3                   | 47                   | +2                  | SSW         | 5            | -                      | od       | 4      | 2            | 50                 | 45       | 0        | bc         | om          | 3.2                  |             |       |              |      |      |   |
| Pembroke (St. Ann's Head)                                                                                       | 1016.2    | 4.9                | S     | 2           | C        | 101.0      | -3                   | 49                   | +4                  | S           | 2            | S                      | om       | 3      | 1            | 54                 | 48       | bc       | om         | om          | 3.9                  |             |       |              |      |      |   |
| Scilly (St. Mary's)                                                                                             | 1017.2    | 5.2                | S     | 2           | b        | 101.4      | -1                   | 48                   | +5                  | S           | 2            | S                      | b        | 2      | -            | 56                 | 43       | bc       | om         | om          | 10.8                 |             |       |              |      |      |   |
| Jersey (St. Aubin)                                                                                              | 1018.3    | 4.8                | NW    | 3           | bc       | 101.3      | -4                   | 49                   | +3                  | SSW         | 4            | SW                     | C        | 4      | -            | 53                 | 43       | C        | bc         | bc          | *                    |             |       |              |      |      |   |
| Portland Bill ...                                                                                               | 1016.5    | 4.9                | SW    | 2           | b        | 101.8      | -2                   | 47                   | +7                  | SW          | 3            | SW                     | C        | 3      | -            | 52                 | 38       | b        | b          | bc          | *                    |             |       |              |      |      |   |
| Dungeness ...                                                                                                   | 1006.6    | 4.7                | WSW   | 2           | 0        | 99.9       | -5                   | 40                   | -4                  | NW          | 5            | -                      | om       | 2      | 1            | 51                 | 39       | om       | om         | om          | *                    |             |       |              |      |      |   |
| Wick ...                                                                                                        | 1007.6    | 4.7                | WSW   | 3           | bc       | 99.3       | -                    | 42                   | 0                   | WSW         | 1            | -                      | fcg      | 1      | 0.3          | 53                 | 41       | C        | bc         | bc          | 5.7                  |             |       |              |      |      |   |
| Nairn ...                                                                                                       | 1010.7    | 4.8                | W     | 1           | C        | 99.8       | -4                   | 46                   | +3                  | SW          | 2            | SW                     | C        | 2      | -            | 51                 | 43       | om       | C          | C           | *                    |             |       |              |      |      |   |
| Leith ...                                                                                                       | 1012.6    | 4.9                | W     | 1           | om       | 100.2      | -4                   | 44                   | +1                  | SW          | 3            | -                      | om       | 2      | 1            | 51                 | 43       | C        | om         | om          | *                    |             |       |              |      |      |   |
| Tynemouth ...                                                                                                   | 1014.0    | 4.8                | SSW   | 3           | ogm      | 100.6      | -4                   | 44                   | +1                  | SSW         | 4            | -                      | ogm      | 4      | 4            | 49                 | 42       | om       | om         | om          | *                    |             |       |              |      |      |   |
| Spurn Head ...                                                                                                  | 1015.9    | 4.7                | SW    | 3           | 0        | 101.2      | -2                   | 42                   | +2                  | WSW         | 3            | -                      | bc       | 2      | -            | 50                 | 40       | bc       | om         | om          | 7.2                  |             |       |              |      |      |   |
| Yarmouth (Gorleston)                                                                                            | 1015.9    | 4.9                | S     | 3           | 0        | 101.0      | -1                   | 45                   | +7                  | SW          | 3            | -                      | 0        | 2      | -            | 49                 | 38       | f        | bc         | bc          | 2.3                  |             |       |              |      |      |   |
| Clacton-on-Sea                                                                                                  | 1015.1    | 4.9                | SW    | 1           | C        | 100.2      | -                    | 44                   | +2                  | SW          | 3            | SW                     | om       | 2      | 1            | 51                 | 40       | om       | om         | C           | 0.4                  |             |       |              |      |      |   |
| Nottingham ...                                                                                                  |           |                    |       |             |          |            |                      |                      |                     |             |              |                        |          |        |              |                    |          |          |            |             |                      |             |       |              |      |      |   |



# SUMMARY OF CONDITIONS AT 7 A.M. GMT. Wednesday, 7th April, 1920.

| Districts.                | Wind Velocity in m.p.h. | Temperature. | Weather, Cloud and Precipitation.    | Visibility. | Sea.     |
|---------------------------|-------------------------|--------------|--------------------------------------|-------------|----------|
| 1. S.E. England           | S-SW 5-10               | Mod.         | Cloudy to dull; local (mist or fog.) | Fair        | Smooth   |
| 2. E. England             | SW-W 5-10               | "            | Fair to dull; local (mist or fog.)   | Fair        | "        |
| 3. E. Midlands            | S-SW 5-10               | "            | Dull, some rain & mist.              | Indiff.     | "        |
| 4. W. Midlands            | S-SW 5-15               | "            | Dull; some rain.                     | "           | "        |
| 5. S.W. England           | S-SW 5-15               | "            | Cloudy to dull; local (mist or fog.) | poor        | Slight   |
| 6. South Wales            | S-SW 10-20              | "            | Dull, some rain or (drizzle.)        | Indiff.     | Mod.     |
| 7. North Wales            | S-SW 15-25              | "            | Dull, some rain; (squally.)          | "           | R. Rough |
| 8. N.W. England           | S-SW 15-25              | "            | Dull, local rain.                    | "           | Mod.     |
| 9. N. Midlands            | S-SW 10-15              | "            | Dull, local rain & mist.             | "           | "        |
| 10. N.E. England          | S-SW 10-15              | "            | Dull, some mist.                     | "           | Smooth   |
| 11. E. Scotland           | S-SW 2-10               | "            | Cloudy to dull; some (drizzle.)      | Fair        | "        |
| 12. S.W. Scotland         | S-SW 10-25              | "            | Dull, local rain.                    | poor        | Slight   |
| 13. Isle of Man           | W 5-10                  | "            | Cloudy to dull; some mist.           | Indiff.     | Mod.     |
| 14. N. & N.W. Scotland    | NW 10-20                | "            | Dull; some rain.                     | "           | Smooth   |
| 15. Hebrides              | NW 5-10                 | R. Cold      | Dull; showery.                       | "           | "        |
| 16. Orkneys and Shetlands | N-NW 5-10               | "            | Dull; some snow & mist.              | poor        | "        |
| 17. N.W. Ireland          | W-NW 5-15               | Mod.         | Cloudy to dull; rain & (mist.)       | "           | Slight   |
| 18. N.E. Ireland          | NW-W 5-15               | "            | ditto.                               | Indiff.     | "        |
| 19. S.E. Ireland          | W-SW 10-20              | "            | Cloudy to dull; squally.             | Fair        | Mod.     |
| 20. S.W. Ireland          | W 2-10                  | "            | Cloudy.                              | Good.       | Slight.  |

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

A trough of low pressure stretching from North Scotland to S.W. England is moving N.E. and will cause rain or showers generally over England and Scotland as it passes. Further depressions are likely to arrive from the Atlantic before long and maintain unsettled conditions for two or three days.

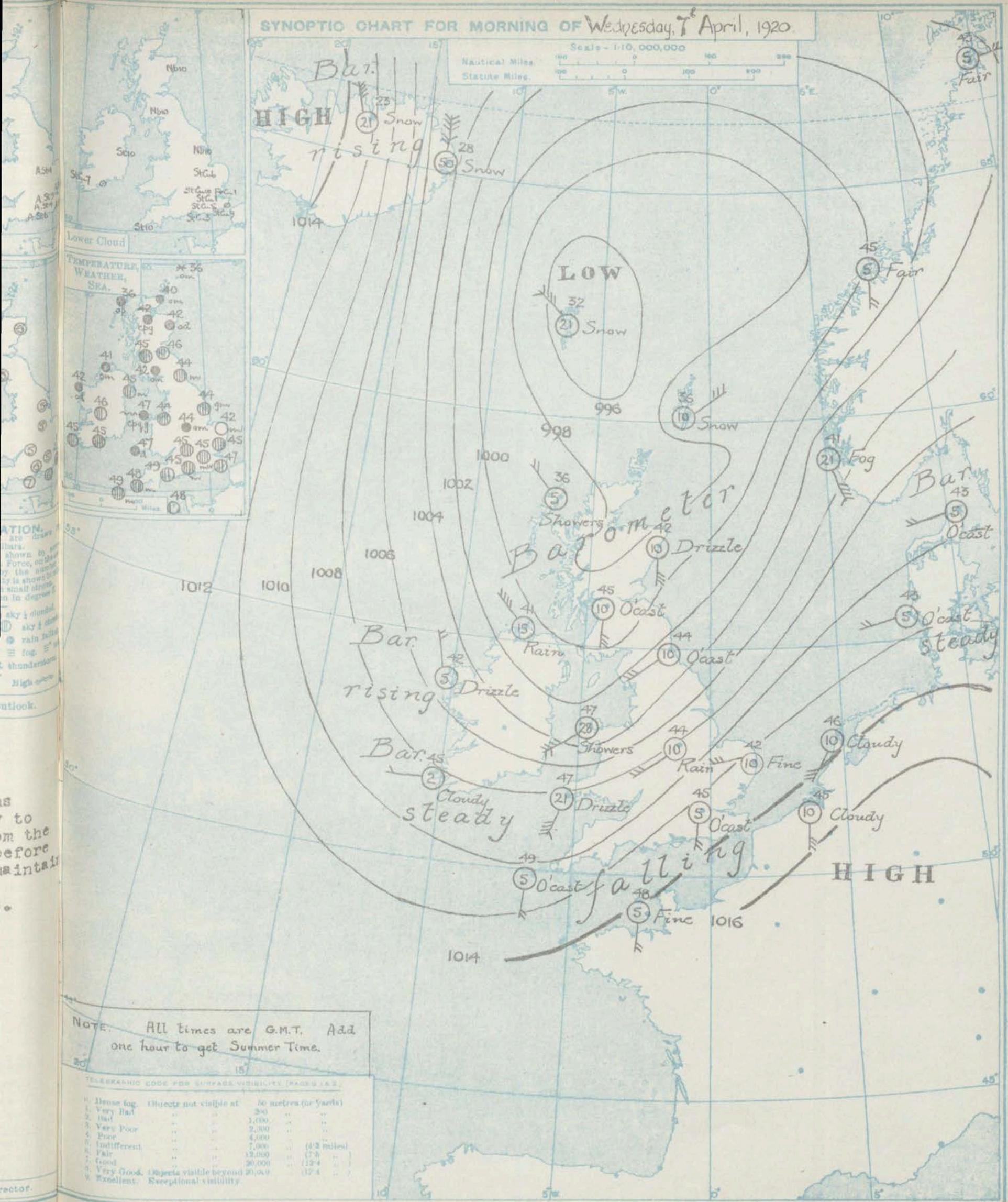
**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn at intervals of two millibars.  
**WIND.**—Direction is shown by the arrow pointing to the direction from which the wind is blowing. Force, on the Beaufort scale, is indicated by the number of feathers. Mean velocity is shown in small figures per hour by figures in small circles.  
**TEMPERATURE.**—Mean temperature is given in degrees Fahrenheit.  
**WEATHER SYMBOLS.**  
 ☉ clear sky. ☁ sky & clouded.  
 ☁ sky & clouded. ☁ sky & rain.  
 ☁ overcast sky. ☁ rain falling.  
 \* snow. \* hail. ☁ fog.  
 T thunder. T thunderstorm.  
**SEA DISTURBANCE.**—  
 Rough. High.

| Districts.                                          | Forecasts for the 24 hours commencing 1 p.m. G.M.T. Wednesday, 7th April, 1920.                                                                                                   | Further Outlook.                                                                                          |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| 1. S.E. England                                     | Light or moderate S. to S.W. winds, fresh at times; much low cloud; some showers; visibility good to indifferent; moderate temperature to rather mild.                            | Further depressions are likely to arrive from the Atlantic before long and maintain unsettled conditions. |
| 2. E. England                                       |                                                                                                                                                                                   |                                                                                                           |
| 3. E. Midlands                                      |                                                                                                                                                                                   |                                                                                                           |
| 4. W. Midlands                                      | Light or moderate winds between S. and W. Cloudy, fair intervals; some showers; hail locally; visibility indifferent to fair; moderate temperature.                               |                                                                                                           |
| 5. S.W. England                                     |                                                                                                                                                                                   |                                                                                                           |
| 6. South Wales                                      |                                                                                                                                                                                   |                                                                                                           |
| 7. North Wales                                      |                                                                                                                                                                                   |                                                                                                           |
| 8. N.W. England                                     |                                                                                                                                                                                   |                                                                                                           |
| 9. N. Midlands                                      |                                                                                                                                                                                   |                                                                                                           |
| 10. N.E. England                                    | Moderate winds between S.W. and N.W. Much low cloud; some showers of rain, hail or sleet; visibility fair; moderate temperature or rather cold.                                   |                                                                                                           |
| 11. E. Scotland                                     |                                                                                                                                                                                   |                                                                                                           |
| 12. S.W. Scotland                                   |                                                                                                                                                                                   |                                                                                                           |
| 13. Isle of Man                                     | Same as 4 - 9.                                                                                                                                                                    |                                                                                                           |
| 14. N. & N.W. Scotland                              | Moderate or fresh North-westerly winds; much low cloud; some showers of rain, hail, sleet or snow; visibility fair; rather cold.                                                  |                                                                                                           |
| 15. Hebrides                                        |                                                                                                                                                                                   |                                                                                                           |
| 16. Orkneys and Shetlands                           |                                                                                                                                                                                   |                                                                                                           |
| 17. N.W. Ireland                                    | Light or moderate N.W. winds probably backing later and freshening; much low cloud; some showers; hail locally at first; visibility fair to indifferent; rather low to mod. temp. |                                                                                                           |
| 18. N.E. Ireland                                    |                                                                                                                                                                                   |                                                                                                           |
| 19. S.E. Ireland                                    |                                                                                                                                                                                   |                                                                                                           |
| 20. S.W. Ireland                                    |                                                                                                                                                                                   |                                                                                                           |
|                                                     | low cloud, rain at times; visibility fair to indiff. Mod. temp.                                                                                                                   |                                                                                                           |
| Met. Office, An Admiralty Building, London, W.C. 2. |                                                                                                                                                                                   | Forecasts issued at 9h.15 G.M.T. Sir Napier Shaw, F.R.S., Director.                                       |



# SYNOPTIC CHART FOR MORNING OF Wednesday, 7 April, 1920.

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





## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 98.

WEDNESDAY,

7<sup>th</sup> APRILWEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 6<sup>th</sup> APRIL.

| STATIONS.        |                       | WEATHER.  |            | TEMPERATURE. |              | RAINFALL.                                           |                                                   | SUNSHINE.                                 |                                                              | STATIONS.          |                      | WEATHER.  |            | TEMPERATURE. |              | RAINFALL.                                           |                                                   | SUNSHINE.                                 |                                                              |  |
|------------------|-----------------------|-----------|------------|--------------|--------------|-----------------------------------------------------|---------------------------------------------------|-------------------------------------------|--------------------------------------------------------------|--------------------|----------------------|-----------|------------|--------------|--------------|-----------------------------------------------------|---------------------------------------------------|-------------------------------------------|--------------------------------------------------------------|--|
|                  |                       | Forenoon. | Afternoon. | Max.<br>° F. | Min.<br>° F. | Night,<br>17h-9h.<br>5 <sup>h</sup> -6 <sup>h</sup> | Day,<br>9h-17h.<br>6 <sup>h</sup> -7 <sup>h</sup> | to 17h.<br>6 <sup>h</sup> -7 <sup>h</sup> | Sunrise<br>to Sun-<br>set.<br>5 <sup>h</sup> -7 <sup>h</sup> |                    |                      | Forenoon. | Afternoon. | Max.<br>° F. | Min.<br>° F. | Night,<br>17h-9h.<br>5 <sup>h</sup> -6 <sup>h</sup> | Day,<br>9h-17h.<br>6 <sup>h</sup> -7 <sup>h</sup> | to 17h.<br>6 <sup>h</sup> -7 <sup>h</sup> | Sunrise<br>to Sun-<br>set.<br>5 <sup>h</sup> -7 <sup>h</sup> |  |
|                  |                       |           |            |              |              |                                                     |                                                   |                                           |                                                              |                    |                      |           |            |              |              |                                                     |                                                   |                                           |                                                              |  |
| Scotland.        | Oban ... ..           | oc        | bc.co      | 48           | 40           | 0.3                                                 | -                                                 | 4.4                                       | 0.0                                                          | England,<br>N.W.   | Douglas (I.O.M.)     |           |            |              |              |                                                     |                                                   |                                           |                                                              |  |
|                  | Banff ... ..          | oc        | bcc        | 53           | 41           | -                                                   | -                                                 | 1.9                                       | 0.2                                                          |                    | Blackpool ... ..     | oc        | o          | 51           | 43           | -                                                   | -                                                 | 0.6                                       | ?                                                            |  |
|                  | Montrose ... ..       | o.bc      | bcc        | 53           | 40           | 1                                                   | -                                                 | 3.8                                       | 1.0                                                          |                    | Southport ... ..     | o         | o.c.o.c    | 52           | 44           | -                                                   | -                                                 | 0.7                                       | 0.2                                                          |  |
|                  | St. Andrews ... ..    |           |            |              |              |                                                     |                                                   |                                           |                                                              |                    |                      |           |            |              |              |                                                     |                                                   |                                           |                                                              |  |
| England,<br>N.E. | Harrogate ... ..      | b.c.b     | c.b.c      | 50           | 37           | 0.3                                                 | -                                                 | 3.8                                       | 0.2                                                          | Midlands.          | Buxton ... ..        | -         | -          | 46           | 39           | -                                                   | -                                                 | 0.0                                       | ?                                                            |  |
|                  | Scarborough ... ..    | bc        | bc         | 53           | 40           | -                                                   | -                                                 | 1.7                                       | 0.0                                                          |                    | Leamington Spa... .. | c.b       | c.b        | 53           | 40           | -                                                   | -                                                 | 2.5                                       | 1.6                                                          |  |
|                  | Skegness ... ..       | oc        | co         | 53           | 37           | -                                                   | -                                                 | 2.4                                       | ?                                                            |                    | Malvern ... ..       | c         | c          | 52           | 42           | 0.3                                                 | -                                                 | 4.0                                       | 0.3                                                          |  |
|                  |                       |           |            |              |              |                                                     |                                                   |                                           |                                                              |                    | Ross-on-Wye ... ..   | o.c.o     | o.c        | 51           | 41           | 1                                                   | -                                                 | 0.8                                       | 1.6                                                          |  |
| England, E.      | Lowestoft ... ..      | b         | b.c.o      | 50           | 39           | -                                                   | -                                                 | 7.0                                       | 0.0                                                          | Wales.             | Bath ... ..          | o.c.b.c.b | b.c.c.o    | 55           | 39           | -                                                   | -                                                 | 2.5                                       | 1.8                                                          |  |
|                  | Felixstowe ... ..     | b.c.f     | o.g.m      | 49           | 38           | -                                                   | -                                                 | 5.9                                       | 1.5                                                          |                    | Rhyl ... ..          | c         | c.b.c      | 53           | 41           | -                                                   | -                                                 | 0.3                                       | 3.5                                                          |  |
|                  | Southend-on-Sea... .. | b.b.c     | co         | 55           | 39           | 0.2                                                 | -                                                 | 5.3                                       | 2.5                                                          |                    | Colwyn Bay ... ..    | *         | *          | 53           | 44           | -                                                   | -                                                 | 1.0                                       | ?                                                            |  |
|                  |                       |           |            |              |              |                                                     |                                                   |                                           |                                                              |                    | Llandudno ... ..     | -         | -          | 52           | 44           | -                                                   | -                                                 | 0.4                                       | ?                                                            |  |
| England, S.E.    | Tunbridge Wells       | b         | b.b.c.c    | 54           | 32           | -                                                   | -                                                 | 4.2                                       | 1.8                                                          | Aberystwyth ... .. | Swansea ... ..       | r.o.c     | c.c.o      | 50           | 45           | 1                                                   | -                                                 | 0.4                                       | 0.0                                                          |  |
|                  | Margate ... ..        | b         | b.b.c.c    | 52           | 41           | -                                                   | -                                                 | 7.7                                       | ?                                                            |                    |                      |           |            |              |              |                                                     |                                                   |                                           |                                                              |  |
|                  | Ramsgate ... ..       | *         | *          | 49           | 38           | 1                                                   | -                                                 | 8.6                                       | ?                                                            |                    |                      |           |            |              |              |                                                     |                                                   |                                           |                                                              |  |
|                  | Folkestone ... ..     | b         | b          | 56           | 40           | -                                                   | -                                                 | 9.0                                       | 3.5                                                          |                    |                      |           |            |              |              |                                                     |                                                   |                                           |                                                              |  |
|                  | Hastings ... ..       | b         | b          | 51           | 40           | -                                                   | -                                                 | 10.1                                      | 3.1                                                          | England, S.W.      | Weymouth ... ..      | bc        | bc         | 57           | 42           | 0.2                                                 | -                                                 | 7.0                                       | ?                                                            |  |
|                  | Eastbourne ... ..     | b.c.b     | b          | 53           | 30           | -                                                   | -                                                 | 10.6                                      | 2.2                                                          |                    | Teignmouth ... ..    | b         | b          | 54           | 38           | -                                                   | -                                                 | 5.4                                       | ?                                                            |  |
|                  | Brighton ... ..       | b.c.b     | b          | 52           | 38           | -                                                   | -                                                 | 9.1                                       | 0.8                                                          |                    | Torquay ... ..       | b         | c.b.c      | 52           | 38           | -                                                   | -                                                 | 5.1                                       | 3.1                                                          |  |
|                  | Worthing ... ..       | b.c.b     | b.b.c      | 56           | 41           | -                                                   | -                                                 | 8.7                                       | 0.3                                                          |                    | Paignton ... ..      | b.b.c     | c.b.c.b    | 54           | 33           | -                                                   | -                                                 | 6.1                                       | ?                                                            |  |
|                  | Littlehampton ... ..  | cm        | bc         | 52           | 41           | -                                                   | -                                                 | 8.1                                       | 0.8                                                          |                    | Penzance ... ..      | b.c.z     | b.c.c.o    | 54           | 40           | -                                                   | -                                                 | 7.0                                       | 5.6                                                          |  |
|                  | Portsmouth (S. Sea)   | *         | *          | 55           | 40           | 2                                                   | -                                                 | 6.9                                       | ?                                                            |                    | Newquay ... ..       | b         | bc         | 55           | 39           | -                                                   | -                                                 | 7.0                                       | 4.4                                                          |  |
|                  | Bournemouth ... ..    | *         | *          | 57           | 38           | -                                                   | -                                                 | 8.6                                       | 2.2                                                          |                    | Bude ... ..          |           |            |              |              |                                                     |                                                   |                                           |                                                              |  |
|                  | Ventnor (I. of W.)    | *         | *          | 55           | 41           | 0.3                                                 | -                                                 | 6.8                                       | 4.0                                                          |                    | Ilfracombe ... ..    | o.g       | co         | 51           | 44           | -                                                   | -                                                 | 12.1                                      | ?                                                            |  |
|                  |                       |           |            |              |              |                                                     |                                                   |                                           |                                                              |                    | Weston-s-Mare ... .. | c.b.c     | b.c.c      | 53           | 41           | -                                                   | -                                                 | 1.8                                       | ?                                                            |  |
|                  |                       |           |            |              |              |                                                     |                                                   |                                           |                                                              |                    |                      |           |            |              |              |                                                     |                                                   |                                           |                                                              |  |
|                  |                       |           |            |              |              |                                                     |                                                   |                                           |                                                              |                    |                      |           |            |              |              |                                                     |                                                   |                                           |                                                              |  |
|                  |                       |           |            |              |              |                                                     |                                                   |                                           |                                                              |                    |                      |           |            |              |              |                                                     |                                                   |                                           |                                                              |  |
|                  |                       |           |            |              |              |                                                     |                                                   |                                           |                                                              |                    |                      |           |            |              |              |                                                     |                                                   |                                           |                                                              |  |
|                  |                       |           |            |              |              |                                                     |                                                   |                                           |                                                              |                    |                      |           |            |              |              |                                                     |                                                   |                                           |                                                              |  |

## 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-6h.   | 6h-7h.  |                |                |                   | Day, 7h-18h. | Night, 18h-7h. |             |
|                            |             |             |           |         |                |                |                   | mm.          | mm.            |             |
| Eskdalemuir ... ..         | o.m.o.c     | c.o         | o.m.o.m   | o.m.o.m | 46             | 38             | 36                | Trace        | 11             | 1.4         |
| Valencia (Cahirciveen) ... | o.r.c       | o.d.r.c     | r.o.c.b.c |         | 51             | 43             | 37                | 6            | 9              | 0.0         |
| Baldonnel ... ..           | c.o.z       | c.o.z       | g.r.r     | g.r     | -              | -              | -                 | -            | -              | -           |
| Didsbury ... ..            |             |             |           |         |                |                | *                 |              |                |             |
| Falmouth ... ..            | b.z.b.c     | b.z.b.c     | a.b.o     | o.o.m   | 53             | 39             | 44                | -            | -              | 9.1         |
| Calshot (Hants) ... ..     | c.o.z       | b.c.c.z     | b.b.c.o   | c       | 54             | 42             | 43                | -            | -              | 4.9         |
| Lymington (Folkestone) ... | b.z         | b.z         | b.z.b.c.c | o.m.m   | 50             | 38             | 36                | -            | -              | 10.7        |
| Aberdeen ... ..            | o.f.b.c.z   | c.b.c.z     | c.b.      | o.f.d   | 52             | 41             | 36                | -            | -              | 2.1         |
| Howden ... ..              | b.c.c.u     | m.o         | o         | r.f.o   | 51             | 42             | *                 | *            | *              | *           |
| Cranwell (Lincs) ... ..    | b.c.c.m     |             | b.a.c.o   | o.o.m   | 52             | 40             | *                 | -            | -              | 0.8         |
| Felixstowe ... ..          | b.b.c.z     | m.c.o       |           |         |                |                |                   |              |                |             |
| Shoeburyness ... ..        | b.m.b.c.z   | b.c.z.b.o.z | o.z.c     |         | 54             | 32             | 34                | -            | -              | 6.3         |
| Benson ... ..              | o.m.c       | o           | c.o       |         | 53             | 40             | 36                | -            | -              | *           |
| S. Farnborough ... ..      | o.c.o.m     | o.m         | a.b.o.m   |         | 56             | 39             | 36                | -            | -              | 2.2         |
| London (Kew Obs.) ... ..   | c.f.v.c.o.m | o.m.g.o.m   | c.b.o.m   |         | 53             | 38             | 35                | -            | -              | 2.1         |
| Croydon ... ..             | b.c.c.z     | o.m.c       | o.m.f     | f.o.f   | *              | *              | *                 | *            | *              | *           |

## BEAUFORT NOTATION.

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

## THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.

Limits of Velocity at about 30 feet above ground.

| No. | Statute miles per hour. | Metres per second. |
|-----|-------------------------|--------------------|
| 0   | Less than 1             | Less than 0.5      |
| 1   | 1-3                     | 0.5-1.5            |
| 2   | 4-7                     | 1.6-2.8            |
| 3   | 8-13                    | 2.4-6.4            |
| 4   | 14-18                   | 5.5-7.9            |
| 5   | 19-24                   | 8.0-10.7           |
| 6   | 25-31                   | 10.8-13.8          |
| 7   | 32-38                   | 12.9-17.1          |
| 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  $\odot$  Solar halo  $\odot$   
 Hine  $\odot$  Lunar halo  $\odot$   
 Glazed frost  $\odot$  Solar corona  $\odot$   
 Glazed roads  $\odot$  Lunar corona  $\odot$

| LONDON.<br>OBSERVATIONS.       | WEATHER.                                       |            |         | Max.<br>Temp. | Min.<br>Temp. | Min. on<br>Grass. | Rain-<br>fall. | Sun-<br>shine to<br>Sunset. | HUMIDITY %      |                | SOUTH KENSINGTON<br>(Meteorological Office).                                              | TABLE SHOWING THE GREENWICH TIMES OF<br>SUNRISE, NOON AND SUNSET FOR STATIONS<br>IN THE UNITED KINGDOM. |      |       |      |
|--------------------------------|------------------------------------------------|------------|---------|---------------|---------------|-------------------|----------------|-----------------------------|-----------------|----------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|------|-------|------|
|                                | Morning.                                       | Afternoon. | Night.  | °F.           | °F.           | °F.               | mm.            | Hours.                      | 10 h.<br>G.M.T. | 9 h.<br>G.M.T. |                                                                                           | 7 <sup>th</sup> AND 8 <sup>th</sup> APRIL 1920.                                                         |      |       |      |
|                                | 24 HOURS ENDED 24 G.M.T. 7 <sup>th</sup> ..... |            |         |               |               |                   |                | YESTERDAY.                  |                 | TO-DAY.        |                                                                                           | Stations. Sunrise. Noon. Sunset.                                                                        |      |       |      |
| Greenwich (Royal Observatory)  | b.c.f.o.                                       | o          | o.c.o   | 57            | 41            | 37                | -              | 1.0                         | 67              | 72             | Vertical Component<br>of<br>Solar Radiation<br>per Square Centimetre<br>during yesterday. | G.M.T. G.M.T. G.M.T.                                                                                    |      |       |      |
| City (Bunhill Row) ...         | *                                              | *          | *       | *             | *             | *                 | -              | 0.1                         | 56              | 69             |                                                                                           | Yarmouth...                                                                                             | 5.15 | 11.55 | 6.35 |
| Westminster (St. James's Park) | *                                              | *          | *       | 55            | 43            | 36                | -              | 1.8                         | 56              | 69             | Total ..... 6.47 ..... Ionies.                                                            | Greenwich { 5.25 12.22 6.40                                                                             |      |       |      |
| .. (Admiralty Arch)            | f.w.b.c.z                                      | b.c.o.p.   | b.c.o.m | 56            | 44            | *                 | -              | 1.9                         | 67              | 71             |                                                                                           | { 5.23 12.22 6.41                                                                                       |      |       |      |
| Camden Sq. (British Rainfall)  | o.m.c.                                         | c.o        | *       | 54            | 40            | 37                | -              | *                           | 69              | 74             | Milliwatts.                                                                               | Wick ... { 5.26 12.54 7.3                                                                               |      |       |      |
| Kennington Palace ...          | o                                              | o          | *       | 55            | 42            | 37                | -              | *                           | 71 (18h)        | 71             | Average Rate. 13.6                                                                        | { 5.23 12.14 7.5                                                                                        |      |       |      |
| Hampstead Observatory ...      | *                                              | *          | *       | 52            | 41            | 36                | -              | 3.0                         | *               | 71             | Maximum Rate. 57                                                                          | Valencia ... { 6.5 12.43 7.21                                                                           |      |       |      |

## NOTES ON THE WEATHER OF YESTERDAY.

Temperatures mainly exceeded 50° and reached 57° at Weymouth and Bournemouth.  
 Rain fell in Ireland during the day and at night in Scotland and North England.  
 Valencia reported a rainfall of 15 mm, Eskdalemuir 11 mm and Lerwick and Roche's point each 10 mm. Sunshine amounts were fairly good in South England, Hastings and Eastbourne each had over 10 hours sunshine.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B.21,322.

...THURSDAY, 8<sup>TH</sup> APRIL, 1920.

| OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 12H. |           |             |       |             |          |           |                    |                      |                     |          |              |                                |              |            |          |           |             |           |          |             |                      |            |      |              |       |      |
|-------------------------------------------------------------------------|-----------|-------------|-------|-------------|----------|-----------|--------------------|----------------------|---------------------|----------|--------------|--------------------------------|--------------|------------|----------|-----------|-------------|-----------|----------|-------------|----------------------|------------|------|--------------|-------|------|
| STATIONS.                                                               | BAROM.    | Change      | WIND. |             | WEATHER. | TEMP.     | HUMIDITY.          | Height of Low Cloud. | Low Cloud.          |          | Upper Cloud. |                                | Sea.         | BAROM.     | Change   | WIND.     |             | WEATHER.  | TEMP.    | HUMIDITY.   | Height of Low Cloud. | Low Cloud. |      | Upper Cloud. |       | Sea. |
|                                                                         | at M.S.L. | in 3 hours. | Dir.  | Force 0-12. |          | °F.       | %                  |                      | Feet.               | Form.    | Amt. 0-10.   | Form.                          |              | Amt. 0-10. | 0-9.     | at M.S.L. | in 3 hours. |           | Dir.     | Force 0-12. |                      | °F.        | %    | Feet.        | Form. |      |
|                                                                         | mb.       |             |       |             |          |           |                    |                      |                     |          |              |                                |              | mb.        |          |           |             |           |          |             |                      |            |      |              |       |      |
| 13H. G.M.T. 7 <sup>TH</sup>                                             |           |             |       |             |          |           |                    |                      |                     |          |              | 18H. G.M.T. OF 7 <sup>TH</sup> |              |            |          |           |             |           |          |             |                      |            |      |              |       |      |
| Eskdalemuir                                                             | 1001.8    | +4          | W     | 4           | c        | 43        | 75                 | 8                    | 12-2000             | FCu      | 4            | Cu                             | 3            | 1004.2     | +3       | W         | 4           | bv        | 40       | 65          | 9                    | 2-3000     | Cu   | 2            | Cu    | 1    |
| Valencia (Cahire'n)                                                     | 1008.0    | 0           | NW    | 2           | c        | 50        | 75                 | 8                    | 2-3000              | Sc       | 5            | ASc                            | 2            | 1007.4     | 0        | NE        | 2           | 0         | 46       | 82          | 8                    | 2-3000     | Cu   | 2            | ASc   | 8    |
| Baldonnell                                                              | 1006.3    | 0           | WNW   | 4           | 0        | 49        | 92                 | 6                    | 15-2000             | Sc       | 4            | ASc                            | 2            | ?          | +2       | WNW       | 4           | 0r        | 46       | 92          | 6                    | 1-1500     | Sc   | 10           | -     | -    |
| Didsbury                                                                | 1009.2    | -2          | SW    | 3           | ocm      | 52        | 92                 | 4                    | -                   | Nb       | 10           | -                              | -            | 1007.5     | -2       | SW        | 4           | ocf       | 51       | 92          | 2                    | -          | Nb   | 10           | -     | -    |
| Falmouth                                                                | 1011.3    | -2          | SW    | 3           | od       | 50        | 87                 | 7                    | 15-2000             | Sc       | 6            | ASc                            | 4            | 1009.0     | -3       | SW        | 3           | om        | 50       | 92          | 4                    | 5-1000     | Sc   | 10           | -     | 2    |
| Calshot (Hants)                                                         | 1010.5    | -3          | SW    | 6           | 0        | 50        | 82                 | 8                    | 8-4000              | FCu      | 1            | ASc                            | 8            | 1009.3     | -3       | SSW       | 2           | 0r        | 47       | 90          | 7                    | -          | -    | ASc          | 10    | -    |
| Lymington (Folkestone)                                                  | 1010.5    | -3          | SW    | 6           | 0        | 50        | 82                 | 8                    | 8-4000              | FCu      | 1            | ASc                            | 8            | 1009.3     | -3       | SSW       | 2           | 0r        | 47       | 90          | 7                    | -          | -    | ASc          | 10    | -    |
| Aberdeen                                                                | 999.75    | +2          | NW    | 4           | 0        | 42        | 75                 | 8                    | -                   | SECu     | 10           | -                              | -            | 1001.6     | +6       | NW        | 4           | c         | 40       | 65          | 8                    | -          | CuN  | 3            | Cu    | 4    |
| Howden                                                                  | 1003.0    | +2          | WSW   | 5           | oq       | 49        | 82                 | 5                    | 15-2000             | ScCu     | 10           | -                              | -            | 1005.2     | +2       | WSW       | 3           | 0         | 46       | 87          | 5                    | 3-4000     | SECu | 3            | ASc   | 4    |
| Cranwell (Lincs)                                                        | 1006.4    | -4          | WSW   | 6           | om       | 54        | 75                 | 7                    | 15-2000             | ScCu     | 8            | ASc                            | 1            | 1006.7     | +1       | SW        | 3           | om        | 51       | 87          | 6                    | 3-3000     | ScCu | 6            | ASc   | 4    |
| Felixstowe                                                              | 1010.0    | -4          | SSW   | 4           | c        | 55        | 82                 | 6                    | 4-5000              | ScCu     | 7            | -                              | -            | 1009.5     | 0        | SW        | 4           | 0         | 50       | 75          | 5                    | 1-5000     | ScCu | 8            | ASc   | 2    |
| Shoeburyness                                                            | 1010.0    | -3          | SW    | 3           | c        | 55        | 82                 | 7                    | 3-4000              | ScCu     | 6            | ASc                            | 2            | 1009.1     | -2       | SW        | 1           | od        | 48       | 75          | 6                    | 3-4000     | Sc   | 8            | ASc   | 2    |
| Benson                                                                  | 1008.5    | -2          | SW    | 4           | 0        | 51        | 82                 | 5                    | -                   | Cu       | 10           | -                              | -            | 1007.9     | -2       | S         | 3           | 0         | 49       | 92          | 4                    | -          | Nb   | 10           | -     | -    |
| S. Farnborough                                                          | 1009.9    | -1          | SW    | 5           | 0        | 53        | 75                 | 7                    | 1-1500              | Nb       | 8            | ASc                            | 2            | 1008.3     | -2       | SW        | 3           | omr       | 48       | 92          | 2                    | 5-1000     | Nb   | 10           | -     | -    |
| London (Kew Obs.)                                                       | 1009.8    | -2          | SW    | 4           | 0        | 53        | 75                 | 8                    | 2-3000              | ScCu     | 8            | ASc                            | 2            | 1008.7     | -2       | SSW       | 2           | omr       | 50       | 87          | 5                    | -          | Sc   | 10           | -     | -    |
| Croydon                                                                 | ?         | -1          | SW    | 4           | om       | 55        | 75                 | 6                    | 2-3000              | ScCu     | 5            | ASc                            | 5            | ?          | -3       | SSW       | 3           | omr       | 48       | 82          | 4                    | 1-1500     | Nb   | 6            | ASc   | 4    |
| 1H. G.M.T. OF 8 <sup>TH</sup>                                           |           |             |       |             |          |           |                    |                      |                     |          |              | 7H. G.M.T. OF 8 <sup>TH</sup>  |              |            |          |           |             |           |          |             |                      |            |      |              |       |      |
| Eskdalemuir                                                             | 1006.8    | 0           | -     | 0           | bex      | 28        | 82                 | 8                    | -                   | -        | ASc          | 6                              | 1008.2       | +2         | -        | 0         | bex         | 27        | 82       | 8           | -                    | -          | -    | -            | -     |      |
| Valencia (Cahire'n)                                                     | 1007.6    | 0           | NE    | 4           | 0        | 44        | -                  | -                    | -                   | -        | -            | -                              | 1004.6       | -2         | ENE      | 4         | 0           | 43        | 75       | 8           | -                    | -          | ASc  | 10           | 3     |      |
| Baldonnell                                                              | 1007.8    | 0           | -     | 0           | 0        | 40        | 82                 | 5                    | 2-3000              | FCu      | 6            | ASc                            | 4            | 1008.0     | 0        | -         | 0           | c         | 35       | 82          | 5                    | 1-1500     | FCu  | 1            | ASc   | 7    |
| Didsbury                                                                | 1006.3    | -3          | SW    | 4           | 0r       | 50        | 82                 | 4                    | -                   | Nb       | 10           | -                              | -            | 1005.2     | 0        | SW        | 3           | 0r        | 50       | 82          | 3                    | -          | Nb   | 10           | -     | -    |
| Falmouth                                                                | 1007.4    | -2          | SSW   | 4           | 0r       | 49        | 88                 | 6                    | 5-1000              | Nb       | 10           | -                              | -            | 1007.0     | 0        | SW        | 4           | od        | 50       | 88          | 3                    | 1-500      | Sc   | 10           | -     | 2    |
| Calshot (Hants)                                                         | 1007.4    | -2          | SSW   | 4           | 0r       | 49        | 88                 | 6                    | 5-1000              | Nb       | 10           | -                              | -            | 1007.0     | 0        | SW        | 4           | od        | 50       | 88          | 3                    | 1-500      | Sc   | 10           | -     | 2    |
| Lymington (Folkestone)                                                  | 1007.4    | -2          | SSW   | 4           | 0r       | 49        | 88                 | 6                    | 5-1000              | Nb       | 10           | -                              | -            | 1007.0     | 0        | SW        | 4           | od        | 50       | 88          | 3                    | 1-500      | Sc   | 10           | -     | 2    |
| Aberdeen                                                                | 1006.6    | 0           | -     | 0           | 03       | 41        | 82                 | 3                    | 12-2000             | St.Cu    | 10           | -                              | -            | 1006.2     | +2       | NW        | 2           | b3        | 36       | 75          | 7                    | -          | -    | -            | -     |      |
| Howden                                                                  | 1007.0    | 0           | NW    | 2           | 0r       | 44        | 88                 | 5                    | 1-1500              | Nb       | 10           | -                              | -            | 1007.4     | +2       | -         | 0           | em        | 41       | 88          | 3                    | 12-2000    | Sc   | 8            | ASc   | 1    |
| Cranwell (Lincs)                                                        | 1007.0    | 0           | NW    | 2           | 0r       | 44        | 88                 | 5                    | 1-1500              | Nb       | 10           | -                              | -            | 1007.5     | +2       | NE        | 2           | od        | 42       | 88          | 5                    | 1-1500     | Nb   | 10           | -     | -    |
| Felixstowe                                                              | 1007.0    | 0           | NW    | 2           | 0r       | 44        | 88                 | 5                    | 1-1500              | Nb       | 10           | -                              | -            | 1007.4     | 0        | WSW       | 2           | em        | 50       | 82          | 3                    | 1-1500     | Sc   | 10           | -     | 2    |
| Shoeburyness                                                            | 1007.0    | 0           | NW    | 2           | 0r       | 44        | 88                 | 5                    | 1-1500              | Nb       | 10           | -                              | -            | 1006.6     | -1       | SW        | 1           | od        | 51       | 82          | 6                    | 1-1500     | Sc   | 10           | -     | -    |
| Benson                                                                  | 1007.0    | 0           | NW    | 2           | 0r       | 44        | 88                 | 5                    | 1-1500              | Nb       | 10           | -                              | -            | 1005.5     | +1       | -         | 0           | om        | 48       | 88          | 3                    | -          | 32   | 10           | -     | -    |
| S. Farnborough                                                          | 1007.0    | 0           | NW    | 2           | 0r       | 44        | 88                 | 5                    | 1-1500              | Nb       | 10           | -                              | -            | 1006.4     | 0        | SW        | 3           | om        | 50       | 88          | 5                    | 1-1000     | Nb   | 10           | -     | -    |
| London (Kew Obs.)                                                       | 1006.7    | -3          | -     | -           | 50       | -         | -                  | -                    | -                   | -        | -            | -                              | 1006.4       | +1         | SSW      | 2         | em          | 51        | 88       | 4           | -                    | Sc         | 10   | -            | -     |      |
| Croydon                                                                 | ?         | -3          | SSW   | 2           | 0r       | 49        | 88                 | 4                    | 1-1000              | Nb       | 10           | -                              | -            | ?          | 0        | SSW       | 2           | om        | 50       | 88          | 5                    | 1-1000     | Sc   | 10           | -     | -    |
| STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.                           |           |             |       |             |          |           |                    |                      |                     |          |              |                                |              |            |          |           |             |           |          |             |                      |            |      |              |       |      |
| STATIONS.                                                               | BAROM.    | TEMP.       | WIND. |             | WEATHER. | BAROM.    | TEMP.              | WIND.                |                     | WEATHER. | SEA.         | RAINFALL.                      | TEMP.        |            | WEATHER. |           |             | SUNSHINE. |          |             |                      |            |      |              |       |      |
|                                                                         | at M.S.L. | °F.         | Dir.  | Force 0-12. |          | at M.S.L. | Change in 3 hours. | Temp. °F.            | Change in 24 hours. |          | Dir.         | Force 0-12.                    | Upper Cloud. | Weather.   | Sea.     | mm.       | Max. °F.    |           | Min. °F. | Morning.    | Afternoon.           | Night.     |      |              |       |      |
|                                                                         | mb.       |             |       |             |          | mb.       |                    |                      |                     |          |              | 0-9.                           |              |            |          |           |             |           |          |             | Hours.               |            |      |              |       |      |
| 12H. G.M.T. OF 7 <sup>TH</sup>                                          |           |             |       |             |          |           |                    |                      |                     |          |              | 7H. G.M.T. OF 8 <sup>TH</sup>  |              |            |          |           |             |           |          |             |                      |            |      |              |       |      |
| Lerwick                                                                 | 999.6     | 38          | WNW   | 3           | bcm      | 1000.3    | +2                 | 37                   | +1                  | NW       | 3            | W                              | bc           | 3          | 9        | 46        | 31          | omps      | bcm      | omhp        | -                    |            |      |              |       |      |
| Stornoway                                                               | 1012.8    | 38          | N     | 4           | cpsr     | 1005.7    | +1                 | 35                   | -1                  | WSW      | 2            | -                              | c            | 2          | 2        | 44        | 33          | ocp       | cpsr     | cps         | 6.7                  |            |      |              |       |      |
| Castlebay (Barra)                                                       | 1003.7    | 40          | W     | 3           | o2       | 1007.8    | +2                 | 32                   | -13                 | WNW      | 1            | -                              | b            | x          | 0.3      | 46        | 28          | opcg      | c        | c-bx        | 4.2                  |            |      |              |       |      |
| Glasgow                                                                 | 1003.9    | 43          | NW    | 2           | bc       | 1006.7    | 0                  | 37                   | -4                  | SSW      | 1            | -                              | bc           | 2          | trace    | 45        | 34          | bc        | bcp      | bex         | 8.2                  |            |      |              |       |      |
| Malin Head                                                              | 1007.2    | 45          | NW    | 2           | bc       | 1007.5    | -2                 | 43                   | +1                  | W        | 1            | -                              | bc           | 1          | 0.3      | 45        | 31          | bc        | bc       | bc          | -                    |            |      |              |       |      |
| Blacksod Point                                                          | 1007.3    | 47          | W     | 2           | odm      | 1006.1    | -1                 | 42                   | -3                  | NNE      | 2            | -                              | 0            | 1          | 2        | 54        | 41          | co        | odm      | a.o         | -                    |            |      |              |       |      |
| Roche's Point                                                           | 1006.4    | 47          | N     | 1           | c        | 1007.1    | -                  | 32                   | -14                 | N        | 1            | -                              | bc           | 1          | trace    | 50        | 30          | cop       | opd.o    | c-bx        | 2.3                  |            |      |              |       |      |
| Birr Castle                                                             | 1005.6    | 44          | WNW   | 3           | cm       | 1008.3    | +2                 | 35                   | -10                 | NW       | 1            | NE                             | b3           | 1          | 0.2      | 48        | 34          | c         | om       | bcm         | -                    |            |      |              |       |      |
| Donaghadee                                                              | 1005.6    | 44          | WNW   | 3           | cm       | 1008.3    | +2                 | 35                   | -10                 | NW       | 1            | NE                             | b3           | 1          | 0.2      | 48        | 34          | c         | om       | bcm         | -                    |            |      |              |       |      |
| Liverpool (Bidston)                                                     | 1005.7    | 45          | WNW   | 2           | c        | 1006.5    | 0                  | 42                   | -2                  | NNW      | 1            | -                              | og           | 1          | 1        | 51        | 42          | rog       | poc      | cop         | 0.7                  |            |      |              |       |      |
| Holyhead                                                                | 1006.0    | 42          | WSW   | 2           | cg       | 1006.7    | +1                 | 43                   | -4                  | NE       | 4            | NW                             | 0            | 2          | 0.2      | 52        | 42          | c-bx      | copc     | cp.og       | 2.5                  |            |      |              |       |      |
| Pembroke (St. Ann's Head)                                               | 1007.5    | 46          | -     | 0           | og       | 1005.9    | -1                 | 45                   | -2                  | ENE      | 2            | -                              | 0            | 1          | 2        | 47        | 44          | ov        | odm      | ov.ev.o     | 0.0                  |            |      |              |       |      |
| Scilly (St. Mar's)                                                      | 1007.3    | 50          | SSW   | 2           | fe       | 1005.1    | -2                 | 50                   | +1                  | SSE      | 2            | -                              | rf           | 3          | 7        | 52        | 48          | ofc       | ofc      | fr          | 0.0                  |            |      |              |       |      |
| Jersey (St. Aubin)                                                      | 1010.7    | 53          | WSW   | 3           | o        | 1008.6    | -1                 | 50                   | +2                  | SSW      | 2            | -                              | 0            | 1          | 2        | 56        | 48          | bor       | ord.bo   | od.o        | 3.4                  |            |      |              |       |      |
| Portland Bill                                                           | 1008.4    | 49          | SW    | 4           | op       | 1006.5    | -2                 | 48                   | -1                  | WSW      | 5            | -                              | 0r           | 4          | 5        | 50        | 41          | cp        | cop      | fe.or       | -                    |            |      |              |       |      |
| Dungeness                                                               | 1009.5    | 50          | SW    | 3           | c        | 1006.7    | -1                 | 50                   | +3                  | SW       | 3            | -                              | 0            | 4          | 2        | 53        | 46          | c         | c        | onof.o      | -                    |            |      |              |       |      |
| Wick                                                                    | 999.4     | 40          | WNW   | 3           | bc       | 1003.9    | +3                 | 34                   | -6                  | WSW      | 2            | -                              | bc           | 2          | 7        | 42        | 30          | omprs     | omp.bc   | bshp        | -                    |            |      |              |       |      |
| Nairn                                                                   | 1002.0    | 40          | NNW   | 2           | bc       | 1006.2    | -                  | 35                   | -7                  | -        | 0            | -                              | bc           | 1          | 2        | 45        | 31          | prcg      | prbc     | bex         | 3.0                  |            |      |              |       |      |
| Leith                                                                   | 1002.8    | 44          | SW    | 3           | c        | 1006.9    | +1                 | 33                   | -13                 | SW       | 1            | -                              | bm           | 2          | 0.3      | 51        | 32          | cvp.c     | c-bx     | c-bx        | -                    |            |      |              |       |      |
| Tynemouth                                                               | 1003.5    | 47          | W     | 2           | bc       | 1007.1    | +1                 | 34                   | -10                 | WNW      | 2            | -                              | bm           | 1          | trace    | 51        | 33          | om        | omp      | bcm         | -                    |            |      |              |       |      |
| Spurn Head                                                              | 1005.3    | 49          | WNW   | 5           | cg       | 1006.3    | 0                  | 43                   | -1                  | WNW      | 1            | -                              | og           | 3          | 2        | 52        | 40          | ega       | cgq      | omp         | -                    |            |      |              |       |      |
| Yarmouth (Gorleston)                                                    | 1007.6    | 53          | WSW   | 4           | c        | 1006.8    | 0                  | 45                   | -3                  | E        | 3            | -                              | om           | 2          | 4        | 57        | 42          | bcmpq     | om       | omd.f       | 0.6                  |            |      |              |       |      |
| Clacton-on-Sea                                                          | 1008.9    | 52          | SW    | 4           | o        | 1006.2    | 0                  | 50                   | +5                  | SW       | 2            | -                              | og           | 2          | 3        | 55        | 45          | ogc       | cog      | ogr         | 1.2                  |            |      |              |       |      |
| Nottingham                                                              | 1006.1    | 53          | W     | 2           | c        | 1006.5    | -                  | 43                   | -1                  | NE       | 1            | -                              | ogm          | 1          | 1        | 57        | 43          | oc        | c-bc     | c-op        | 2.8                  |            |      |              |       |      |

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ For code see page 3.



# SUMMARY OF CONDITIONS AT 7h.G.M.T. Thursday, 8th April, 1920.

| Districts.                | Wind Velocity in m.p.h. | Temperature. | Weather, Cloud and Precipitation. | Visibility. | Sea.      |
|---------------------------|-------------------------|--------------|-----------------------------------|-------------|-----------|
| 1. S.E. England           | SWly. 5-15              | Mild.        | Dull, misty, local fog.           | Poor.       | Mod.      |
| 2. E. England             | SW-E. 5-10              | R. Mild.     | Dull, misty, some drizzle.        | "           | Smooth.   |
| 3. E. Midlands            | Light. Var.             | "            | Dull and misty.                   | V. Poor.    | -         |
| 4. W. Midlands            | " "                     | Normal.      | Dull, misty.                      | Poor.       | -         |
| 5. S.W. England           | S-W. 5-20               | R. Mild.     | Dull, some rain and fog.          | V. Poor.    | Slight.   |
| 6. South Wales            | ENEly. 5                | Normal.      | Dull.                             | Indif.      | V. Smooth |
| 7. North Wales            | NEly. 10-15             | "            | Dull.                             | "           | Smooth.   |
| 8. N.W. England           | Nly. Light.             | "            | Dull, gloomy.                     | "           | V. Smooth |
| 9. N. Midlands            | Nly. Light.             | "            | Dull.                             | "           | -         |
| 10. N.E. England          | Wly. 2-5                | R. Cold.     | Fine to dull, misty, local fog.   | Poor.       | Smooth.   |
| 11. E. Scotland           | SW-NW. 2-5              | Cold.        | Fair to fine, local mist.         | Good.       | "         |
| 12. S.W. Scotland         | WNWly. Light.           | V. Cold.     | Fine, frosty.                     | V. Good     | V. Smooth |
| 13. Isle of Man           | NEly. Light.            | Cold.        | Fine, hazy.                       | Fair.       | "         |
| 14. N. & N.W. Scotland    | WSWly. 0-5              | "            | Fine to cloudy.                   | "           | Smooth    |
| 15. Hebrides              | WSW. 5                  | "            | Cloudy.                           | "           | "         |
| 16. Orkneys and Shetlands | NW. 10                  | R. Cold.     | Fair.                             | "           | Slight.   |
| 17. N.W. Ireland          | Wly. Light.             | "            | Fair.                             | "           | V. Smooth |
| 18. N.E. Ireland          | SW-NW. Light            | Cold.        | Fair to fine, hazy.               | "           | Smooth.   |
| 19. S.E. Ireland          | NNEly. 0-5              | "            | Dull to fair.                     | "           | V. Smooth |
| 20. S.W. Ireland          | NEly. 5-15              | R. Cold.     | Dull.                             | V. Good.    | Smooth.   |

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

A depression situated off our South-West coasts will probably remain stationary and dull weather with rain at times is indicated over Southern England during the next day or two. Fairer conditions may be anticipated in the Northern Districts where the temperature is, however, likely to remain rather low.

**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 miles per hour by figures in small circles.  
 TEMPERATURE.—Is given in degrees Fahrenheit.  
 WEATHER SYMBOLS.—  
 ☉ clear sky. ☁ sky & clouds. ☁ sky & clouds. ☁ sky & clouds.  
 ☁ overcast sky. ☁ rain falling.  
 \* snow. ▲ hail. ☁ fog.  
 T thunder. T thunder.  
 SEA DISTURBANCE.—  
 Rough. High.



| Districts.                                                                              | Forecasts for the 24 hours commencing 3 p.m. 15h.G.M.T. Thursday, 8th April, 1920.                                                                |
|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands<br>4. W. Midlands<br>5. S.W. England | Light or moderate South to South-West winds; dull; some rain or drizzle; visibility poor to indifferent; local mist or fog; moderate temperature. |
| 6. South Wales<br>7. North Wales<br>8. N.W. England<br>9. N. Midlands                   | Light variable winds; cloudy; some showers; visibility indifferent; local mist; rather cold.                                                      |
| 10. N.E. England<br>11. E. Scotland<br>12. S.W. Scotland                                | Light variable winds; mainly fair; visibility good; some morning mist; cold.                                                                      |
| 13. Isle of Man<br>14. N. & N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands  | Moderate or fresh winds between West and North; variable sky; snow or hail showers; visibility good; cold.                                        |
| 17. N.W. Ireland<br>18. N.E. Ireland                                                    | Same as 10 - 13.                                                                                                                                  |
| 19. S.E. Ireland<br>20. S.W. Ireland                                                    | Moderate North to North-East wind; variable sky; some showers visibility good; cold.                                                              |

Farther Outlook.

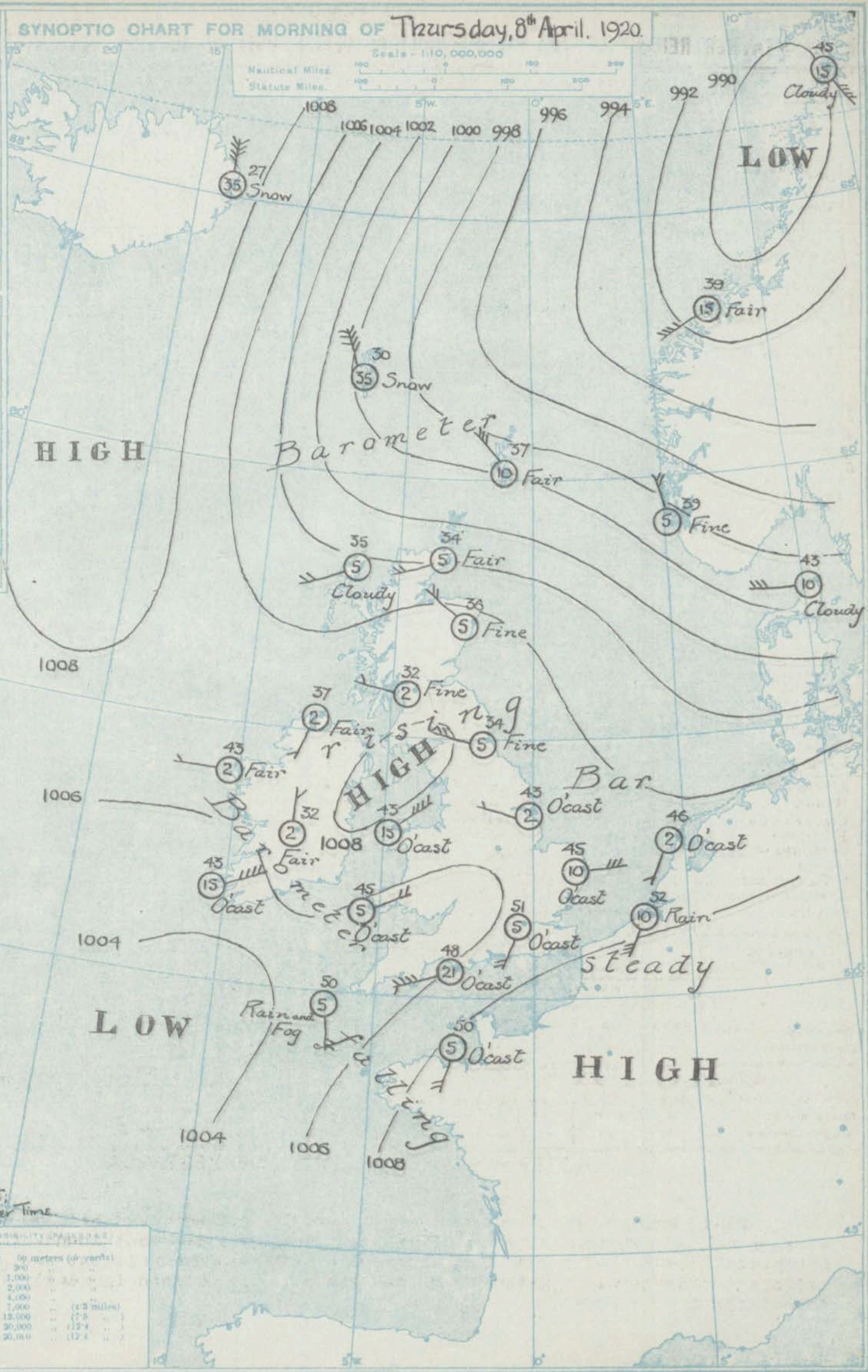
Conditions will probably continue generally unsettled with temperature below the normal in the North and West.



SYNOPTIC CHART FOR MORNING OF Thursday, 8<sup>th</sup> April, 1920.

Scale = 1:10,000,000

Neotoma Mine  
Statute Mine



Note: All times are GMT;  
Add 1 hour to get Summer Time.

| INTERFERENCE CODE FOR SURFACE VISIBILITY (PAGE 2 OF 2) |             |                        |                      |             |
|--------------------------------------------------------|-------------|------------------------|----------------------|-------------|
| 1.                                                     | Dense fog.  | Objects not visible at | 50 meters (or yards) |             |
| 2.                                                     | Very Bad    | " "                    | 200                  | " "         |
| 3.                                                     | Bad         | " "                    | 1,000                | " "         |
| 4.                                                     | Very Poor   | " "                    | 2,000                | " "         |
| 5.                                                     | Poor        | " "                    | 4,000                | " "         |
| 6.                                                     | Indifferent | " "                    | 7,000                | (4.3 miles) |
| 7.                                                     | Fair        | " "                    | 12,000               | (7.5 "      |
| 8.                                                     | Good        | " "                    | 20,000               | (12.4 "     |
| 9.                                                     | Very Good.  | Objects visible beyond | 30,000               | (12.4 "     |
| 10.                                                    | Excellent.  | Exceptional visibility |                      |             |



| WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 7 <sup>th</sup> APRIL |                     |           |            |               |                |                |                   |                |                              |                                   |                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
|-----------------------------------------------------------------------------------------|---------------------|-----------|------------|---------------|----------------|----------------|-------------------|----------------|------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|-------------------------|
| STATIONS.                                                                               |                     | WEATHER.  |            | TEMPERATURE.  |                | Rainfall.      |                   | SUNSHINE.      |                              | STATIONS.                         |                                                                                                                                                                             | WEATHER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                      | TEMPERATURE. |          | Rainfall.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              | SUNSHINE.   |                         |
|                                                                                         |                     | Forenoon. | Afternoon. | Max. °F.      | Min. °F.       | Night. 6"-7".  | Day. 7"-17h.      | to 17h. 7".    | Sunrise to Sun-set. 6".      |                                   |                                                                                                                                                                             | Forenoon.                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Afternoon.                                                                                                                                                                                                                                                                                                                                                                                                           | Max. °F.     | Min. °F. | Night. 6"-7".                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Day. 7"-17h. | to 17h. 7". | Sunrise to Sun-set. 6". |
| Scotland.                                                                               | Oban ...            | oc bc     | p bc       | 44            | 39             | 6              | 1                 | 5.5            | 4.4                          | England, N.W.                     | Douglas (I.O.M.)                                                                                                                                                            | or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | co                                                                                                                                                                                                                                                                                                                                                                                                                   | 48           | 44       | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -            | 0.4         | 0.6                     |
|                                                                                         | Banff ...           | rd        | oc         | 52            | 39             | 1              | 0.2               | 1.4            | 2.4                          |                                   | Blackpool ...                                                                                                                                                               | or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | co                                                                                                                                                                                                                                                                                                                                                                                                                   | 48           | 43       | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -            | 0.7         | 0.7                     |
|                                                                                         | Montrose ...        | o         | bcc        | 49            | 41             | 1              | -                 | 1.9            | 3.8                          |                                   | Southport ...                                                                                                                                                               | o                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | oco                                                                                                                                                                                                                                                                                                                                                                                                                  | 48           | 43       | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -            | 0.7         | 0.7                     |
|                                                                                         | St. Andrews ...     | ep        | cp         | 51            | 42             | 1              | 1                 | 2.7            | ?                            |                                   |                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
| England, N.E.                                                                           | Harrogate ...       | op bc     | bcp        | 48            | 40             | 6              | 0.2               | 1.1            | 3.8                          | Midlands.                         | Buxton ...                                                                                                                                                                  | crc c                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | c bcc                                                                                                                                                                                                                                                                                                                                                                                                                | 47           | 39       | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -            | 0.2         | 0.0                     |
|                                                                                         | Scarborough ...     | bc        | bc         | 51            | 42             | 2              | -                 | 0.6            | 1.7                          |                                   | Leamington Spa ...                                                                                                                                                          | bc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | o                                                                                                                                                                                                                                                                                                                                                                                                                    | 53           | 42       | 0.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -            | 0.7         | 2.5                     |
|                                                                                         | Skegness ...        | roc       | co         | 56            | 42             | 1              | -                 | 3.0            | 2.4                          |                                   | Malvern ...                                                                                                                                                                 | oc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | cod                                                                                                                                                                                                                                                                                                                                                                                                                  | 50           | 43       | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.2          | 0.8         | 4.0                     |
|                                                                                         |                     |           |            |               |                |                |                   |                |                              |                                   | Ross-on-Wye ...                                                                                                                                                             | co                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | om                                                                                                                                                                                                                                                                                                                                                                                                                   | 51           | 43       | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -            | 0.5         | 0.8                     |
| England, E.                                                                             | Lowestoft ...       | oc        | c          | 58            | 40             | -              | -                 | 1.5            | 7.0                          | Wales.                            | Bath ...                                                                                                                                                                    | co                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | op                                                                                                                                                                                                                                                                                                                                                                                                                   | 54           | 41       | 0.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1            | 0.0         | 2.5                     |
|                                                                                         | Felixstowe ...      | bem       | cg         | 56            | 46             | -              | -                 | 2.4            | 5.9                          |                                   | Rhyl ...                                                                                                                                                                    | o                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | c bc                                                                                                                                                                                                                                                                                                                                                                                                                 | 50           | 44       | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -            | 1.6         | 0.3                     |
|                                                                                         | Southend-on-Sea ... | bcc       | co         | 58            | 42             | -              | -                 | 2.9            | 5.3                          |                                   | Colwyn Bay ...                                                                                                                                                              | *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | *                                                                                                                                                                                                                                                                                                                                                                                                                    | 51           | 45       | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -            | 0.3         | 1.0                     |
|                                                                                         |                     |           |            |               |                |                |                   |                |                              |                                   | Llandudno ...                                                                                                                                                               | *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | *                                                                                                                                                                                                                                                                                                                                                                                                                    | 51           | 45       | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -            | 0.8         | 0.4                     |
| England, S.E.                                                                           | Tunbridge Wells     | c.co      | opo        | 54            | 39             | -              | 0.3               | 1.6            | 4.2                          | England, S.W.                     | Aberystwyth                                                                                                                                                                 | roc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | bco                                                                                                                                                                                                                                                                                                                                                                                                                  | 50           | 45       | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -            | 2.5         | 0.4                     |
|                                                                                         | Margate ...         | oc bc     | cor        | 57            | 41             | -              | 0.2               | 1.9            | 7.7                          |                                   | Swansea ...                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
|                                                                                         | Ramsgate ...        | *         | *          | 54            | 38             | -              | -                 | 1.7            | 6.6                          |                                   | Weymouth ...                                                                                                                                                                | c po                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | oco                                                                                                                                                                                                                                                                                                                                                                                                                  | 51           | 46       | 0.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1            | 0.1         | 7.0                     |
|                                                                                         | Folkestone ...      | o         | oc         | 58            | 44             | -              | -                 | 2.0            | 9.0                          |                                   | Teignmouth ...                                                                                                                                                              | o                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | orc                                                                                                                                                                                                                                                                                                                                                                                                                  | 53           | 46       | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.2          | 0.0         | 5.4                     |
|                                                                                         | Hastings ...        | b bc      | bcco       | 53            | 45             | -              | -                 | 2.4            | 11.1                         |                                   | Torquay ...                                                                                                                                                                 | oc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | cod o                                                                                                                                                                                                                                                                                                                                                                                                                | 52           | 46       | 0.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.1          | 0.1         | 5.3                     |
|                                                                                         | Eastbourne ...      | oc bc     | co         | 56            | 44             | -              | -                 | 3.1            | 11.2                         |                                   | Paignton ...                                                                                                                                                                | o                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | od                                                                                                                                                                                                                                                                                                                                                                                                                   | 54           | 42       | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Trace        | 0.4         | 6.6                     |
|                                                                                         | Brighton ...        | bcco      | op         | 52            | 50             | -              | 0.2               | 1.8            | 9.9                          |                                   | Penzance ...                                                                                                                                                                | ordf                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | odf                                                                                                                                                                                                                                                                                                                                                                                                                  | 53           | 48       | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1            | 0.0         | 7.0                     |
|                                                                                         | Worthing ...        | bco       | ro         | 53            | 46             | -              | 1                 | 1.8            | 9.5                          |                                   | Newquay ...                                                                                                                                                                 | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                                                                                                                                                                                                                                                                                                                                                                                    | 52           | 45       | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2            | 0.0         | 7.0                     |
|                                                                                         | Littlehampton ...   | ocp       | op         | 52            | 45             | -              | 2                 | 0.0            | 8.7                          |                                   | Bude ...                                                                                                                                                                    | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                                                                                                                                                                                                                                                                                                                                                                                    | 52           | 45       | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2            | 0.0         | 7.0                     |
|                                                                                         | Portsmouth (S. Sea) | -         | -          | 53            | 44             | -              | 1                 | 0.8            | 7.2                          |                                   | Hfracombe ...                                                                                                                                                               | og                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | omf                                                                                                                                                                                                                                                                                                                                                                                                                  | 54           | 47       | 0.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.3          | 0.0         | 2.6                     |
|                                                                                         | Bournemouth ...     | *         | *          | 51            | 44             | -              | 0.3               | 0.2            | 8.6                          |                                   | Weston-s-Mare ...                                                                                                                                                           | cr bc                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | r                                                                                                                                                                                                                                                                                                                                                                                                                    | 53           | 44       | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1            | 0.2         | 1.8                     |
|                                                                                         | Ventnor (I. of W.)  | *         | *          | 51            | 43             | -              | -                 | 1.6            | 6.8                          |                                   | TENBY                                                                                                                                                                       | od                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | odm                                                                                                                                                                                                                                                                                                                                                                                                                  | 48           | 47       | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1            | 0.0         | 1                       |
| SUMMARIES FOR PAST 24 HOURS.                                                            |                     |           |            |               |                |                |                   |                |                              |                                   |                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
| STATIONS.                                                                               |                     | WEATHER.  |            |               |                | Max. Temp. °F. |                   | Min. Temp. °F. |                              | Min. on Grass °F.                 |                                                                                                                                                                             | RAINFALL.                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                      | Sun.         |          | THE BEAUFORT NOTATION.<br>b blue sky (not more than a quarter covered).<br>bc sky partly cloudy (one half covered).<br>c generally cloudy (three quarters covered).<br>d drizzle, or fine rain.<br>e wet air without rain falling.<br>f fog. g gloom.<br>h hail. i lightning.<br>m mist. o overcast sky.<br>p passing showers.<br>q squalls. r rain.<br>rs sleet, i.e., rain and snow together.<br>s snow. t thunder.<br>u ugly, threatening sky.<br>v unusual visibility.<br>w dew. x hoar frost.<br>y dry air; humidity less than 60 per cent.<br>z dust haze; the turbid atmosphere of dry weather.<br><br>Capital letters indicate intensity, and repetition of letters continuity, thus: R = heavy rain.<br>rr = continuous moderate rain.<br>r.f. = continuous light rain. |              |             |                         |
|                                                                                         |                     | 7h-13h.   | 13h-18h.   | 18h-7h.       | 7h-18h.        | °F.            | °F.               | °F.            | °F.                          | Day. 7h-18h.                      | Night. 18h-7h.                                                                                                                                                              | HOURS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
| Eskdalemuir ...                                                                         |                     | ormaroc   | cobc v.    | b.b.bcc       | bccbx          | 46             | 32                | 14             | 1                            | trace                             | 5.2                                                                                                                                                                         | THE BEAUFORT SCALE OF WIND FORCE.<br>Used only for surface observations.<br><br>Limits of Velocity at about 20 feet above ground.<br><br>No. Statute miles per hour. Metres per second.<br><br>0 Less than 1 Less than 0.5<br>1 1-3 0.5-1.5<br>2 4-7 1.5-3.5<br>3 8-13 3.4-5.4<br>4 13-18 5.5-7.9<br>5 19-24 8.0-10.7<br>6 25-31 10.8-13.8<br>7 32-35 13.9-17.1<br>8 36-40 17.2-20.7<br>9 41-54 20.8-24.4<br>10 55-63 24.5-28.4<br>11 64-75 28.6-33.5<br>12 Above 75 33.6 or above |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
| Valencia (Cahirelvenn) ...                                                              |                     | coc       | co         | o             | o              | 51             | 42                | 42             | -                            | -                                 | 3.1                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
| Baldonnel ...                                                                           |                     | q.pd      | q.r        | c.og          | q3             | 51             | *                 | *              | *                            | *                                 | *                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
| Didsbury ...                                                                            |                     | onem      | odocf      | odr           | r.r.           | 53             | 47                | 44             | 3                            | 6                                 | 0.0                                                                                                                                                                         | SYMBOLS—<br>Aurora ☆ Solar halo ☉<br>Rime ❄ Lunar halo ☾<br>Glazed frost ❄ Solar corona ☉<br>Glazed roads ❄ Lunar corona ☾                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
| Falmouth ...                                                                            |                     | op        | oz         | adomrrom      | r.r. odad      | 52             | 48                | 49             | 1                            | 2                                 | 0.6                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
| Calshot (Hants) ...                                                                     |                     | ocm.bco   | op         |               |                |                |                   |                |                              |                                   |                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
| Lympe (Folkestone) ...                                                                  |                     | ocm.bco   | op         |               |                |                |                   |                |                              |                                   |                                                                                                                                                                             | TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.<br><br>8 <sup>th</sup> APRIL 1920.<br><br>Stations. Sunrise. Noon. Sunset.<br><br>G.M.T. G.M.T. G.M.T.<br><br>Yarmouth... { 5.12 11.55 6.37<br>{ 5.10 11.35 6.34<br>Greenwich { 5.23 12.2 6.41<br>{ 5.21 12.2 6.43<br>Wick { 5.23 12.14 7.5<br>{ 5.20 12.14 7.7<br>Valencia ... { 6.2 12.43 7.23<br>{ 6 12.43 7.25                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
| Aberdeen ...                                                                            |                     | ofggo     | cp bc      | bc b.jx       |                | 48             | 33                | 24             | trace                        | -                                 | 0.8                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
| Howden ...                                                                              |                     | r.r.g     | gc         | m.o           | ompd           | 53             | 38                | *              | *                            | *                                 | *                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
| Cranwell (Lincoln) ...                                                                  |                     | pe.bcco   | cz         | p.r.r.        | pd.oma         | 50             | 44                | *              | *                            | 2                                 | 4.7                                                                                                                                                                         | SOUTH KENSINGTON (Meteorological Office).<br><br>Vertical Component of Solar Radiation per Square Centimetre during yesterday<br><br>Total 85.4 Joules.<br><br>Milliwatts.<br><br>Average Rate. 17.9<br><br>Maximum Rate. 51                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
| Felixstowe ...                                                                          |                     | coq       | cq         | p.r.r.        | pd.oma         | 50             | 47                | *              | *                            | *                                 | *                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
| Shoeburyness ...                                                                        |                     | palco     | cod        | odd.d.d.      |                | 57             | 45                | 47             | 0.2                          | 1                                 | 2.5                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
| Benson ...                                                                              |                     | op        | oro        | r.r. om       |                | 52             | 44                | 47             | 0.2                          | 3                                 | *                                                                                                                                                                           | Hampstead Observatory ... bc or or 55 47 45 7 2.3 * 34                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
| S. Farnborough ...                                                                      |                     | ocpo      | orm        | r.r.d.d.r. om |                | 53             | 44                | 46             | 1                            | 1                                 | 0.8                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
| London (Kew Obs.) ...                                                                   |                     | omwcap    | op or      | o.orr. om     |                | 55             | 45                | 47             | 1                            | 3                                 | 2.3                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
| Croydon ...                                                                             |                     | z.p.      | rp bc      | bc.crr        | rr. om         | 43             | *                 | *              | *                            | *                                 | *                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
| LONDON. OBSERVATIONS.                                                                   |                     | Morning.  | Afternoon. | Night.        | Max. Temp. °F. | Min. Temp. °F. | Min. on Grass °F. | Rain-fall. mm. | Sun-shine to Sun-set. Hours. | Humidity % 15h. 9h. G.M.T. G.M.T. | Vertical Component of Solar Radiation per Square Centimetre during yesterday<br><br>Total 85.4 Joules.<br><br>Milliwatts.<br><br>Average Rate. 17.9<br><br>Maximum Rate. 51 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.<br><br>8 <sup>th</sup> APRIL 1920.<br><br>Stations. Sunrise. Noon. Sunset.<br><br>G.M.T. G.M.T. G.M.T.<br><br>Yarmouth... { 5.12 11.55 6.37<br>{ 5.10 11.35 6.34<br>Greenwich { 5.23 12.2 6.41<br>{ 5.21 12.2 6.43<br>Wick { 5.23 12.14 7.5<br>{ 5.20 12.14 7.7<br>Valencia ... { 6.2 12.43 7.23<br>{ 6 12.43 7.25 |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
| Greenwich (Royal Observatory)                                                           |                     | c.o.op    | op         | op            | 58             | 48             | 47                | 3              | 2.9                          | 67                                |                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          | 87                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |             |                         |
| City (Bushill Row) ...                                                                  |                     | *         | *          | *             | *              | *              | *                 | *              | 2.4                          | *                                 | *                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
| Westminster (St. James's Park)                                                          |                     | oe        | oe         | omae          | 57             | 49             | 46                | 5              | 2.4                          | 63                                | 89                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
| (Admiralty Arch)                                                                        |                     | bcp       | org        | or.opm        | 58             | 49             | *                 | 5              | 2.5                          | 71                                | 90                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
| Camden Sq. (British Rainfall)                                                           |                     | bc.c      | c          | c.o.or        | 58             | 49             | 47                | 7              | *                            | 62                                | 93                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
| Kensington Palace ...                                                                   |                     | c.o       | o.or       | *             | 56             | 47             | 47                | 6              | *                            | 85 (18h)                          | 93                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |
| Hampstead Observatory ...                                                               |                     | bc        | or         | or            | 55             | 47             | 45                | 7              | 2.3                          | *                                 | 34                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |             |                         |

## BEAUFORT NOTATION.

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

bc sky partly cloudy (one half covered).

c generally cloudy (three quarters covered).

d drizzle, or fine rain.

e wet air without rain falling.

f fog. g gloom.

h hail. i lightning.

m mist. o overcast sky.

p passing showers.

q squalls. r rain.

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

s snow. t thunder.

u ugly, threatening sky.

v unusual visibility.

w dew. x hoar frost.

y dry air; humidity less than 60 per cent.

z dust haze; the turbid atmosphere of dry weather.

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

R = heavy rain.

rr = continuous moderate rain.

r.f. = continuous light rain.

## THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.

Limits of Velocity at about 40 feet above ground.

No. Statute miles per hour. Metres per second.

0 Less than 1 Less than 0.3

1 1-3 0.3-1.3

2 4-7 1.3-3.3

3 8-13 3.3-5.4

4 14-18 5.4-7.9

5 19-24 8.0-10.7

6 25-31 10.8-13.8

7 32-38 13.9-17.1

8 39-46 17.2-20.7

9 47-54 20.8-24.4

10 55-63 24.5-28.4

11 64-75 28.5-33.5

12 Above 75 33.6 or above

## SYMBOLS-

Aurora ☄ Solar halo ☉

Rime ☃ Lunar halo ☾

Glazed frost ☑ Solar corona ☼

Glazed roads ☌ Lunar corona ☾

## LONDON OBSERVATIONS.

## WEATHER.

Morning. Afternoon. Night.

## TEMPERATURE.

Max. Temp. °F. Min. Temp. °F. Min. on Grass °F.

## RAINFALL.

mm. Sun-shine to Sunset. Hours.

## HUMIDITY %.

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

## SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday

Total 85.4 Joules.

Average Rate. 17.9 Milliwatts.

Maximum Rate. 51

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

8<sup>th</sup> APRIL 1920.

Stations. Sunrise. Noon. Sunset.

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

Yarmouth ... 5.12 11.55 6.37

Greenwich ... 5.23 12.2 6.41

Wick ... 5.23 12.14 7.5

Valencia ... 6.2 12.43 7.23

## NOTES ON THE WEATHER OF YESTERDAY.

Small amounts of rain fell very generally and snow and hail were reported at some of the extreme Northern stations. Sunshine was most abundant on the North-West coast (Malin Head 8.2 hours, Stornoway 6.7 hours), but was generally deficient elsewhere. Temperature was low for the season in nearly all localities, especially in the North.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B. 21,323

FRIDAY, 27 APRIL.....1920.

| OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H. |                        |                          |       |                |         |                            |                              |                          |                                     |               |                                 |               |                        |                          |                                |             |             |                |                |                     |                                     |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
|-------------------------------------------------------------------------|------------------------|--------------------------|-------|----------------|---------|----------------------------|------------------------------|--------------------------|-------------------------------------|---------------|---------------------------------|---------------|------------------------|--------------------------|--------------------------------|-------------|-------------|----------------|----------------|---------------------|-------------------------------------|------------|---------------|-------|---------------|------|---|--|--|------------------------------------|--|--|--|--|
| STATIONS.                                                               | BAROM.<br>at<br>M.S.L. | Change<br>in 3<br>hours. | WIND. |                | Weather | TEMP.<br>°F.               | Humidity.<br>%               | Visibility.<br>0-9.      | Height<br>of Low<br>Cloud.<br>Feet. | Low Cloud.    | Upper Cloud.                    | Sea           | BAROM.<br>at<br>M.S.L. | Change<br>in 3<br>hours. | WIND.                          |             | Weather     | TEMP.<br>°F.   | Humidity.<br>% | Visibility.<br>0-9. | Height<br>of Low<br>Cloud.<br>Feet. | Low Cloud. | Upper Cloud.  | Sea   |               |      |   |  |  |                                    |  |  |  |  |
|                                                                         | mb.                    |                          | Dir.  | Force<br>0-12. |         |                            |                              |                          | Form.                               | Amt.<br>0-10. | Form.                           | Amt.<br>0-10. | 0-9.                   | mb.                      |                                | Dir.        |             | Force<br>0-12. |                |                     |                                     | Form.      | Amt.<br>0-10. | Form. | Amt.<br>0-10. | 0-9. |   |  |  |                                    |  |  |  |  |
| 13H. G.M.T. OF 8 <sup>TH</sup>                                          |                        |                          |       |                |         |                            |                              |                          |                                     |               |                                 |               |                        |                          | 18H. G.M.T. OF 8 <sup>TH</sup> |             |             |                |                |                     |                                     |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
| Eskdalemuir                                                             | 1006.6                 | +3                       | SSW   | 2              | cyv     | 45                         | 45                           | 9                        | -                                   | Cu            | 3                               | Ci            | 4                      | 1004.4                   | -3                             | ESE         | 2           | oy             | 44             | 65                  | 7                                   | 5-7000     | St            | 1     | Ci-st         | 9    | * |  |  |                                    |  |  |  |  |
| Valencia (Cahire's)                                                     | 1001.8                 | -2                       | NE    | 2              | or      | 46                         | 87                           | 7                        | 2-3000                              | St            | 4                               | A-st          | 6                      | 999.5                    | -2                             | ENE         | 4           | or             | 45             | 87                  | 6                                   | 2-3000     | St            | 6     | A-st          | 4    | 3 |  |  |                                    |  |  |  |  |
| Baldonnell                                                              | 1005.6                 | -3                       | ENE   | 4              | oy      | 43                         | 92                           | 6                        | 2-3000                              | St            | 4                               | A-st          | 6                      | 1003.5                   | -1                             | ENE         | 3           | od             | 39             | 98                  | 4                                   | 1-1500     | St            | 10    | -             | -    | * |  |  |                                    |  |  |  |  |
| Didsbury                                                                | 1003.1                 | -3                       | S     | 3              | or      | 52                         | 92                           | 6                        | -                                   | Nb            | 10                              | -             | -                      | 1001.0                   | -2                             | S           | 2           | om             | 51             | 87                  | 5                                   | -          | Cu-Nb         | 3     | A-st          | 7    | * |  |  |                                    |  |  |  |  |
| Falmouth                                                                | 1006.4                 | -1                       | SW    | 4              | o       | 54                         | 82                           | 8                        | 2-3000                              | St            | 10                              | -             | -                      | 1003.6                   | -3                             | SE          | 1           | om             | 54             | 82                  | 7                                   | 3-4000     | St            | 10    | -             | -    | 1 |  |  |                                    |  |  |  |  |
| Calshot (Hants)                                                         | 1005.6                 | 0                        | SW    | 4              | o       | 52                         | 92                           | 8                        | 2-1000                              | St            | 10                              | -             | -                      | 1004.1                   | -4                             | SSE         | 2           | o              | 51             | 92                  | 8                                   | 3-4000     | St            | 10    | -             | -    | * |  |  |                                    |  |  |  |  |
| Lymington (Folkestone)                                                  | 1005.6                 | 0                        | SW    | 4              | o       | 52                         | 92                           | 8                        | 2-1000                              | St            | 10                              | -             | -                      | 1004.1                   | -4                             | SSE         | 2           | o              | 51             | 92                  | 8                                   | 3-4000     | St            | 10    | -             | -    | * |  |  |                                    |  |  |  |  |
| Aberdeen                                                                | 1007.1                 | +1                       | S     | 2              | bc      | 47                         | 45                           | 8                        | -                                   | Cu            | 6                               | -             | -                      | 1006.4                   | -1                             | S           | 2           | CZ             | 41             | 65                  | 7                                   | -          | St-Nb         | 7     | Ci-Cu         | 1    | 2 |  |  |                                    |  |  |  |  |
| Howden                                                                  | 1007.3                 | 0                        | -     | 0              | om      | 45                         | 82                           | 4                        | 2-3000                              | St            | 6                               | A-st          | 3                      | 1005.8                   | 0                              | ENE         | 3           | or             | 41             | 87                  | 4                                   | 2-1000     | Nb            | 10    | -             | -    | * |  |  |                                    |  |  |  |  |
| Cranwell (Lines)                                                        | 1007.2                 | 0                        | E     | 3              | od      | 45                         | 98                           | 6                        | 1-2000                              | F-Cu          | 10                              | -             | -                      | 1004.6                   | -4                             | ENE         | 4           | or             | 43             | 98                  | 5                                   | 1-2000     | Nb            | 10    | -             | -    | * |  |  |                                    |  |  |  |  |
| Felixstowe                                                              | 1007.3                 | 0                        | SSW   | 2              | od      | 51                         | 98                           | 2                        | 1-1500                              | St            | 10                              | -             | -                      | 1005.3                   | -2                             | S           | 2           | om             | 50             | 98                  | 4                                   | 2-3000     | St            | 10    | -             | -    | * |  |  |                                    |  |  |  |  |
| Shoeburyness                                                            | 1006.6                 | 0                        | SW    | 1              | o       | 55                         | 82                           | 7                        | 2-2000                              | St            | 5                               | A-st          | 4                      | 1004.7                   | -2                             | -           | 0           | od             | 52             | 87                  | 6                                   | 2-1000     | St            | 10    | -             | -    | * |  |  |                                    |  |  |  |  |
| Benson                                                                  | 1004.4                 | -2                       | SSW   | 3              | od      | 52                         | 98                           | 3                        | -                                   | Nb            | 10                              | -             | -                      | 1002.5                   | -2                             | S           | 2           | or             | 52             | 92                  | 6                                   | -          | Nb            | 10    | -             | -    | * |  |  |                                    |  |  |  |  |
| S. Farnborough                                                          | 1005.8                 | -2                       | SW    | 4              | od      | 53                         | 92                           | 7                        | 2-1000                              | Nb            | 10                              | -             | -                      | 1003.4                   | -2                             | S           | 3           | od             | 52             | 98                  | 3                                   | 2-1000     | Nb            | 10    | -             | -    | * |  |  |                                    |  |  |  |  |
| London (Kew Obs.)                                                       | 1005.7                 | -1                       | SSW   | 2              | od      | 55                         | 87                           | 4                        | 1-2000                              | St            | 8                               | A-st          | 2                      | 1003.8                   | -2                             | S           | 2           | o              | 55             | 82                  | 5                                   | 3-4000     | St            | 5     | A-st          | 5    | * |  |  |                                    |  |  |  |  |
| Croydon                                                                 | ?                      | 0                        | SSW   | 2              | od      | 53                         | 92                           | 5                        | 2-1000                              | Nb            | 10                              | -             | -                      | ?                        | -5                             | SW          | 3           | om             | 53             | 87                  | 6                                   | -          | -             | -     | -             | -    | * |  |  |                                    |  |  |  |  |
| 1H. G.M.T. OF 8 <sup>TH</sup>                                           |                        |                          |       |                |         |                            |                              |                          |                                     |               |                                 |               |                        |                          | 7H. G.M.T. OF 8 <sup>TH</sup>  |             |             |                |                |                     |                                     |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
| Eskdalemuir                                                             | 1003.9                 | -2                       | N     | 2              | b3      | 33                         | 82                           | 6                        | -                                   | -             | -                               | Ci-St         | 2                      | 1003.2                   | 0                              | N           | 2           | b, m, x        | 31             | 92                  | 4                                   | -          | -             | -     | Ci-St         | 3    | * |  |  |                                    |  |  |  |  |
| Valencia (Cahire's)                                                     | 998.1                  | -3                       | NE    | 3              | om      | 45                         | 87                           | 7                        | -                                   | -             | -                               | -             | 5                      | 996.5                    | 0                              | ENE         | 4           | or             | 44             | 92                  | 6                                   | 2-3000     | St            | 8     | A-st          | 2    | 4 |  |  |                                    |  |  |  |  |
| Baldonnell                                                              | 1000.3                 | -3                       | -     | ?              | od      | 40                         | 92                           | 4                        | 2-2000                              | St            | 10                              | -             | -                      | 1001.4                   | -1                             | NE          | 2           | om             | 41             | 98                  | 4                                   | 2-1000     | St            | 10    | -             | -    | * |  |  |                                    |  |  |  |  |
| Didsbury                                                                | 1003.0                 | -5                       | ENE   | 2              | o       | 50                         | 87                           | 6                        | -                                   | St            | 10                              | -             | -                      | 995.2                    | -1                             | ENE         | 2           | cem            | 50             | 87                  | 5                                   | -          | Cu            | 3     | A-st          | 5    | * |  |  |                                    |  |  |  |  |
| Falmouth                                                                | 1008.0                 | -3                       | ESE   | 3              | om      | 50                         | 92                           | 6                        | 4-5000                              | St            | 4                               | A-st          | 5                      | 998.1                    | -1                             | E           | 3           | om             | 52             | 92                  | 4                                   | 2-1000     | St            | 10    | -             | -    | 2 |  |  |                                    |  |  |  |  |
| Calshot (Hants)                                                         | 1008.1                 | -3                       | ESE   | 3              | om      | 50                         | 92                           | 6                        | 4-5000                              | St            | 4                               | A-st          | 5                      | 998.6                    | -1                             | ESE         | 3           | om             | 52             | 92                  | 5                                   | 4-5000     | St            | 3     | A-st          | 7    | * |  |  |                                    |  |  |  |  |
| Lymington (Folkestone)                                                  | 1008.1                 | -3                       | ESE   | 3              | om      | 50                         | 92                           | 6                        | 4-5000                              | St            | 4                               | A-st          | 5                      | 998.6                    | -1                             | ESE         | 3           | om             | 52             | 92                  | 5                                   | 4-5000     | St            | 3     | A-st          | 7    | * |  |  |                                    |  |  |  |  |
| Aberdeen                                                                | 1001.6                 | -2                       | NE    | 3              | or      | 39                         | 98                           | 2                        | 1-1500                              | Nb            | 10                              | -             | -                      | 1002.9                   | -1                             | SSW         | 3           | b3             | 36             | 92                  | 4                                   | -          | -             | -     | Ci            | 1    | 2 |  |  |                                    |  |  |  |  |
| Howden                                                                  | 1001.5                 | -2                       | NNW   | 2              | or      | 43                         | 98                           | 3                        | 1-1500                              | Nb            | 10                              | -             | -                      | 1001.2                   | -1                             | ENE         | 2           | o              | 41             | 98                  | 5                                   | 2-3000     | St            | 10    | -             | -    | * |  |  |                                    |  |  |  |  |
| Cranwell (Lines)                                                        | 1001.5                 | -2                       | NNW   | 2              | or      | 43                         | 98                           | 3                        | 1-1500                              | Nb            | 10                              | -             | -                      | 1001.2                   | 0                              | NE          | 2           | om             | 42             | 98                  | 3                                   | 2-1000     | St            | 10    | -             | -    | * |  |  |                                    |  |  |  |  |
| Felixstowe                                                              | 1001.5                 | -2                       | NNW   | 2              | or      | 43                         | 98                           | 3                        | 1-1500                              | Nb            | 10                              | -             | -                      | 1001.1                   | 0                              | -           | 0           | om             | 50             | 98                  | 3                                   | 4-5000     | St            | 7     | A-st          | 3    | 3 |  |  |                                    |  |  |  |  |
| Shoeburyness                                                            | 1001.5                 | -2                       | NNW   | 2              | or      | 43                         | 98                           | 3                        | 1-1500                              | Nb            | 10                              | -             | -                      | 1001.1                   | 0                              | -           | 0           | om             | 50             | 98                  | 3                                   | 4-5000     | St            | 7     | A-st          | 3    | 3 |  |  |                                    |  |  |  |  |
| Benson                                                                  | 1001.5                 | -2                       | NNW   | 2              | or      | 43                         | 98                           | 3                        | 1-1500                              | Nb            | 10                              | -             | -                      | 1001.1                   | 0                              | -           | 0           | om             | 50             | 98                  | 3                                   | 4-5000     | St            | 7     | A-st          | 3    | 3 |  |  |                                    |  |  |  |  |
| S. Farnborough                                                          | 1001.5                 | -2                       | NNW   | 2              | or      | 43                         | 98                           | 3                        | 1-1500                              | Nb            | 10                              | -             | -                      | 1001.1                   | 0                              | -           | 0           | om             | 50             | 98                  | 3                                   | 4-5000     | St            | 7     | A-st          | 3    | 3 |  |  |                                    |  |  |  |  |
| London (Kew Obs.)                                                       | 1000.9                 | -2                       | -     | -              | -       | 50                         | 87                           | 4                        | -                                   | -             | -                               | -             | -                      | 998.9                    | -2                             | ENE         | 2           | of             | 50             | 98                  | 2                                   | <500       | Nb            | 10    | -             | -    | * |  |  |                                    |  |  |  |  |
| Croydon                                                                 | 993.0                  | -1                       | SSW   | 1              | bc      | 51                         | 92                           | 5                        | 2-3000                              | St            | 5                               | -             | -                      | 999.1                    | -1                             | NE          | 1           | om             | 52             | 98                  | 2                                   | 3-4000     | St            | 4     | A-st          | 6    | * |  |  |                                    |  |  |  |  |
| STATIONS CONTRIBUTING REPORTS AT 7H. AND 19H.                           |                        |                          |       |                |         |                            |                              |                          |                                     |               |                                 |               |                        |                          |                                |             |             |                |                |                     |                                     |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
| STATIONS.                                                               | BAROM.<br>at<br>M.S.L. | TEMP.<br>°F.             | WIND. |                | Weather | BAROMETER.<br>at<br>M.S.L. | TEMPERATURE.<br>Temp.<br>°F. | Change<br>in<br>3 hours. | WIND.                               |               | Dirac.<br>of<br>Upper<br>Cloud. | Weather.      | Sea<br>0-9.            | Rainfall<br>mm.          | TEMP.                          |             | WEATHER.    |                |                | Sunshine<br>Hours.  |                                     |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
|                                                                         | mb.                    |                          | Dir.  | Force<br>0-12. |         |                            |                              | Temp.                    | Change<br>in<br>24 hours.           | Dir.          |                                 |               |                        |                          | Force<br>0-12.                 | Max.<br>°F. | Min.<br>°F. | Morning.       | Afternoon.     |                     | Night.                              |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
| 19H. G.M.T. OF 8 <sup>TH</sup>                                          |                        |                          |       |                |         |                            |                              |                          |                                     |               |                                 |               |                        |                          | 7H. G.M.T. OF 8 <sup>TH</sup>  |             |             |                |                |                     |                                     |            |               |       |               |      |   |  |  | 24 HOURS ENDED 7H. 8 <sup>TH</sup> |  |  |  |  |
| Lerwick                                                                 | 1006.3                 | 39                       | W     | 3              | bc      | 998.6                      | -3                           | 34                       | -3                                  | W             | 3                               | -             | om                     | 1                        | 2                              | 41          | 32          | bcps           | bc             | oms                 | *                                   |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
| Stornoway                                                               | 1003.8                 | 42                       | SW    | 3              | bc      | 998.3                      | -3                           | 38                       | +3                                  | SW            | 4                               | -             | bc                     | 3                        | 3                              | 44          | 34          | op.o           | o.bc           | bc                  | 6.8                                 |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
| Castletown (Barrals)                                                    | 1005.2                 | 43                       | E     | 1              | og      | 1003.8                     | 0                            | 31                       | -1                                  | -             | 0                               | -             | m                      | *                        | -                              | 46          | 30          | b.b.c          | c.o            | c.b.b.x             | 6.4                                 |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
| Glasgow                                                                 | 1004.1                 | 42                       | NE    | 3              | C       | 1002.7                     | 0                            | 41                       | +4                                  | NW            | 3                               | NW            | C                      | 2                        | -                              | 46          | 37          | bc             | bc             | C                   | 9.4                                 |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
| Malin Head                                                              | 1003.3                 | 44                       | NE    | 5              | bc      | 1002.4                     | 0                            | 42                       | -1                                  | NE            | 3                               | -             | bc                     | 2                        | -                              | 47          | 37          | bc             | bc             | bc                  | *                                   |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
| Blacksod Point                                                          | 1002.5                 | 43                       | E     | 4              | O       | 997.8                      | -1                           | 44                       | +2                                  | ENE           | 3                               | -             | rm                     | 3                        | 13                             | 45          | 41          | or             | r.o            | omr                 | *                                   |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
| Roche's Point                                                           | 1002.3                 | 42                       | NE    | 1              | r       | 1000.8                     | *                            | 40                       | +8                                  | ENE           | 1                               | -             | r                      | *                        | 5                              | 45          | 31          | c.o            | odr            | onodr               | 0.0                                 |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
| Birr Castle                                                             | 1005.1                 | 43                       | NE    | 2              | o       | 1003.6                     | 0                            | 41                       | +6                                  | NE            | 3                               | -             | cm                     | 2                        | -                              | 46          | 34          | bv             | bv             | cm                  | *                                   |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
| Donaghadee                                                              | 1002.6                 | 43                       | E     | 3              | r       | 1000.4                     | -1                           | 40                       | -2                                  | E             | 2                               | -             | om                     | 2                        | 10                             | 46          | 39          | om             | ogr            | orm                 | 0.0                                 |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
| Liverpool (Bidston)                                                     | 1001.3                 | 44                       | ENE   | 5              | orm     | 999.4                      | 0                            | 42                       | -1                                  | NE            | 6                               | -             | opmg                   | 4                        | 4                              | 45          | 41          | a.c.o          | a.orm          | or.c.op             | 0.0                                 |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
| Holyhead                                                                | 999.8                  | 48                       | S     | 3              | or      | 997.9                      | -1                           | 47                       | +2                                  | N             | 2                               | -             | o                      | 2                        | 9                              | 49          | 45          | or             | orf            | or.b.of             | 0.0                                 |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
| Pembroke (St. Ann's Head)                                               | 1000.7                 | 50                       | SSE   | 2              | C       | 995.0                      | -2                           | 49                       | -1                                  | E             | 1                               | -             | C                      | 3                        | 4                              | 51          | 48          | rom            | r.o.c          | bc.c                | 0.0                                 |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
| Scilly (St. Mary's)                                                     | 1002.6                 | 60                       | SSE   | 2              | C       | 996.8                      | -1                           | 53                       | +3                                  | ESE           | 2                               | -             | o                      | 3                        | 0.3                            | 60          | 50          | dp.b.c.o       | o.b.c.o.c      | c.b.o               | 0.0                                 |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
| Jersey (St. Aubin)                                                      | 1004.1                 | 48                       | WSW   | 4              | op      | 998.8                      | -4                           | 49                       | +1                                  | ENE           | 4                               | -             | o                      | 4                        | 2                              | 52          | 44          | or             | op             | c.op                | *                                   |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
| Portland Bill                                                           | 1004.4                 | 52                       | S     | 2              | C       | 999.3                      | -2                           | 51                       | +1                                  | S             | 2                               | -             | C                      | 2                        | 2                              | 54          | 48          | om.c           | C              | cor.o.c             | *                                   |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
| Dungeness                                                               | 1004.4                 | 52                       | S     | 2              | C       | 1003.5                     | -1                           | 36                       | +2                                  | SW            | 2                               | -             | cm                     | 2                        | 4                              | 44          | 32          | bcps           | bc             | bc.cm               | *                                   |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
| Wick                                                                    | 1004.2                 | 49                       | E     | 1              | C       | 1001.7                     | *                            | 35                       | 0                                   | -             | 0                               | -             | bc                     | 0                        | -                              | 49          | 28          | bc             | bc.c           | c.b.c               | 8.2                                 |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
| Nairn                                                                   | 1004.7                 | 44                       | SE    | 2              | O       | 1002.8                     | 0                            | 34                       | +1                                  | SW            | 1                               | SW            | cm                     | 1                        | -                              | 47          | 32          | bm.b.bc        | bc.c.o         | c.b.c               | *                                   |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
| Leith                                                                   | 1005.9                 | 42                       | SE    | 2              | om      | 1002.6                     | 0                            | 38                       | +4                                  | NW            | 2                               | -             | om                     | 2                        | 1                              | 46          | 34          | bcn            | bcn            | om.omr              | *                                   |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
| Tynemouth                                                               | 1004.8                 | 42                       | NE    | 3              | or      | 1001.5                     | 0                            | 43                       | 0                                   | ENE           | 5                               | -             | om                     | 4                        | 9                              | 46          | 40          | cg             | or             | om                  | *                                   |            |               |       |               |      |   |  |  |                                    |  |  |  |  |
| Spurn Head                                                              | 100                    |                          |       |                |         |                            |                              |                          |                                     |               |                                 |               |                        |                          |                                |             |             |                |                |                     |                                     |            |               |       |               |      |   |  |  |                                    |  |  |  |  |

\* Information for these columns not usually received.

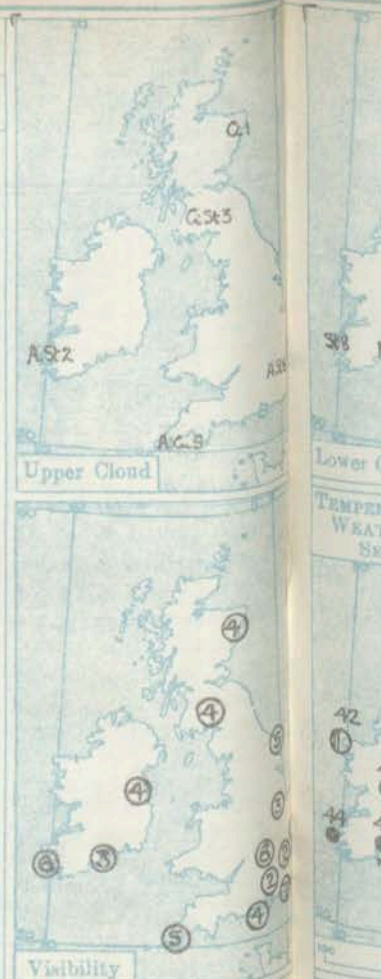
† The barometric change is expressed in half millibars.

‡ For code see page 3.



# SUMMARY OF CONDITIONS AT 7<sup>40</sup> A.M.T. Friday, 9th April, 1920.

| Districts.                | Wind Velocity in m.p.h. | Temperature. | Weather, Cloud and Precipitation.      | Visibility. | Sea.    |
|---------------------------|-------------------------|--------------|----------------------------------------|-------------|---------|
| 1. S.E. England           | E-S 5-10                | Mild         | Cloudy to dull; local mist and drizzle | V. Poor     | Smooth  |
| 2. E. England             | N-E 0-5                 | "            | Cloudy to dull; some mist              | "           | "       |
| 3. E. Midlands            | N-E 2-5                 | Mod.         | Dull, local mist and rain.             | Poor        | -       |
| 4. W. Midlands            | N-E 2-5                 | "            | Dull, local mist.                      | "           | -       |
| 5. S.W. England           | NE-E 5-15               | R. Mild.     | Cloudy to dull, local mist             | Indif.      | Slight  |
| 6. South Wales            | N-E 2-5                 | "            | Dull.                                  | "           | Smooth  |
| 7. North Wales            | NE-E 5-25               | Mod.         | Dull, local mist & showers             | "           | "       |
| 8. N.W. England           | N-E 5-10                | "            | Dull, local mist.                      | "           | Smooth  |
| 9. N. Midlands            | NE-E 2-5                | "            | " "                                    | "           | -       |
| 10. N.E. England          | Var. 5-20               | "            | " "                                    | "           | Slight  |
| 11. E. Scotland           | Var. 0-10               | R. Cold.     | Fair to cloudy, some mist.             | Indif.      | Smooth  |
| 12. S.W. Scotland         | Var. 0-5                | "            | Fair to cloudy, mist & hoar            | Poor        | "       |
| 13. Isle of Man           | NE 5-10                 | Mod.         | Fair to cloudy, some mist.             | "           | Slight. |
| 14. N. & N.W. Scotland    | SW-W 2-10               | R. Cold.     | ditto.                                 | "           | Smooth  |
| 15. Hebrides              | SW 10-15                | Mod.         | Fair.                                  | Indif.      | Slight  |
| 16. Orkneys and Shetlands | SW-W 5-10               | R. Cold.     | Cloudy to dull, mist & snow            | Poor.       | Smooth  |
| 17. N.W. Ireland          | N-NE 5-10               | Mod.         | Fair to cloudy.                        | Indif.      | "       |
| 18. N.E. Ireland          | NW-NE 5-10              | "            | Cloudy local mist.                     | Poor.       | "       |
| 19. S.E. Ireland          | NE-E 5-10               | "            | Dull, some mist & rain.                | "           | Slight. |
| 20. S.W. Ireland          | NE-E 10-15              | "            | ditto                                  | Indif.      | "       |



**EXPLANATION.**  
 BAROMETER.—Isobars are drawn at intervals of two millibars.  
 WIND.—Direction is shown by a line with the wind force, in knots, 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 & clouds. ☂ sky & rain. ☄ overcast sky. ☇ rain & hail. \* snow. △ hail. ≡ fog. ⚡ thunder. ⚡ thunder & rain.  
 SEA DISTURBANCE.—  
 ~~~~~ Rough. ~~~~~ High waves.

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

The depression off our South-West coasts is expanding Eastward and will maintain dull weather with intermittent rain over England and Southern Ireland. Weather is likely to continue cold in Scotland with snow in the extreme North.

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 9th April, 1920. | Further Outlook. |
|---------------------------|---|---|
| 1. S.E. England | Light or moderate Easterly winds; dull; low cloud; some drizzle; visibility indifferent; local mist or fog; moderate temperature. | Conditions will continue generally unsettled. |
| 2. E. England | | |
| 3. E. Midlands | | |
| 4. W. Midlands | | |
| 5. S.W. England | | |
| 6. South Wales | Light variable or Easterly winds; cloudy or overcast; some drizzle; mist locally; visibility indifferent; moderate temperature. | |
| 7. North Wales | | |
| 8. N.W. England | | |
| 9. N. Midlands | Light variable winds; mainly fair; visibility fair; some morning mist; rather cold. | |
| 10. N.E. England | | |
| 11. E. Scotland | Moderate winds between South-West and North-West; variable sky; some snow; visibility fair; cold. | |
| 12. S.W. Scotland | | |
| 13. Isle of Man | Light or moderate winds between N.W. and N.E.; cloudy; some local rain or drizzle; visibility fair; rather cold. | |
| 14. N. & N.W. Scotland | | |
| 15. Hebrides | Moderate North-East winds; dull; some rain and mist; visibility indifferent to fair; moderate temperature. | |
| 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, 9th April, 1920.

Scale - 1:10,000,000

Nautical Miles
Statute Miles

HIGH

LOW

1006
1004
1002
1000
998
996
994
992

21
28
21
10
38
36
31
41
42
44
49
53
55

Barometer

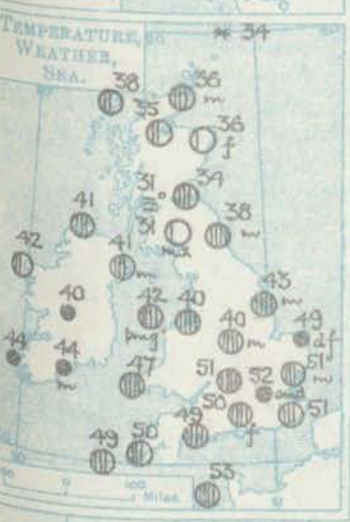
Cloudy
Fair
Fine
Misty
Ocast
Rain
Showers
Drizzle
Fog and Drizzle

Barometer

Barometer

LOW

HIGH



TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PART 1 & 2)

| Code | Meaning | Objects not visible at | 50 metres (or yards) |
|------|-------------|------------------------|----------------------|
| 1 | Dense fog | Objects not visible at | 50 metres (or yards) |
| 2 | Very Bad | 1,000 | 1,000 |
| 3 | Bad | 2,000 | 2,000 |
| 4 | Very Poor | 4,000 | 4,000 |
| 5 | Poor | 7,000 | 7,000 |
| 6 | Indifferent | 12,000 | 12,000 |
| 7 | Fair | 20,000 | 20,000 |
| 8 | Good | 30,000 | 30,000 |
| 9 | Very Good | 40,000 | 40,000 |
| 0 | Excellent | Exceptional visibility | |

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. B.100

Friday,
5th April.

| WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 8th | | | | | | | | | | | | | | | | | | | |
|---|----------------------|-----------|------------|--------------|----------|----------------|--------------|-----------|--------------------|---------------|------------------|-----------|------------|--------------|----------|----------------|--------------|-----------|--------------------|
| STATIONS. | | WEATHER. | | TEMPERATURE. | | RAINFALL. | | SUNSHINE. | | STATIONS. | | WEATHER. | | TEMPERATURE. | | RAINFALL. | | SUNSHINE. | |
| | | Forenoon. | Afternoon. | Max. °F. | Min. °F. | Night, 17h-9h. | Day, 9h-17h. | to 17h. | Sunrise to Sunset. | | | Forenoon. | Afternoon. | Max. °F. | Min. °F. | Night, 17h-9h. | Day, 9h-17h. | to 17h. | Sunrise to Sunset. |
| Scotland, N.W. | Oban | - | bc.b | 47 | 30 | - | - | 9.3 | 6.3 | England, N.W. | Douglas (I.O.M.) | - | - | - | - | - | - | - | - |
| | Banff | b.bc | b.bc | 45 | 33 | - | - | 8.5 | 2.1 | | Blackpool | c.or | 48 | 38 | - | 0.2 | 0.0 | 0.8 | |
| | Montrose | b | b.bc | 46 | 30 | - | - | 10.0 | 1.9 | | Southport | b | or | 47 | 41 | - | 0.4 | 0.0 | 0.8 |
| | St. Andrews | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - |
| England, N.E. | Harrogate | bc.c.o | o | 44 | 34 | - | - | 0.4 | 1.1 | Midlands. | Buxton | bc.bc.c | or.c.or | 42 | 38 | 1 | 2 | 0.0 | 0.2 |
| | Scarborough | bc | o | 48 | 40 | - | - | 0.6 | 1.3 | | Leamington Spa. | o | or | 48 | 44 | 4 | 5 | 0.0 | 0.7 |
| | Skegness | od.o | oe | 46 | 43 | 3 | 1 | 0.0 | 3.0 | | Malvern | or | r | 50 | 42 | 4 | 8 | 0.0 | 0.8 |
| | Lowestoft | o | omr | 46 | 44 | 2 | 1 | 0.0 | 1.5 | | Ross-on-Wye | gdmr | r.r.m | 49 | 40 | 2 | 8 | 0.0 | 0.5 |
| England, E. | Felixstowe | ogmd | ogmpd | 52 | 49 | 6 | 1 | 0.0 | 2.4 | Wales. | Bath | mr | r | 55 | 49 | 2 | 4 | 0.0 | 0.0 |
| | Southend-on-Sea | r.a.o | od | 55 | 48 | 2 | 0.2 | 0.0 | 2.9 | | Rhyl | cp | cp | 46 | 41 | 1 | 3 | 0.0 | 2.1 |
| | | | | | | | | | | | Colwyn Bay | * | * | 45 | 43 | - | 3 | 0.0 | 0.3 |
| | | | | | | | | | | | Llandudno | o.o | or | 46 | 43 | 0.2 | 2 | 0.0 | 0.8 |
| England, S.E. | Tunbridge Wells | o | of.o | 56 | 46 | 2 | 1 | 0.0 | 1.6 | England, S.W. | Aberystwyth | r.o.c | or.r | 49 | 45 | 4 | 2 | 0.0 | 2.5 |
| | Margate | - | - | 58 | 48 | 3 | - | 0.3 | 1.9 | | Swansea | - | - | - | - | - | - | - | - |
| | Ramsgate | * | * | 55 | 46 | 4 | 0.3 | 0.5 | 1.4 | | Weymouth | r | r.o | 53 | 49 | 4 | 1 | 0.0 | 0.1 |
| | Folkestone | r.o | or.o | 54 | 46 | 1 | 1 | 0.0 | 2.0 | | Teignmouth | od.o | od.bc.r | 57 | 50 | 1 | 1 | 1.5 | 0.0 |
| | Hastings | orfm | bc.o | 54 | 48 | 3 | 0.4 | 0.8 | 2.4 | Torquay | od | bc.or | 54 | 50 | 2 | 1 | 0.4 | 0.1 | |
| | Eastbourne | or.c.bc | bc.c.o | 56 | 49 | 3 | 1 | 1.4 | 3.1 | Paignton | od | or | 56 | 50 | 3 | 2 | 0.6 | 0.4 | |
| | Brighton | op | op | 52 | 49 | 3 | 1 | 0.1 | 1.8 | Fenestance | or | or | 52 | 50 | 8 | 5 | 0.0 | 0.0 | |
| | Worthing | r.o.c | c.o | 55 | 49 | 4 | 1 | 0.9 | 1.8 | Newquay | orm | or.o | 53 | 49 | 5 | 4 | 0.0 | 0.0 | |
| | Littlehampton | bc.r | o | 53 | 47 | 3 | 1 | 2.3 | 0.0 | Bude | - | - | - | - | - | - | - | - | |
| | Portsmouth (S' thea) | - | - | 54 | 48 | 1 | 0.2 | 0.3 | 0.8 | Ilfracombe | o.bc.r | r | 54 | 48 | 3 | 13 | 0.0 | 0.0 | |
| | Bournemouth | * | * | 53 | 48 | 4 | 1 | 0.0 | 0.2 | Weston-s-Mare | mr | - | 53 | 48 | 2 | 9 | 0.0 | 0.2 | |
| | Ventnor (I. of W.) | * | * | 52 | 47 | 5 | 1 | 0.5 | 1.6 | Denby | or | r | 50 | 47 | 1 | 11 | 0.0 | 0.0 | |

| SUMMARY 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. | 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. | | | |
| | | 7h-13h | 13h-18h | 18h-24h | 24h-7h | | | | Day, 7h-18h. | Night, 18h-7h. | | | | | |
| Eskdalemuir | | b.bc.c | cy.v.o | oy.o | bc.b | 46 | 26 | 19 | - | - | 7.3 | 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 1.6-3.5
3 9-12 5.4-5.4
4 18-18 5.5-7.9
5 19-24 8.0-10.7
6 25-31 10.6-13.8
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 28.6-32.5
12 Above 75 33.6 or above | | | |
| Valencia (Cahirciveen) | | o.or | or | or | or | 48 | 42 | 42 | 6 | 8 | 0.0 | | | | |
| Baldonnel | | 3.c.o | cd | op | rr.o | 43 | 38 | - | - | - | - | | | | |
| Didsbury | | - | - | - | - | - | - | - | - | - | - | CAPITAL LETTERS INDICATE INTENSITY, AND REPEITION OF LETTERS CONTINUITY, THUS:
R = heavy rain.
rr = continuous moderate rain.
r.r. = continuous light rain. | | | |
| Falmouth | | or.r.me | rm | o.bc.m.o | o.cm | 53 | 48 | 45 | 6 | - | 0.0 | | | | |
| Calshot (Hants) | | omd | o | om.c.o | om | 56 | 49 | 48 | 1 | - | 0.3 | | | | |
| Lympne (Folkestone) | | op.f.me | ac.bc.c | op | omp.o | 54 | 49 | 48 | 1 | 3 | 0.2 | | | | |
| Aberdeen | | b.bc | bc.c | o3 | bcx | 47 | 31 | 23 | - | - | 6.8 | | | | |
| Howden | | c.pd | omr | rr.o | pd.r | 45 | 39 | - | - | - | - | | | | |
| Cranwell (Lincs) | | pd.om | rr.pd | rr.r | rr.om | 46 | 41 | - | 3 | 7 | 0.0 | | | | |
| Felixstowe | | pd.om | omr | omp | pd | 52 | 47 | - | - | - | - | | | | |
| Shoeburyness | | pd.o | o.od | or.r.c | - | 57 | 47 | 43 | 0.2 | 1 | 0.0 | | | | |
| Benson | | fd | or | rr.o | - | 53 | 47 | 45 | 2 | 1 | - | | | | |
| S. Farnborough | | omr | omr | pd.r | of | 56 | 47 | 43 | 2 | 3 | 0.0 | | | | |
| London (Kew Obs.) | | omd | omd | omr | omr | 56 | 49 | 45 | 1 | 2 | 0.0 | | | | |
| Croydon | | omp | - | or.r.c | bc.c | - | - | - | - | - | - | | | | |

| LONDON OBSERVATIONS. | | | | | | | | | | SOUTH KENSINGTON (Meteorological Office). | | | TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. | | | |
|--------------------------------|--|------------|--------|--------|----------------|----------------|-------------------|----------------|-----------------------------|---|------------|---|---|--|--|--|
| Morning. | | Afternoon. | | Night. | Max. Temp. °F. | Min. Temp. °F. | Min. on Grass °F. | Rain-fall. mm. | Sun-shine to Sunset. Hours. | Humidity % | | Vertical Component of Solar Radiation per Square Centimetre during yesterday. | | Stations. Sunrise. Noon. Sunset. | | |
| | | | | | | | | | | 15h. G.M.T. | 9h. G.M.T. | | | | | |
| 24 HOURS ENDED 9h G.M.T. 5th | | | | | | | | | | YESTERDAY. | | TO-DAY. | | 5th 8th 10th April 1920. | | |
| Greenwich (Royal Observatory) | | omp | op | op | 58 | 48 | 45 | 4 | 0.1 | 81 | 93 | Total 252 Joules. Milliwatts. | | Yarmouth 5.10 11.58 6.39
Greenwich 5.21 12.2 6.43
Wick 5.20 12.14 7.7
Valencia 6.0 12.43 7.25 | | |
| City (Banhill Row) | | - | - | - | - | - | - | - | 0.0 | - | - | | | | | |
| Westminster (St. James's Park) | | od.e | oe | or.oe | 57 | 50 | 44 | 2 | 0.0 | 78 | 87 | | | | | |
| (Admiralty Arch) | | om.orm | omr.op | omp | 57 | 52 | - | 2 | 0.0 | 85 | 93 | Average Rate. 5.2 Maximum Rate. 2.6 | | Greenwich 5.21 12.2 6.43
Wick 5.18 12.1 6.44
Valencia 5.58 12.42 7.26 | | |
| Camden Sq. (British Rainfall) | | om | o | - | 57 | 48 | 44 | 3 | - | 84 | 92 | | | | | |
| Kensington Palace | | o | o | - | 57 | 46 | 44 | 4 | - | 83 (18h) | 96 | | | | | |
| Hampstead Observatory | | or | or | orm | 53 | 49 | 42 | 3 | 0.0 | - | 93 | | | | | |

SUMMARIES FOR PAST 24 HOURS.

| STATIONS. | WEATHER. | | TEMPERATURE. | | RAINFALL. | | SUN. | |
|----------------------------|----------|-----------|--------------|---------|--------------|-----------------|--------|--------|
| | 7h-13h | 13h-18h | Max. F. | Min. F. | Day, 7h-13h. | Night, 13h-17h. | Hours. | Hours. |
| Eskdalemuir ... | b bc.c.v | cy.v.o | 46 | 26 | 19 | - | 7.3 | |
| Valencia (Cahirciveen) ... | o.or.r | or | 48 | 42 | 42 | 6 | 0.0 | |
| Baldonnel ... | 3.c.o | cd | 43 | 38 | - | - | - | |
| Didsbury ... | or.r.m | rm | 53 | 48 | 45 | 6 | 0.0 | |
| Falmouth ... | omd | o | 56 | 49 | 48 | 1 | 0.3 | |
| Calshot (Hants) ... | op.f.e.m | o.c.bc.op | 54 | 49 | 48 | 1 | 0.2 | |
| Lympne (Folkestone) ... | op.f.e.m | o.c.bc.op | 54 | 49 | 48 | 1 | 0.2 | |
| Aberdeen ... | b.bc.c | bc.c | 47 | 31 | 23 | - | 6.8 | |
| Howden ... | c.pd | omr | 45 | 39 | - | - | - | |
| Cranwell (Lincs) ... | pd.om | rc.pd | 46 | 41 | - | 3 | 0.0 | |
| Felixstowe ... | pd.om | omrr | 52 | 47 | - | - | - | |
| Shoeburyness ... | od.o | o.od | 57 | 47 | 43 | 0.2 | 0.0 | |
| Benson ... | fd | or | 53 | 47 | 45 | 2 | 1 | |
| S. Farnborough ... | omr.pd | or.pd | 56 | 47 | 43 | 2 | 0.0 | |
| London (Kew Obs.) ... | omr.pd | omd | 56 | 49 | 45 | 1 | 0.0 | |
| Croydon ... | omr.pd | ? | 56 | 49 | 45 | 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.
n overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, i.e., rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

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

THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.

Limits of Velocity at about 50 feet above ground.

| No. | Statute miles per hour. | Meters per second. |
|-----|-------------------------|--------------------|
| 0 | Less than 1 | Less than 0.3 |
| 1 | 1-3 | 0.3-1.5 |
| 2 | 4-7 | 1.6-3.5 |
| 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 ☉
Rime ☃ Lunar halo ☾
Glazed frost ☁ Solar corona ☉
Glazed roads ☂ Lunar corona ☾

SOUTH KENSINGTON

(Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.

Total 252 Joules.

Average Rate 5.2 Milliwatts.

Maximum Rate 2.6

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

5th & 10th April, 1920.

| STATIONS. | Sunrise. | Noon. | Sunset. |
|-------------|-------------|--------------|-------------|
| Yarmouth... | G.M.T. 5.10 | G.M.T. 11.58 | G.M.T. 6.39 |
| Greenwich | 5.8 | 11.54 | 6.40 |
| Wick | 5.20 | 12.14 | 7.7 |
| Valencia | 6.0 | 12.43 | 7.25 |

NOTES ON THE WEATHER OF YESTERDAY.

Rain again fell in all districts except the North and North-West, the heaviest falls occurring in the South-West (Roche's Point 13 mm; Ilfracombe 13 mm between 9h and 17h).

Good sunshine records were again obtained in the North and North-West, 9.4 hrs being registered at Malin Head.

Temperature continued low in Scotland, the minimum at Eskdalemuir being 26° and at Nairn 28°.



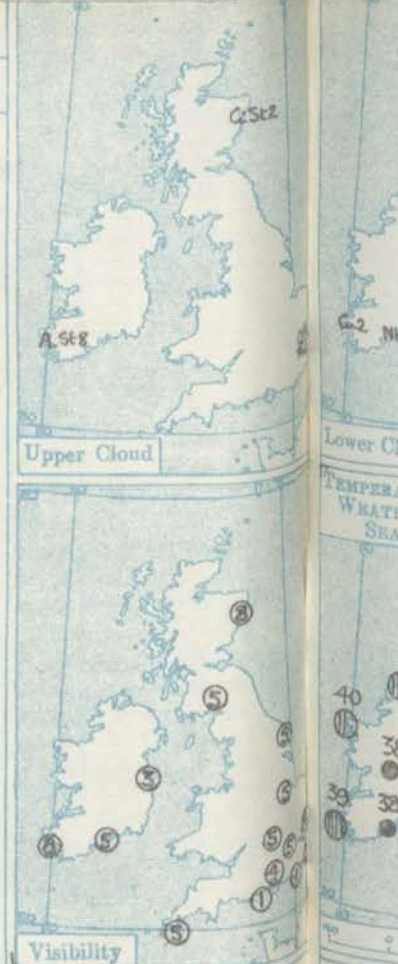
AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE LONDON:
BRITISH SECTION. No. B.21,324. SATURDAY, 10TH APRIL, 1920.

| OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------|-------------|-------|-------------|----------|---------------|--------------------|--------------|----------------------|------------|-------------|--------------|------------|-----------|----------|--------------------------------|-------------|------------|----------|-------------|--------------------------------|-------------|----------------------|------------|--------|--------------|-------|------|------------|------|--|
| 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. mb. | in 3 hours. | Dir. | Force 0-12. | | °F. | | | | Form. | Amt. 0-10. | Form. | Amt. 0-10. | | 0-9. | at M.S.L. mb. | in 3 hours. | Dir. | | Force 0-12. | | | | °F. | Form. | Amt. 0-10. | Form. | | Amt. 0-10. | 0-9. | |
| 13H. G.M.T. 9 TH | | | | | | | | | | | | | | | | 18H. G.M.T. OF 9 TH | | | | | | | | | | | | | | | |
| Eskdalemuir ... | 1001.5 | -1 | ENE | 3 | 02 | 46 | 55 | 7 | - | Cu | 1 | 6.5 | 8 | 10 | 1001.3 | 0 | ENE | 3 | 02 | 44 | 55 | 6 | - | Fra | 1 | 6.5 | 9 | 10 | | | |
| Valencia (Cahire's) | 997.4 | +1 | NE | 6 | 02 | 44 | 87 | 6 | 1-1500 | st. | 7 | A. st. | 3 | 4 | 998.1 | +2 | NE | 5 | 02 | 43 | 92 | 6 | 1-1500 | st. | 6 | A. st. | 4 | 4 | | | |
| Baldonnel ... | 1001.2 | -2 | ENE | 3 | 02 | 43 | 92 | 4 | 2-1000 | st. | 10 | - | - | 1000.9 | -1 | ENE | 4 | 02 | 43 | 92 | 5 | 4-5000 | st. | 8 | A. st. | 2 | - | | | | |
| Didsbury ... | 995.7 | 0 | SE | 3 | om | 54 | 82 | 5 | - | st. | 10 | - | - | 996.9 | +2 | SW | 4 | 02 | 51 | 87 | 2 | - | - | - | - | - | - | | | | |
| Falmouth ... | 997.3 | 0 | SSE | 3 | 0 | 55 | 87 | 7 | 2-3000 | st. | 10 | - | - | 997.4 | +1 | SW | 2 | 02 | 51 | 98 | 2 | 1-1500 | st. | 10 | - | - | 2 | | | | |
| Calshot (Hants) ... | 997.8 | 0 | SSW | 3 | 0 | 52 | 92 | 8 | 2-3000 | st. | 7 | A. st. | 3 | 10 | 997.5 | -1 | SSW | 4 | 02 | 51 | 98 | 6 | 2-1000 | Nb | 10 | - | - | | | | |
| Lymington (Folkestone) ... | 997.8 | 0 | SSW | 3 | 0 | 52 | 92 | 8 | 2-3000 | st. | 7 | A. st. | 3 | 10 | 997.5 | -1 | SSW | 4 | 02 | 51 | 98 | 6 | 2-1000 | Nb | 10 | - | - | | | | |
| Aberdeen ... | 1002.3 | 0 | SE | 1 | CZ | 48 | 55 | 6 | - | Cu | 7 | - | - | 1004.6 | +3 | NE | 3 | C | 39 | 65 | 8 | - | st. | 7 | - | - | 3 | | | | |
| Howden ... | 1000.8 | 0 | ENE | 3 | 02 | 44 | 92 | 4 | 1-1500 | Nb | 10 | - | - | 1000.1 | 0 | ENE | 3 | 02 | 42 | 98 | 3 | 1-1500 | Nb | 10 | - | - | 10 | | | | |
| Cranwell (Lincs) ... | 1000.4 | -1 | ENE | 3 | 02 | 45 | 98 | 5 | 1-1500 | Nb | 10 | - | - | 999.6 | 0 | ENE | 3 | 02 | 45 | 98 | 5 | 1-1500 | Nb | 10 | - | - | 10 | | | | |
| Felixstowe ... | 999.9 | -2 | ENE | 3 | 02 | 50 | 98 | 4 | 1-1500 | st. | 3 | A. st. | 7 | 10 | 999.3 | -1 | S | 2 | om | 51 | 98 | 5 | 2-3000 | st. | 10 | - | - | | | | |
| Shoeburyness ... | 998.7 | -1 | WSW | 1 | C | 60 | 75 | 7 | 3-4000 | st. | 2 | A. st. | 6 | 10 | 999.8 | -1 | - | 0 | 0 | 55 | 82 | 7 | 3-4000 | st. | 6 | A. st. | 4 | 10 | | | |
| Benson ... | 996.6 | -1 | NE | 4 | om | 50 | 92 | 3 | - | st. | 10 | - | - | 10 | 996.7 | -1 | NNE | 1 | 0 | 50 | 98 | 3 | - | Nb | 10 | - | - | | | | |
| S. Farnborough ... | 997.7 | -1 | SW | 3 | om | 57 | 82 | 7 | 1-1500 | Nb | 10 | - | - | 10 | 997.2 | 0 | S | 2 | odm | 53 | 98 | 5 | 1-1000 | Nb | 10 | - | - | | | | |
| London (Kew Obs.) ... | 997.4 | -1 | S | 2 | 0 | 59 | 75 | 8 | 2-3000 | st. | 8 | A. st. | 2 | 10 | 997.0 | 0 | SSE | 1 | odm | 55 | 92 | 4 | 1-1500 | Nb | 9 | A. st. | 1 | 10 | | | |
| Croydon ... | ? | -1 | SSW | 2 | om | 59 | 75 | 6 | 1-1500 | st. | 10 | - | - | 10 | ? | -1 | S | 1 | om | 54 | 98 | 2 | 1-1000 | Nb | 10 | - | - | | | | |
| 1H. G.M.T. OF 10 TH | | | | | | | | | | | | | | | | 7H. G.M.T. OF 10 TH | | | | | | | | | | | | | | | |
| Eskdalemuir ... | 1002.7 | 0 | NE | 3 | om | 36 | 92 | 5 | - | st. | 10 | - | - | 1003.0 | +1 | SE | 3 | 02 | 34 | 92 | 5 | 2-3000 | st. | 10 | - | - | 10 | | | | |
| Valencia (Cahire's) | 1000.6 | +2 | NE | 6 | om | 41 | - | - | - | - | - | - | - | 1001.3 | +2 | NE | 4 | 0 | 30 | 87 | 8 | 1-1500 | Cu | 2 | A. st. | 8 | 3 | | | | |
| Baldonnel ... | 1000.5 | 0 | NNW | 3 | 02 | 30 | 98 | 4 | 2-3000 | st. | 10 | - | - | 1001.4 | +1 | - | 0 | 02 | 30 | 98 | 3 | 2-1000 | st. | 9 | - | - | 10 | | | | |
| Didsbury ... | 999.8 | +1 | SSW | 4 | 0 | 50 | 87 | 5 | - | Nb | 10 | - | - | 1000.5 | +1 | SW | 2 | 01 | 50 | 87 | 5 | - | st. | 10 | - | - | 10 | | | | |
| Falmouth ... | 999.8 | +1 | SSW | 4 | 0 | 51 | 82 | 8 | 1-1500 | st. | 10 | - | - | 1002.1 | +3 | SW | 1 | 01 | 52 | 75 | 1 | 1-1500 | st. | 10 | - | - | 1 | | | | |
| Calshot (Hants) ... | 1000.0 | +4 | WSW | 4 | 0 | 51 | 82 | 8 | 1-1500 | st. | 10 | - | - | 1001.2 | +4 | SSW | 3 | 03 | 47 | 98 | 3 | <500 | st. | 10 | - | - | 10 | | | | |
| Lymington (Folkestone) ... | 1000.0 | +4 | WSW | 4 | 0 | 51 | 82 | 8 | 1-1500 | st. | 10 | - | - | 1001.2 | +4 | SSW | 3 | 03 | 47 | 98 | 3 | <500 | st. | 10 | - | - | 10 | | | | |
| Aberdeen ... | 999.1 | -1 | ENE | 2 | 02 | 42 | 98 | 5 | 1-1500 | Nb | 10 | - | - | 1005.1 | +1 | ENE | 3 | bc | 38 | 65 | 8 | - | st. | 2 | C. st. | 2 | 3 | | | | |
| Howden ... | 999.1 | -1 | ENE | 2 | 02 | 42 | 98 | 5 | 1-1500 | Nb | 10 | - | - | 1000.8 | 0 | NE | 2 | 02 | 41 | 98 | 5 | 1-1500 | Nb | 10 | - | - | 10 | | | | |
| Cranwell (Lincs) ... | 999.1 | -1 | ENE | 2 | 02 | 42 | 98 | 5 | 1-1500 | Nb | 10 | - | - | 1000.9 | +3 | N | 1 | 02 | 42 | 98 | 5 | 1-1500 | st. | 10 | - | - | 10 | | | | |
| Felixstowe ... | 999.1 | -1 | ENE | 2 | 02 | 42 | 98 | 5 | 1-1500 | Nb | 10 | - | - | 1002.4 | +5 | SW | 2 | Cfz | 51 | 87 | 4 | 4-5000 | st. | 2 | C. st. | 6 | 2 | | | | |
| Shoeburyness ... | 999.1 | -1 | ENE | 2 | 02 | 42 | 98 | 5 | 1-1500 | Nb | 10 | - | - | 1002.2 | +3 | SW | 3 | C | 51 | 87 | 7 | 3-4000 | st. | 6 | A. st. | 2 | 10 | | | | |
| Benson ... | 999.1 | -1 | ENE | 2 | 02 | 42 | 98 | 5 | 1-1500 | Nb | 10 | - | - | 1000.1 | +2 | SSW | 2 | 0 | 50 | 92 | 5 | - | Cu | 10 | - | - | 10 | | | | |
| S. Farnborough ... | 999.1 | -1 | ENE | 2 | 02 | 42 | 98 | 5 | 1-1500 | Nb | 10 | - | - | 1001.7 | +3 | SSW | 3 | odm | 50 | 98 | 4 | 1-1500 | Nb | 10 | - | - | 10 | | | | |
| London (Kew Obs.) ... | 999.0 | +1 | S | 2 | 0 | 52 | - | - | - | - | - | - | - | 1001.8 | +3 | SSW | 2 | 02 | 52 | 92 | 5 | 2-3000 | st. | 10 | - | - | 10 | | | | |
| Croydon ... | ? | +1 | SSW | 3 | 0 | 51 | 92 | 6 | 1-1500 | st. | 8 | A. st. | 2 | 10 | ? | +2 | SSW | 2 | 02 | 50 | 98 | 4 | 1-1500 | Nb | 9 | A. st. | 1 | 10 | | | |
| STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STATIONS. | BAROM. | TEMP. | WIND. | | Weather. | BAROMETER. | | TEMPERATURE. | | WIND. | | Weather. | Sea. | Rainfall. | TEMP. | | WEATHER. | | | Sunshine. | | | | | | | | | | | |
| | at M.S.L. mb. | °F. | Dir. | Force 0-12. | | at M.S.L. mb. | Change in 3 hours. | Temp. °F. | Change in 24 hours. | Dir. | Force 0-12. | | | | Max. °F. | Min. °F. | Morning. | Afternoon. | Night. | | Hours. | | | | | | | | | | |
| 18H. G.M.T. OF 9 TH | | | | | | | | | | | | | | | | | | | | | 7H. G.M.T. OF 10 TH | | | | | | | | | | |
| Lerwick ... | 1002.5 | 35 | W | 3 | C | 1004.4 | +1 | 35 | +1 | WNW | 3 | W | bc | 2 | 2 | 40 | 32 | C | C | bc | 5 | | | | | | | | | | |
| Stornoway ... | 1004.3 | 39 | NE | 4 | b | 1004.3 | +2 | 36 | -2 | ENE | 2 | - | bc | 1 | 1 | 42 | 34 | bc | bc | bc | 9.3 | | | | | | | | | | |
| Castlebay (Barras) ... | 1003.6 | 0 | 37 | N | 1003.6 | 0 | 37 | N | 3 | W | bc | 3 | - | 44 | 36 | bc | bc | bc | bc | 11.4 | | | | | | | | | | | |
| Glasgow ... | 1001.7 | 47 | WNW | 1 | CZ | 1003.8 | +1 | 37 | +6 | NE | 3 | - | 0 | - | 50 | 30 | m. cz | bc. cz | bc. om | 7.9 | | | | | | | | | | | |
| Malin Head ... | 1002.0 | 42 | N | 3 | bc | 1002.2 | 0 | 40 | -1 | N | 3 | N | C | 3 | - | 45 | 38 | bc | bc | bc | 6.4 | | | | | | | | | | |
| Blacksod Point ... | 1002.6 | 44 | NNE | 4 | bc | 1003.3 | 0 | 40 | -2 | NNE | 2 | - | bc | 2 | 0.1 | 46 | 35 | bc | bc | bc | - | | | | | | | | | | |
| Roche's Point ... | 998.3 | 45 | ENE | 2 | r | 1000.7 | +1 | 38 | -6 | NNE | 3 | - | 02 | 2 | 2.3 | 47 | 37 | rm | rm | r | - | | | | | | | | | | |
| Birr Castle ... | 1000.1 | 45 | NNE | 1 | r | 1003.9 | - | 38 | -2 | N | 1 | - | r | - | 3 | 46 | 36 | od. r | od. r | od. r | 0.0 | | | | | | | | | | |
| Donaghadee ... | 1002.5 | 44 | NE | 4 | bc | 1002.7 | +2 | 41 | 0 | ENE | 3 | - | om | 3 | - | 46 | 39 | cm. bc | bc | bc. om | - | | | | | | | | | | |
| Liverpool (Bidston) ... | 999.0 | 44 | E | 3 | r | 999.2 | +1 | 40 | 0 | E | 4 | - | om | 3 | 13 | 46 | 40 | od. m | od. r | od. m | 0.0 | | | | | | | | | | |
| Holyhead ... | 998.4 | 44 | NE | 5 | om | 998.0 | +2 | 42 | 0 | ENE | 5 | - | opm | 4 | 18 | 45 | 41 | opm | opm | opm | 0.0 | | | | | | | | | | |
| Pembroke (St. Ann's Head) ... | 996.3 | 50 | NE | 1 | org | 999.6 | +1 | 46 | -1 | NW | 1 | - | ofr | 2 | 15 | 55 | 45 | org | org | ofr | 0.0 | | | | | | | | | | |
| Scilly (St. Mary's) ... | 997.2 | 51 | WSW | 2 | bc | 1000.8 | +1 | 50 | +1 | SSW | 1 | SW | C | 3 | 1 | 53 | 48 | c. opm | ofr. bc | bc. c | 1.8 | | | | | | | | | | |
| Jersey (St. Aubin) ... | 999.3 | 54 | W | 3 | p | 1002.5 | 0 | 52 | -1 | SSW | 2 | - | 0 | 2 | 2 | 53 | 49 | 0 | op | p. b. op. 0 | 0.0 | | | | | | | | | | |
| Portland Bill ... | 997.0 | 49 | WSW | 4 | fc | 1001.0 | +2 | 49 | 0 | WSW | 4 | - | 0 | 4 | 1 | 53 | 42 | 0 | ofe | 0 | - | | | | | | | | | | |
| Dungeness ... | 997.8 | 51 | SSW | 3 | C | 1002.7 | +2 | 50 | | | | | | | | | | | | | | | | | | | | | | | |

SUMMARY OF CONDITIONS AT 7 A.M. G.M.T. Saturday 10th April, 1920.

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



EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of two 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 small circles 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. ▲ hail. ≡ fog. T thunder. R thunder.
SEA DISTURBANCE.— Rough High

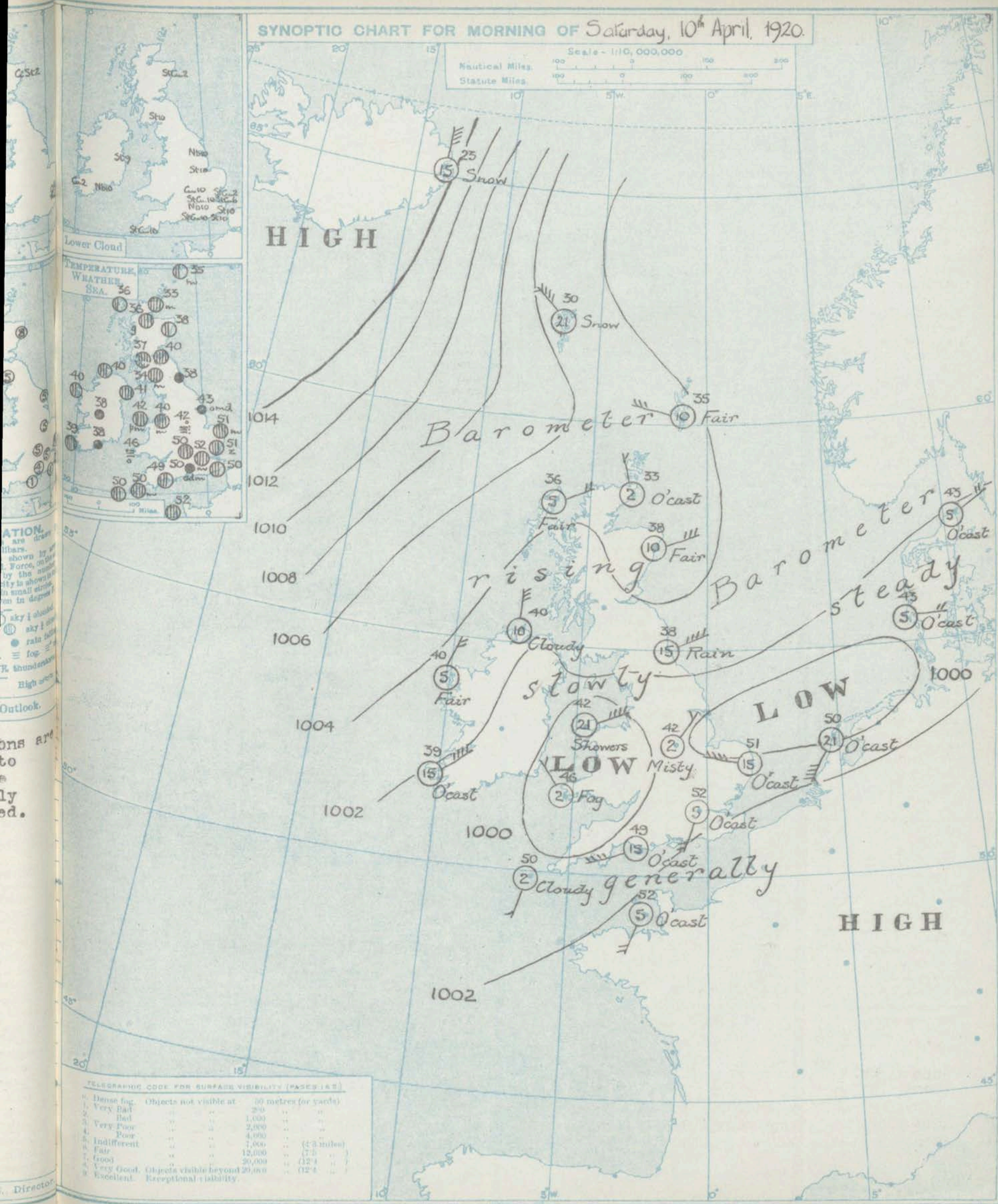
GENERAL INFERENCE from observations received up to 9h. G.M.T.

A low pressure system extends across the Southern half of the British Isles and will cause rain or drizzle in most districts. A temporary improvement will occur in the South of England but the early development of fresh disturbances is probable.

| Districts. | Forecasts for the 24 hours commencing 7h. G.M.T. Saturday 10th April, 1920. | | |
|---------------------------|--|-----------------------|--|
| 1. S.E. England | Light or moderate S.W. wind; variable sky, some showers, fair intervals, visibility fair; moderate temperature. | C
l
c
g
u | |
| 2. E. England | Light variable winds; variable sky, some showers; fair intervals, visibility fair; moderate temperature. | | |
| 3. E. Midlands | | | |
| 4. W. Midlands | | | |
| 5. S.W. England | | | |
| 6. South Wales | Light or moderate S.W. or variable winds; changeable, some showers, mist locally, visibility mainly fair; moderate temp. | | |
| 7. North Wales | Moderate N.E. winds; mainly overcast, some rain or drizzle, and mist, visibility indifferent to fair; cold. | | |
| 8. N.W. England | | | |
| 9. N. Midlands | | | |
| 10. N.E. England | | | |
| 11. E. Scotland | Light or moderate N.E. wind; variable sky, local showers, visibility fair; cold. | | |
| 12. S.W. Scotland | As for 7 - 10. | | |
| 13. Isle of Man | Light or moderate winds between N.W. and N.E.; variable sky, snow showers locally, visibility fair; cold. | | |
| 14. N. & N.W. Scotland | | | |
| 15. Hebrides | | | |
| 16. Orkneys and Shetlands | | | |
| 17. N.W. Ireland | Light or moderate Northerly wind; variable sky, local showers, visibility good; cold. | | |
| 18. N.E. Ireland | Light or moderate Northerly wind; cloudy or overcast, some rain, visibility fair; cold. | | |
| 19. S.E. Ireland | | | |
| 20. S.W. Ireland | | | |

SYNOPTIC CHART FOR MORNING OF Saturday, 10th April, 1920.

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



TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 182)

| | Objects not visible at | 10 metres (or yards) |
|----------------|------------------------|----------------------|
| 1. Dense fog | " | " |
| 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 " |
| 0. Excellent | Exceptional visibility | " |

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 8.191

Saturday,
10th AprilWEATHER, TEMPERATURE RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 9th

| STATIONS. | WEATHER. | | TEMPERATURE. | | RAINFALL. | | SUNSHINE. | | STATIONS. | WEATHER. | | TEMPERATURE. | | RAINFALL. | | SUNSHINE. | |
|---------------------------|-----------|------------|--------------|---------|----------------|--------------|-----------|--------------------|--------------------|-----------|------------|--------------|---------|----------------|--------------|-----------|--------------------|
| | Forenoon. | Afternoon. | Max. F. | Min. F. | Night. 17h-9h. | Day. 9h-17h. | to 17h. | Sunrise to Sunset. | | Forenoon. | Afternoon. | Max. F. | Min. F. | Night. 17h-9h. | Day. 9h-17h. | to 17h. | Sunrise to Sunset. |
| Scotland. | | | | | | | | | Douglas (I.O.M.) | | | | | | | | |
| Oban ... | bc.c | bc.b | 49 | 30 | - | - | 7.4 | 9.3 | Blackpool ... | or | or | 46 | 38 | 5 | 1 | 0.0 | 0.2 |
| Banff ... | b.bc | bc.c | 47 | 31 | - | - | 7.4 | 8.5 | Southport ... | 0 | or | 46 | 38 | 7 | 1 | 0.0 | 0.4 |
| Montrose ... | b | bc | 48 | 30 | - | - | 8.3 | 10.0 | | | | | | | | | |
| St. Andrews ... | - | - | 49 | 29 | - | - | 9.5 | ? | | | | | | | | | |
| England, N.E. | | | | | | | | | England, N.W. | | | | | | | | |
| Harrogate ... | 0 | or | 42 | 33 | 8 | 9.1 | 0.0 | 0.4 | Buxton ... | * | * | 41 | 35 | 9 | 1 | 0.0 | 0.0 |
| Scarborough ... | 0 | or | 45 | 38 | 6 | 1 | 0.0 | 0.6 | Leamington Spa ... | or | or | 48 | 42 | 11 | 8 | 0.0 | 0.0 |
| Skegness ... | or | or | 46 | 43 | 4 | 5 | 0.0 | 0.0 | Malvern ... | m.c | or | 47 | 43 | 7 | 1 | 0.0 | 0.0 |
| Lowestoft ... | om.c | om | 50 | 45 | 4 | 12 | 0.0 | 0.0 | Ross-on-Wye ... | rgmpd | ompgm | 48 | 47 | 4 | 1 | 0.0 | 0.0 |
| Felixstowe ... | ompt | ompt | 52 | 50 | 1 | 5 | 0.2 | 0.0 | Bath ... | * | r.o | 54 | 47 | 5 | 9 | 0.0 | 0.0 |
| Southend-on-Sea ... | opd | 0 | 60 | 49 | 1 | - | 0.3 | 0.0 | Rhyl ... | r.o | pm | 45 | 39 | 7 | 2 | 0.0 | 0.0 |
| England, E. | | | | | | | | | Colwyn Bay ... | * | * | 45 | 40 | 7 | 3 | 0.0 | 0.0 |
| Wales. | | | | | | | | | Llandudno ... | m.c | m.c | 45 | 40 | 6 | 3 | 0.0 | 0.0 |
| Cardiff ... | 0 | or | 59 | 48 | 0.3 | - | 0.0 | 0.0 | Aberystwyth ... | r.o | c.r | 52 | 48 | 9 | 3 | 0.2 | 0.0 |
| Swansea ... | 0 | or | 59 | 51 | 1 | 0.4 | 0.1 | 0.3 | Weymouth ... | 0 | 0 | 54 | 49 | 6 | - | 0.5 | 0.0 |
| England, S.E. | | | | | | | | | Torquay ... | c.b | o.c | 55 | 49 | 4 | 0.1 | 1.5 | 0.4 |
| London (Kew Obs.) ... | 0 | 0 | 55 | 48 | - | - | 0.1 | 0.6 | Paignton ... | bc.o | om | 55 | 47 | 4 | - | 1.3 | 0.6 |
| Portsmouth (S. Thos.) ... | 0 | 0 | 55 | 49 | 2 | - | 0.0 | 1.4 | Penzance ... | c.of | ofr | 56 | 48 | 0.3 | 1 | 0.8 | 0.0 |
| Bournemouth ... | 0 | 0 | 55 | 52 | 2 | 0.2 | 0.0 | 0.1 | Newquay ... | bc.o | o.c.p.o | 58 | 50 | 0.4 | 0.1 | 1.1 | 0.0 |
| Ventnor (I. of W.) ... | 0 | 0 | 55 | 50 | 1 | - | 0.0 | 0.9 | Bude ... | bc.o | o.c.p.o | 58 | 50 | 0.4 | 0.1 | 1.1 | 0.0 |
| | 0 | 0 | 54 | 47 | 1 | 1 | 0.2 | 2.3 | Ilfracombe ... | 0 | 0 | 54 | 49 | 3 | 9 | 0.0 | 0.0 |
| | 0 | 0 | 54 | 47 | 1 | 0.3 | 0.0 | 0.0 | Weston-s-Mare ... | or | or | 54 | 49 | 5 | 7 | 0.0 | 0.2 |
| | 0 | 0 | 56 | 49 | - | - | 0.0 | 0.5 | Tenby ... | or | or | 55 | 50 | 7 | 31 | 0.0 | 0.0 |

SUMMARIES FOR PAST 24 HOURS.

| STATIONS. | WEATHER. | | TEMPERATURE. | | RAINFALL. | | SUN. | |
|----------------------------|----------|---------|--------------|---------|-------------|----------------|-------|-------|
| | 7h-13h | 13h-19h | Max. F. | Min. F. | Day. 7h-13h | Night. 13h-19h | Hours | Hours |
| Eskdalemuir ... | bc.c | bc.c | 48 | 30 | 27 | - | 1 | 7.8 |
| Valencia (Cahirciveen) ... | or | or | 44 | 39 | 36 | 14 | 4 | 0.0 |
| Baldonnel ... | omr | or | 44 | 39 | 36 | - | - | - |
| Didsbury ... | 0 | 0 | 56 | 49 | 48 | 1 | 0.8 | 0.8 |
| Falmouth ... | 0 | 0 | 56 | 49 | 48 | 2 | 2 | 0.2 |
| Calshot (Hants) ... | 0 | 0 | 54 | 46 | 44 | 1 | 0.1 | 0.1 |
| Lympe (Folkestone) ... | 0 | 0 | 54 | 46 | 44 | 1 | 0.1 | 0.1 |
| Aberdeen ... | bc.c | bc.c | 48 | 34 | 27 | 0.2 | - | 4.6 |
| Howden ... | or | or | 45 | 41 | - | - | - | - |
| Cranwell (Lincs) ... | omr | or | 46 | 41 | - | 7 | 5 | 0.0 |
| Felixstowe ... | or | or | 55 | 45 | 4 | 4 | 4 | 4 |
| Shoeburyness ... | or | or | 62 | 46 | 40 | 2 | - | 0.3 |
| Benson ... | or | or | 54 | 47 | 42 | 3 | 0.4 | - |
| S. Farnborough ... | or | or | 59 | 48 | 44 | 1 | 0.1 | 0.1 |
| London (Kew Obs.) ... | or | or | 60 | 50 | 44 | 1 | 0.1 | 0.1 |
| Croydon ... | or | or | 60 | 50 | 44 | 1 | 0.1 | 0.1 |

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

| 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 |
| 1 | 1-3 |
| 2 | 4-7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-73 |
| 12 | Above 73 |
| SYMBOLS— | |
| Aurora | ☉ Solar halo |
| Rime | ☾ Lunar halo |
| Glazed frost | ☼ Solar corona |
| Glazed roads | ☾ Lunar corona |

| LONDON OBSERVATIONS. | | WEATHER. | | TEMPERATURE. | | RAINFALL. | | SUNSHINE. | | HUMIDITY % | | SOUTH KENSINGTON (Meteorological Office). | | TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. | |
|--------------------------------|------------|----------|---------|--------------|------------------|-----------|---------|-----------|--------------|-------------|---|---|-------------------|---|---|
| Morning. | Afternoon. | Night. | Max. F. | Min. F. | Min. on Grass F. | mm. | inches. | Hours. | 15 h. G.M.T. | 9 h. G.M.T. | Vertical Component of Solar Radiation per Square Centimetre during yesterday. | Total ... 32.6 ... Joules. | Average Rate. 6.8 | Maximum Rate. 30 | 10 th & 11 th April 1920. |
| Greenwich (Royal Observatory) | 0 | 0.0p | 62 | 49 | 46 | 1 | 0.0 | 8.8 | 7.8 | 8.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 |
| City (Bunhill Row) | 0 | 0 | 60 | 51 | 46 | 1 | 0.0 | 8.1 | 7.5 | 8.1 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 |
| Westminster (St. James's Park) | 0 | 0 | 60 | 51 | 46 | 1 | 0.0 | 8.1 | 7.5 | 8.1 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 |
| Admiralty Arch | om.c | om.c | 60 | 51 | 46 | 1 | 0.0 | 8.1 | 7.5 | 8.1 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 |
| Camden Sq. (British Rainfall) | 0 | 0.0p | 60 | 49 | 45 | 1 | 0.0 | 8.1 | 7.5 | 8.1 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 |
| Kensington Palace | om.c | om.c | 59 | 49 | 46 | 1 | 0.0 | 8.1 | 7.5 | 8.1 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 |
| Rampstead Observatory | or | or | 57 | 48 | 44 | 1 | 0.0 | 8.1 | 7.5 | 8.1 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 |

NOTES ON THE WEATHER OF YESTERDAY.

Rain was again reported in all except the North and North-West districts, the heaviest falls occurring at Roches Point (23 mm), Holyhead (18 mm), and Yarmouth (16 mm). Sunshine was practically nil over England generally but the Scottish and North Irish stations had good records (St. Andrews 9.5 hrs. Malin Head 6.4 hrs). Temperature failed to reach 50° at most of the Northern Stations, the minimum being 26° at Wick.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.21,325

Sunday, 11th April, 1920.

| OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|--------------------------|-------|----------------|----------|---------------------|--------------------------|---------------------|-------------------------------------|------------|----------------|---------------------------------|------------------------|--------------------------------|-----------------|----------------|-------------|--------------|----------------|---------------------|-------------------------------------|------------|---------------|------|---|--|--|
| STATIONS. | BAROM.
at
M.S.L. | Change
in 3
hours. | WIND. | | Weather. | TEMP.
°F. | HUMIDITY.
% | Visibility.
0-9. | Height
of Low
Cloud.
Feet. | Low Cloud. | Upper Cloud. | Sea | BAROM.
at
M.S.L. | Change
in 3
hours. | WIND. | | Weather. | TEMP.
°F. | HUMIDITY.
% | Visibility.
0-9. | Height
of Low
Cloud.
Feet. | Low Cloud. | Upper Cloud. | Sea | | | |
| | mb. | | Dir. | Force
0-12. | | | | | | Form. | Amt.
0-10. | 0-9. | mb. | | Dir. | Force
0-12. | | | | | | Form. | Amt.
0-10. | 0-9. | | | |
| 13H. G.M.T. OF 10 ^h | | | | | | | | | | | | | | 19H. G.M.T. OF 10 ^h | | | | | | | | | | | | | |
| Eskdalemuir ... | 1004.0 | +1 | ENE | 4 | o | 39 | 75 | 8 | 1½-2000 | st. | 10 | - | 1005.0 | +1 | ENE | 4 | o | 37 | 87 | 8 | 1½-2000 | Nb | 10 | - | - | | |
| Valencia (Cahire'n) | 1001.3 | -2 | ENE | 4 | om | 43 | 75 | 7 | 2-3000 | st. | 6 | A.st | 999.7 | -3 | E | 1 | o | 44 | 82 | 7 | 3-4000 | st. | 3 | A.st | 7 | | |
| Baldonnel ... | 1003.0 | +1 | NE | 2 | o | 42 | 92 | 5 | ½-1000 | st. | 10 | - | 1002.4 | -1 | NE | 2 | om | 43 | 82 | 5 | 1½-2000 | st. | 10 | - | - | | |
| Didsbury ... | 1001.1 | o | SE | 3 | o | 55 | 82 | 7 | - | Cu.Nb | 3 | A.Cu | 1000.9 | o | SSE | 3 | cgm | 52 | 87 | 5 | - | Ma.Cu | 7 | A.Cu | 2 | | |
| Falmouth ... | 1003.1 | o | SSW | 3 | bc | 60 | 75 | 8 | 3-4000 | st. | 10 | - | 1002.6 | o | SE | 1 | o | 54 | 87 | 8 | 2-3000 | st. | 6 | A.st | 4 | | |
| Calshot (Hants) ... | 1002.1 | +1 | SSW | 5 | c | 56 | 82 | 7 | 2-3000 | Cu.Nb | 5 | Cu.st | 1001.8 | o | SW | 3 | o | 52 | 87 | 7 | - | - | A.st | 10 | - | | |
| Lympe (Folkestone) ... | 1002.1 | +1 | SSW | 5 | c | 56 | 82 | 7 | 2-3000 | Cu.Nb | 5 | Cu.st | 1001.8 | o | SW | 3 | o | 52 | 87 | 7 | - | - | A.st | 10 | - | | |
| Aberdeen ... | 1006.9 | +2 | E | 3 | c | 44 | 55 | 8 | - | st. | 8 | - | 1007.9 | +1 | ESE | 3 | bc | 40 | 55 | 8 | - | st. | 4 | - | 3 | | |
| Howden ... | 1002.1 | o | NE | 3 | o | 42 | 98 | 6 | 1-1500 | Cu.Nb | 8 | - | 1002.8 | o | ENE | 3 | o | 42 | 98 | 6 | 1-1500 | Nb | 10 | - | - | | |
| Cranwell (Lines) ... | 1001.9 | +1 | - | o | od | 48 | 92 | 5 | 1½-2000 | Nb | 10 | - | 1002.8 | +1 | ENE | 1 | om | 48 | 98 | 5 | 2-3000 | st. | 10 | - | - | | |
| Felixstowe ... | 1003.8 | o | S | 2 | c | 54 | 82 | 5 | 4-5000 | st. | 7 | - | 1003.5 | o | S | 2 | bc | 52 | 87 | 6 | 3-4000 | st. | 1 | A.st | 5 | | |
| Shoeburyness ... | 1002.8 | o | SSW | 3 | c | 60 | 65 | 8 | 3-4000 | Cu | 4 | A.Cu | 1002.6 | o | SW | 1 | c | 55 | 75 | 7 | 5-7000 | st. | 2 | A.st | 6 | | |
| Benson ... | 1001.6 | o | SSW | 4 | c | 57 | 65 | 8 | - | Cu | 6 | - | 1001.4 | o | SW | 1 | c | 55 | 75 | 7 | - | Cu | 8 | - | - | | |
| S. Farnborough ... | 1002.3 | o | SW | 4 | o | 57 | 75 | 7 | 1-1500 | st. | 10 | - | 1002.2 | o | SW | 3 | o | 57 | 65 | 8 | 2-3000 | st. | 4 | A.st | 5 | | |
| London (Kew Obs.) ... | 1002.4 | o | SW | 4 | o | 57 | 65 | 8 | 5-7000 | Fr.Cu | 10 | - | 1002.3 | o | S | 2 | c | 57 | 75 | 8 | 7-9000 | Fr.Cu | 3 | A.st | 4 | | |
| Croydon ... | ? | o | WSW | 3 | o | 57 | 65 | 8 | 2-3000 | st. | 9 | - | ? | o | SW | 2 | c | 55 | 75 | 8 | 2-3000 | st. | 3 | A.st | 5 | | |
| 1H. G.M.T. OF 11 ^h | | | | | | | | | | | | | | 7H. G.M.T. OF 11 ^h | | | | | | | | | | | | | |
| Eskdalemuir ... | 1004.3 | -3 | ENE | 5 | om | 34 | 87 | 4 | - | st. | 10 | - | 1001.7 | -2 | NE | 3 | o | 35 | 87 | 7 | 2-3000 | st. | 10 | - | - | | |
| Valencia (Cahire'n) | 991.4 | -10 | SE | 4 | bc | 47 | * | * | * | * | * | * | 985.7 | -6 | E | 3 | or | 48 | 82 | 8 | 3-4000 | st. | 8 | A.st | 2 | | |
| Baldonnel ... | 998.8 | -5 | ENE | 3 | om | 42 | 92 | 4 | 1-1500 | st. | 10 | - | 993.7 | -3 | ESE | 4 | or | 44 | 98 | 5 | ½-1000 | st. | 10 | - | - | | |
| Didsbury ... | * | * | * | * | * | * | * | * | * | * | * | * | 991.6 | -8 | SSE | 2 | om | 49 | 92 | 5 | - | st. | 10 | - | - | | |
| Falmouth ... | 995.7 | -4 | S | 2 | o | 50 | 92 | 6 | - | Cu.Nb | 10 | - | 996.7 | -3 | ESE | 3 | o | 50 | 98 | 7 | 1-1500 | st. | 10 | - | 2 | | |
| Calshot (Hants) ... | 1000.6 | -3 | E | 1 | o | 50 | 98 | 4 | 1-1500 | st. | 10 | - | 997.3 | -4 | E | 3 | or | 49 | 98 | 6 | 1½-2000 | Nb | 10 | - | - | | |
| Lympe (Folkestone) ... | * | * | * | * | * | * | * | * | * | * | * | * | 1006.5 | o | E | 4 | o | 40 | 75 | 8 | - | st. | 10 | - | 4 | | |
| Aberdeen ... | 1001.8 | -2 | ENE | 4 | or | 42 | 98 | 2 | 1-1500 | Nb | 10 | - | 999.1 | -1 | ENE | 3 | o | 44 | 98 | 2 | 1½-2000 | st. | 10 | - | - | | |
| Howden ... | 1001.8 | -1 | ENE | 2 | orm | 44 | 98 | 4 | 1-1500 | Nb | 10 | - | 999.4 | -2 | ENE | 2 | o | 44 | 98 | 1 | 1-500 | st. | 10 | - | - | | |
| Cranwell (Lines) ... | * | * | * | * | * | * | * | * | * | * | * | * | 999.8 | -2 | NE | 2 | o | 49 | 98 | 4 | 1-1500 | st. | 10 | - | 3 | | |
| Felixstowe ... | * | * | * | * | * | * | * | * | * | * | * | * | 998.9 | -3 | - | o | or | 50 | 87 | 7 | ½-1000 | Cu.Nb | 9 | - | - | | |
| Shoeburyness ... | * | * | * | * | * | * | * | * | * | * | * | * | 996.5 | -3 | ESE | 3 | om | 49 | 98 | 5 | - | st. | 4 | A.st | 6 | | |
| Benson ... | * | * | * | * | * | * | * | * | * | * | * | * | 997.5 | -2 | E | 3 | or | 54 | 98 | 5 | ½-1000 | Nb | 8 | A.st | 2 | | |
| S. Farnborough ... | 1000.7 | -2 | * | * | * | 50 | * | * | * | * | * | * | 997.7 | -3 | E | 2 | om | 51 | 92 | 4 | 4-5000 | st. | 6 | A.st | 4 | | |
| London (M.O. at 1h) ... | ? | -3 | - | o | om | 50 | 92 | 6 | 1½-2000 | st. | 7 | A.st | ? | -3 | ESE | 1 | or | 50 | 98 | 6 | 1-1000 | Nb | 8 | A.st | 1 | | |
| Croydon ... | ? | -3 | - | o | om | 50 | 92 | 6 | 1½-2000 | st. | 7 | A.st | ? | -3 | ESE | 1 | or | 50 | 98 | 6 | 1-1000 | Nb | 8 | A.st | 1 | | |
| STATIONS CONTRIBUTING REPORTS AT 7H. AND 19H. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STATIONS. | BAROM.
at
M.S.L. | TEMP.
°F. | WIND. | | Weather. | BAROMETER. | | TEMPERATURE. | | WIND. | | Direc.
of
Upper
Cloud. | Weather. | Sea | Rainfall
mm. | TEMP. | | WEATHER. | | | Sunshine
Hours. | | | | | | |
| | mb. | | Dir. | Force
0-12. | | at
M.S.L.
mb. | Change
in
3 hours. | Temp.
°F. | Change
in
¼ hours. | Dir. | Force
0-12. | | | | | Max.
°F. | Min.
°F. | Morning. | Afternoon. | Night. | | | | | | | |
| 19H. G.M.T. OF 10 ^h | | | | | | | | | | | | | | 7H. G.M.T. OF 11 ^h | | | | | | | | | | | | | |
| Lerwick ... | 1006.8 | 39 | NNW | 2 | bc | 1009.5 | o | 39 | +4 | NE | 2 | - | bc | 1 | 1 | 42 | 31 | ems | beps | bc | * | | | | | | |
| Stornoway ... | 1006.8 | 42 | ENE | 3 | bc | 1002.9 | -3 | 39 | - | ENE | 4 | - | bc | 3 | - | 44 | 36 | beps | co | bc | 9.1 | | | | | | |
| Castlebay (Barra Is) ... | 1004.6 | 42 | NNE | 4 | o | 997.9 | -3 | 42 | - | E | 5 | - | o | 5 | - | 43 | 37 | bc | co | opo | 10.0 | | | | | | |
| Glasgow ... | 1005.4 | 40 | E | 3 | o | 1001.7 | -3 | 35 | -2 | ENE | 4 | - | ors | * | 2 | 44 | 34 | ohp.cz | op.og | og.ors | 0.2 | | | | | | |
| Malin Head ... | 1002.5 | 41 | NW | 3 | c | 993.6 | -3 | 41 | +1 | E | 4 | - | omd | 4 | Trace | 44 | 40 | c | c | omd | 5.3 | | | | | | |
| Blacksod Point ... | 1001.8 | 44 | NNE | 3 | bc | 989.4 | -7 | 44 | +4 | ESE | 2 | - | o | 2 | 0.2 | 45 | 35 | bc | bc | bc.op | * | | | | | | |
| Roche's Point ... | 1001.0 | 44 | ESE | 3 | orm | 988.0 | -6 | 48 | +10 | SE | 5 | - | r | 5 | 5 | 48 | 38 | rdm | drn | bm.d | 0.0 | | | | | | |
| Birr Castle ... | 1001.3 | 46 | SE | 1 | m | 990.9 | * | 45 | +7 | SE | 2 | - | o | * | - | 47 | 37 | ze | du.o.oz | o | 0.5 | | | | | | |
| Dunghadree ... | 1003.6 | 43 | E | 4 | cgm | 997.3 | -4 | 44 | +3 | ESE | 4 | - | om | 4 | - | 45 | 36 | om.cm | cqz | om | * | | | | | | |
| Liverpool (Bidston) ... | 1000.9 | 45 | E | 1 | o | 996.5 | -4 | 45 | +5 | ESE | 4 | - | o | 3 | 0.2 | 47 | 40 | om | an | o.cm | 0.0 | | | | | | |
| Holyhead ... | 1001.2 | 43 | ENE | 3 | omg | 997.7 | -3 | 46 | +4 | E | 4 | - | cu | 3 | 0.4 | 46 | 38 | opm | opom | o.c.bmp | 0.0 | | | | | | |
| Pembroke (St. Ann's Head) ... | 1001.3 | 49 | N | 2 | o | 993.0 | -5 | 48 | +2 | E | 3 | - | SE | 3 | 1 | 52 | 45 | of.o | e | c.od.e | 3.0 | | | | | | |
| Scilly (St. Mary's) ... | 1000.7 | 52 | - | o | om | 989.9 | -6 | 49 | -1 | SSE | 4 | - | S | 4 | 0.3 | 56 | 49 | c.be.c | c.omp | op | 3.5 | | | | | | |
| Jersey (St. Aubin) ... | 1001.6 | 55 | S | 3 | o | 995.8 | -2 | 49 | -3 | - | o | - | fe | o | 5 | 58 | 48 | o.b.op | op.c.o | opfe | 1.1 | | | | | | |
| Portland Bill ... | 1003.1 | 50 | SW | 2 | bc | 995.9 | -5 | 49 | o | SE | 4 | - | op | 4 | 1 | 53 | 42 | o.be | bc | cmp | * | | | | | | |
| Dungeness ... | 1003.2 | 52 | SW | 2 | c | 998.3 | -3 | 49 | -1 | ENE | 2 | - | c | 2 | 9 | 55 | 48 | c.be | be.e | cr.or.c | * | | | | | | |
| Wick ... | 1007.7 | 39 | SE | 2 | bc | 1006.0 | o | 39 | +6 | ESE | 3 | - | c | 4 | - | 41 | 32 | om.bc | bc | be.e | * | | | | | | |
| Nairn ... | 1006.1 | 40 | ENE | 1 | c | 1004.8 | * | 35 | -1 | E | 2 | - | cg | 2 | 1 | 42 | 30 | op.c | p.cg | cg | 0.4 | | | | | | |
| Leith ... | 1005.8 | 41 | E | 3 | c | 1002.2 | o | 38 | -2 | E | 4 | - | r | 3 | 3 | 44 | 37 | ep.o.c | c.ou.e | cor | * | | | | | | |
| Tynemouth ... | 1004.9 | 39 | E | 4 | orm | 1002.8 | o | 40 | +2 | ESE | 5 | - | orm | 5 | 12 | 40 | 37 | omr | omr | omr | * | | | | | | |
| Spurn Head ... | 1002.5 | 44 | E | 4 | o | 999.5 | -3 | 45 | +2 | ESE | 5 | - | f | 4 | 3 | 45 | 41 | om | om | om | * | | | | | | |
| Yarmouth (Gorleston) ... | 1002.7 | 53 | SW | 3 | bc | 1000.8 | -1 | 47 | -4 | SE | 3 | - | odf | 3 | 0.2 | 58 | 46 | cm.ban | bcu | bm.w.ou | 4.0 | | | | | | |
| Clacton-on-Sea ... | 1002.6 | 52 | SSE | 2 | c | 998.9 | -2 | 50 | -1 | E | 2 | - | o | 1 | 0.2 | 56 | 49 | c.be.cz | c.be.cz | c.ogu | 3.0 | | | | | | |
| Nottingham ... | 1002.0 | 46 | NE | 1 | om | 998.5 | * | 45 | +3 | E | 2 | - | odm | x | 1 | 49 | 42 | od | om | op | 0.0 | | | | | | |

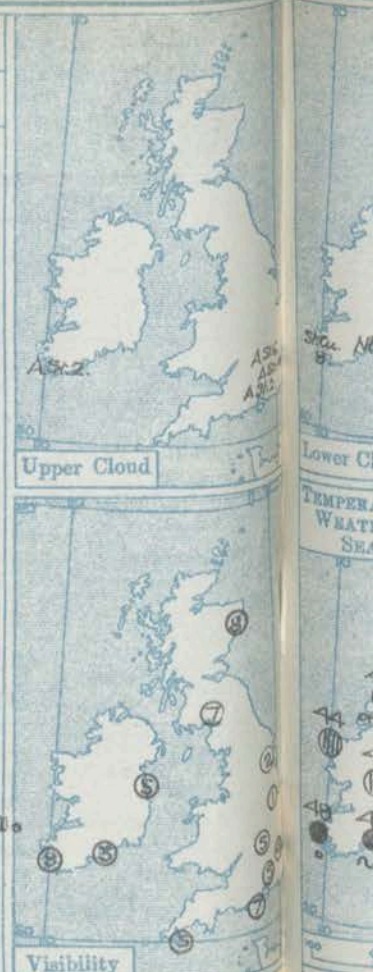
* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

§ Fox code see page 3.

SUMMARY OF CONDITIONS AT 7 A.M. G.M.T. Sunday, 11th April, 1920.

| Districts. | Wind.
Velocity in m.p.h. | Temperature. | Weather, Cloud and Precipitation. | Visibility. | Sea. |
|---------------------------|-----------------------------|--------------|---------------------------------------|-------------|-----------|
| 1. S.E. England | E-SE 5-10 | R.Mild | Dull some mist & rain. | Fair | Smooth |
| 2. E. England | E-SE 5-15 | Med. | Dull, some fog & drizzling rain. | Var. | Slight |
| 3. E. Midlands | E-SE 5-10 | " | Overcast, mist & some drizzling rain. | Indiff. | - |
| 4. W. Midlands | E-SE 5-10 | " | Dull, some mist. | Indiff. | - |
| 5. S.W. England | SE 5-15 | " | Overcast, local showers & (mist). | " | Mod. |
| 6. South Wales | E-SE 10 | " | Cloudy. | " | Slight |
| 7. North Wales | E-SE 15 | " | Dull. | " | " |
| 8. N.W. England | E-SE 15 | " | Overcast. | " | " |
| 9. N. Midlands | E-SE 5-10 | " | Dull, some mist. | " | - |
| 10. N.E. England | ESE 15-20 | " | Dull, some mist, fog & rain. | Bad | Mod. |
| 11. E. Scotland | E 5-15 | R.Cold | Dull, some rain. | Good | Slight |
| 12. S.W. Scotland | E-NE 10-15 | " | Overcast, sleet locally. | " | Mod. |
| 13. Isle of Man | E-SE 15 | Mod. | Overcast. | Fair. | " |
| 14. N. & N.W. Scotland | E 5-15 | R.Cold | Cloudy. | " | Slight |
| 15. Hebrides | - | - | - | - | - |
| 16. Orkneys and Shetlands | NE-E 5-10 | Mod. | Fair. | Fair | V.Smooth. |
| 17. N.W. Ireland | E-SE 5-15 | " | Dull, some mist & drizzle. | Var. | Slight |
| 18. N.E. Ireland | E-SE 15 | " | Dull, some mist. | Indiff. | Mod. |
| 19. S.E. Ireland | E-SE 5-15 | " | Overcast, some rain. | Poor | " |
| 20. S.W. Ireland | E-SE 10-20 | " | Dull, rain. | Var. | " |



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

A new depression which has appeared off our S.E. Coasts will probably move along a course between East and North-East causing generally unsettled weather over the British Isles.

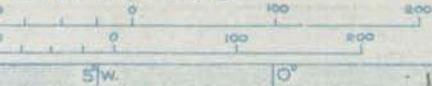
EXPLANATION.
 BAROMETER.—Isobars are drawn at intervals of two millibars.
 WIND.—Direction is shown by a line flying with the wind. Force, on a scale of 0-12, is indicated by the number of feathers. Mean velocity is shown in small circles per hour by figures in small circles.
 TEMPERATURE.—Temperature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

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 11th April, 1920. | Further Outlook. |
|---------------------------|--|---|
| 1. S.E. England | Wind from S.E. or S. fresh to strong; dull, some rain and mist, visibility indifferent; moderate temperature; | Conditions will continue generally unsettled. |
| 2. E. England | | |
| 3. E. Midlands | | |
| 4. W. Midlands | | |
| 5. S.W. England | Wind S.E. veering to S.W., fresh or strong; dull, some rain and mist, visibility indifferent improving later; rather mild. | |
| 6. South Wales | | |
| 7. North Wales | Wind mainly Easterly, fresh or strong; dull, some rain or sleet, visibility poor to indifferent; rather cold. | |
| 8. N.W. England | | |
| 9. N. Midlands | | |
| 10. N.E. England | | |
| 11. E. Scotland | Wind N.E. backing to N., fresh or strong; dull, some rain or sleet, visibility poor to fair; cold. | |
| 12. S.W. Scotland | | |
| 13. Isle of Man | | |
| 14. N. & N.W. Scotland | Wind variable, moderate; changeable, some rain or sleet; visibility fair; cold. | |
| 15. Hebrides | | |
| 16. Orkneys and Shetlands | Wind E. backing to N.; rainy then improving, some mist early, visibility becoming good later; rather cold. | |
| 17. N.W. Ireland | | |
| 18. N.E. Ireland | | |
| 19. S.E. Ireland | | |
| 20. S.W. Ireland | | |

SYNOPTIC CHART FOR MORNING OF Sunday, 11th April, 1920.

Nautical Miles
Statute Miles.

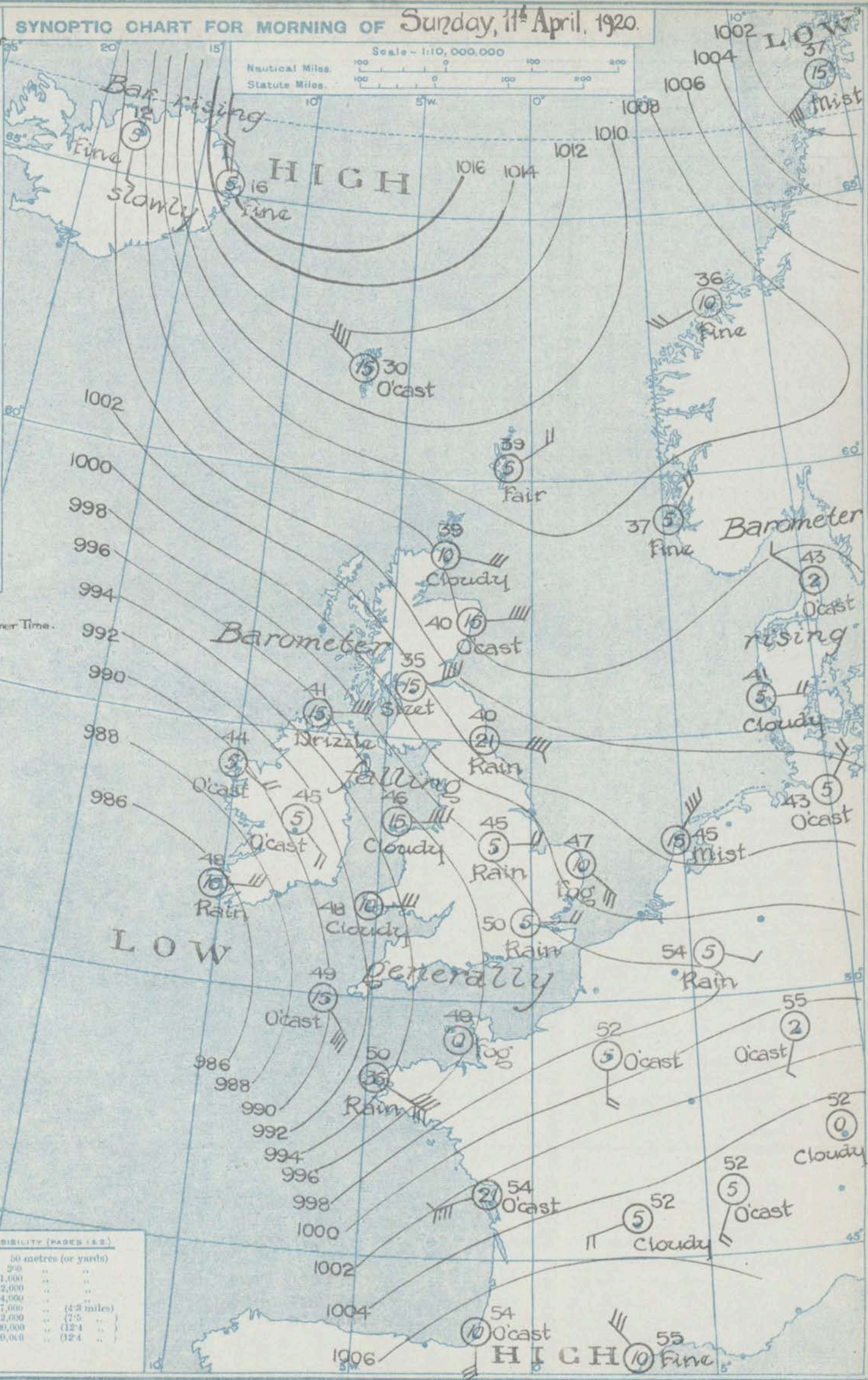
Scale - 1:10,000,000



TEMPERATURE
WEATHER,
SEA.



NOTE: All times are GMT.
Add one hour to get Summer Time.



TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)

| | Dense fog. | Objects not visible at | 50 metres (or yards) |
|----|-------------|-------------------------------|----------------------|
| 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. | " |

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 1102

Sunday
11th April

| WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR | | | | | | | | | | | | | | | | | | | |
|---|----------------------------|-----------|------------|--------------|--------------|--|------------------------------------|----------------------------|--|----------------------|-----------------------|-----------|------------|--------------|--------------|--|------------------------------------|----------------------------|--|
| STATIONS. | | WEATHER. | | TEMPERATURE. | | Rainfall. | | SUNSHINE. | | STATIONS. | | WEATHER. | | TEMPERATURE. | | Rainfall. | | SUNSHINE. | |
| | | Forenoon. | Afternoon. | Max.
° F. | Min.
° F. | Night.
17h-9h.
9 ^h -10 ^h | Day.
9h-17h.
10 ^h | to 17h.
10 ^h | Sunrise
to Sun-
set.
9 ^h | | | Forenoon. | Afternoon. | Max.
° F. | Min.
° F. | Night.
17h-9h.
9 ^h -10 ^h | Day.
9h-17h.
10 ^h | to 17h.
10 ^h | Sunrise
to Sun-
set.
9 ^h |
| Scotland. | Oban | c.o.p. | c.tc | 45 | 37 | - | 3 | 0.1 | 8.7 | England,
N.W. | Douglas (I.O.M.) | | | | | | | | |
| | Banff | c.bc | bc | 44 | 29 | - | - | 2.6 | 7.5 | | Blackpool | | | | | | | | |
| | Montrose | | bc | 44 | 39 | - | - | 7.5 | 8.3 | | Southport | ro | o | 43 | 38 | 13 | 0.1 | 0.0 | 0.0 |
| | St. Andrews | | | | | | | | | | | | | | | | | | |
| England,
N.E. | Harrogate | od | od | 39 | 36 | 13 | 4 | 0.0 | 0.0 | Midlands. | Buxton | c.p.o.c | c.p.m.c. | ? | 41 | 8 | 0.1 | 0.0 | ? |
| | Scarborough | or | or | 43 | 39 | 10 | 2 | 0.0 | 0.0 | | Leamington Spa | - | - | 60 | 43 | 5 | - | 2.3 | 0.0 |
| | Skegness | | | | | | | | | | Malvern | c.p.c | c.op | 57 | 43 | 8 | 1 | 1.5 | 0.0 |
| | | | | | | | | | | | Ross-on-Wye | p.p.c.o | c.bc.o.p.c | 60 | 44 | 9 | 1 | 2.0 | 0.0 |
| England, E. | Lowestoft | | | | | | | | | Wales. | Bath | ac.bc | o.p.c.b-? | 61 | 50 | 4 | 0.3 | 2.1 | 0.0 |
| | Felixstowe | c.g.m | bc | 57 | 51 | - | - | 6.8 | 0.2 | | Rhyl | | | | | | | | |
| | Southend-on-Sea | o.c. | bc | 60 | 48 | - | - | 2.6 | 0.3 | | Colwyn Bay | * | * | | | | | | |
| England, S.E. | Tunbridge Wells | o.a.c | bc | 60 | 47 | 0.3 | - | 3.3 | 0.0 | England, S.W. | Llandudno | mor | mo | 46 | 42 | 18 | 1 | 0.0 | 0.0 |
| | Margate | c.bc | bc | 61 | 48 | 0.2 | - | 2.6 | 0.1 | | Aberystwyth | ro.c | c.c.o | 49 | 46 | 13 | - | 0.2 | ? |
| | Ramsgate | * | * | 55 | 47 | 0.1 | - | 2.9 | 0.1 | | Swansea | | | | | | | | |
| | Folkestone | o | a.c.bc | 58 | 46 | - | - | 4.0 | 0.0 | | Weymouth | | | | | | | | |
| | Hastings | o.bc | b.bc | 57 | 48 | trace | - | 4.7 | 0.0 | Teignmouth | | | | | | | | | |
| | Eastbourne | o | b | 58 | 48 | - | - | 6.1 | 0.0 | Torquay | c.od | ro.bc | 58 | 50 | 0.1 | 0.2 | 3.6 | 1.5 | |
| | Brighton | | | | | | | | | Paignton | op | bc | 61 | 49 | - | - | 3.5 | 1.3 | |
| | Worthing | o.bc | b.bc | 59 | 49 | - | - | 5.4 | 0.0 | Penzance | | | | | | | | | |
| | Littlehampton | o.bc | bc.o | 55 | 48 | 1 | - | 5.9 | 0.2 | Newquay | | | | | | | | | |
| | Portsmouth (S'heca) | * | * | 61 | 49 | 1 | - | 5.2 | 0.0 | Bude | | | | | | | | | |
| | Bournemouth | * | * | 59 | 49 | - | - | 3.5 | 0.0 | Ilfracombe | | | | | | | | | |
| | Ventnor (I. of W.) | * | * | 56 | 47 | 0.3 | - | 3.5 | 0.0 | Weston-s-Mare | | | | | | | | | |
| | | | | | | | | | | Jenby | c.bc | bc | 56 | 50 | 6 | - | 3.6 | 0.0 | |

| STATIONS. | SUMMARIES FOR PAST 24 HOURS. | | | | | | | | | | BEAUFORT NOTATION.
b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist. o overcast sky.
p passing showers.
q squalls. r rain.
rs sleet, i.e., rain and snow together.
s snow. t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew. x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather. | | THE BEAUFORT SCALE OF WIND FORCE.
Used only for surface observations. | | |
|----------------------------|------------------------------|----------|----------|---------|-----------------|-----------------|--------------------|--------------|----------------|-------------|--|--|--|---|--------------------|
| | WEATHER. | | | | Max. Temp. ° F. | Min. Temp. ° F. | Min. on Grass ° F. | RAINFALL. | | Sun. Hours. | | | No. | Limits of Velocity at about 30 feet above ground. | |
| | 7h-13h. | 13h-18h. | 18h-24h. | 1h-7h. | | | | Day. 7h-13h. | Night. 18h-7h. | | | | | Statute miles per hour. | Metres per second. |
| Eskdalemuir | om.o | o.or.o | o.or.o | om.o | 40 | 33 | 30 | 0.1 | 1 | 0.0 | | | | | |
| Valencia (Cahirciveen) ... | oz | ozr | or.o | o | 48 | 37 | 42 | 0.2 | 3 | 0.3 | | | | | |
| Baldonnell | or | cz | cp | og | 45 | - | - | - | - | - | | | | | |
| Didsbury | | | | | | | | | | | | | | | |
| Falmouth | or.o | egp. | cp.bc.o | o.om | 56 | 49 | 43 | 4 | Trace | 1.7 | | | | | |
| Calshot (Hants) | c.o.bc.c | bc.c | c.o.o | om.om | 61 | 37 | 50 | - | - | 5.4 | | | | | |
| Lympne (Folkestone) ... | c.bc.om | c.c.bc | opru | 2 | 57 | 46 | 46 | - | 6 | 3.9 | | | | | |
| Aberdeen | bc.c | c.b.c | bc.c | o.g | 45 | 38 | 33 | - | - | 4.2 | | | | | |
| Howden | rd | or | ro.r | o.b.s | 44 | 41 | - | - | - | - | | | | | |
| Cranwell (Lincs) | mpd. | c.m | omr | rsf.p.d | 51 | 42 | - | Trace | Trace | 0.0 | | | | | |
| Felixstowe | bc.c | bc.c | omr | opd | 59 | 47 | - | - | - | - | | | | | |
| Shoeburyness | c.o.d.c | c.o | c.or | | 62 | 48 | 44 | - | 2 | 2.1 | | | | | |
| Benson | bc | bc.c | c.2 | | 60 | 40 | 33 | - | - | - | | | | | |
| S. Farnborough | d.o.bc.o | c.m.o | c.o.r | om | 62 | 47 | 39 | Trace | 0.4 | 5.1 | | | | | |
| London (Kew Obsy.) ... | om.or | ov.c | bc.omr | | 61 | 49 | 42 | - | 0.1 | 3.2 | | | | | |
| Croydon | om.c.o | c.o | c | omr | - | 48 | - | - | - | - | | | | | |

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

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

| LONDON.
OBSERVATIONS. | WEATHER. | | Night. | Max.
Temp.
° F. | Min.
Temp.
° F. | Min. on
Grass.
° F. | Rain-
fall.
mm. | Sun-
shine to
Sunset.
Hours. | HUMIDITY % | | SOUTH KENSINGTON
(Meteorological Office). | TABLE SHOWING THE GREENWICH TIMES OF
SUNRISE, NOON AND SUNSET FOR STATIONS
IN THE UNITED KINGDOM. | | | | |
|---|----------|------------|-----------|-----------------------|-----------------------|---------------------------|-----------------------|---------------------------------------|-----------------|---|--|---|----------|--------|---------|--|
| | Morning. | Afternoon. | | | | | | | 15 h.
G.M.T. | 9 h.
G.M.T. | | | | | | |
| | | | | | | | | | | | | | | | | |
| 24 HOURS ENDED ON G.M.T. 11 th | | | | | | | | YESTERDAY. | TO-DAY. | Vertical Component
of
Solar Radiation
per Square Centimetre
during yesterday. | 11 th & 12 th April..... 1920. | | | | | |
| | | | | | | | | | | | Total..... Joules. | Stations. | Sunrise. | Noon. | Sunset. | |
| | | | | | | | | | | | Milliwatts. | | | | | |
| | | | | | | | | | | | Average Rate. | | | | | |
| | | | | | | | | | | | Maximum Rate. | | | | | |
| Greenwich (Royal Observatory) | b.be. | b. be | c. o.c.be | 64 | 47 | 42 | 0.3 | 4.4 | 62 | 93 | | Greenwich | G.M.T. | G.M.T. | G.M.T. | |
| City (Bunhill Row) | " | " | " | " | " | " | " | " | " | " | | Yarmouth... | 5.6 | 11.54 | 6.41 | |
| Westminster (St. James's Park) | " | " | " | " | " | " | " | " | " | " | | Greenwich | 5.4 | 11.54 | 6.43 | |
| " (Admiralty Arch) | em.be | c.be | cp | 61 | 51 | " | 1 | 2.4 | 70 | 88 | | Wick ... | 5.16 | 12.1 | 6.46 | |
| Camden Sq. (British Rainfall) | bc.c | c.be | " | 62 | 48 | 43 | 0.3 | " | 61 | 89 | | Valencia ... | 5.14 | 12.13 | 6.48 | |
| Kensington Palace | c | c | " | 62 | 47 | 43 | 0.2 | " | 71 (18h) | 86 | | | 5.14 | 12.13 | 7.11 | |
| Hampstead Observatory ... | " | " | " | 60 | 48 | 45 | Trace | 4.2 | " | 92 | | | 5.11 | 12.13 | 7.14 | |

NOTES ON THE WEATHER OF YESTERDAY.

Except in parts of Ireland rain in small or moderate amounts fell very generally, the heaviest falls occurring in the North of England (Tynemouth 12 mm). In the South of England conditions showed an improvement, many stations recording from 4 to 6 hours of sunshine.

Temperature remained low over the Northern half of the British Isles, minima again being below 32° at some Scottish stations. Snow fell at Lerwick, Glasgow and Eskdalemuir. In the South temperature rose to above 60° at many stations and reached 64° at Greenwich.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B21,326

... MONDAY, 12TH APRIL, 1920.

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

| STATIONS. | BAROM.
at
M.S.L.
mb. | Change
in 3
hours. | WIND. | | WEATHER. | TEMP.
°F. | Humidity.
% | Visibility
0-9. | Height
of Low
Cloud.
Feet. | Low Cloud.
Form. | Upper Cloud.
Form. | Sea
0-9. | BAROM.
at
M.S.L.
mb. | Change
in 3
hours. | WIND. | | TEMP.
°F. | Humidity.
% | Visibility
0-9. | Height
of Low
Cloud.
Feet. | Low Cloud.
Form. | Upper Cloud.
Form. | Sea
0-9. | | | | |
|---|-------------------------------|--------------------------|--------|----------------|----------|-----------------------------------|------------------------------|---------------------------|-------------------------------------|---------------------|-----------------------|-------------|-------------------------------|--------------------------|-------------|----------------|--------------|----------------|--------------------|-------------------------------------|---------------------|-----------------------|-------------|------|------|---|---|
| | | | Direc. | Force
0-12. | | | | | | | | | | | Direc. | Force
0-12. | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13H. G.M.T. 11 TH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eskdalemuir ... | 993.1 | -3 | ENE | 5 | 0 | 40 | 92 | 7 | 2-3000 | St | 10 | - | 996.9 | -3 | ENE | 6 | 0 | 39 | 92 | 7 | 1-1500 | Nb | 10 | - | - | * | |
| Valencia (Cahire'n) | 983.1 | -3 | ESE | 5 | 0 | 50 | 82 | 8 | 2-3000 | St | 10 | - | 981.8 | -2 | S | 3 | c | 52 | 82 | 8 | 2-3000 | Cu | 7 | Cu | 1 | 3 | |
| Baldonnel ... | 991.3 | -4 | E | 4 | 0 | 48 | 98 | 5 | 1-1000 | St | 10 | - | 988.1 | -2 | WNW | 4 | Cz | 50 | 87 | 6 | 1-1500 | St | 8 | - | - | * | |
| 18H. G.M.T. OF 11 TH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Didsbury ... | 988.8 | -2 | SSW | 6 | 0 | 47 | 98 | 7 | - | Cu-Nb | 10 | - | 992.1 | +3 | SW | 7 | cp | 51 | 75 | 3 | - | Cu-Nb | 7 | Cu | 1 | * | |
| Falmouth ... | 994.4 | -2 | SSW | 5 | 0 | 51 | 87 | 8 | 1-1500 | St | 10 | - | 995.2 | +2 | SSW | 5 | c | 51 | 87 | 8 | 1-1500 | St | 6 | Cu | 1 | 3 | |
| Calshot (Hants) ... | 995.3 | -2 | ESE | 4 | 0 | 55 | 82 | 6 | 1-2000 | St | 1 | A-Cu | 7 | 995.0 | 0 | WSW | 2 | c | 49 | 92 | 7 | 1-1500 | Nb | 5 | A-St | 2 | * |
| Lymington (Folkestone) ... | 995.3 | -2 | ESE | 4 | 0 | 55 | 82 | 6 | 1-2000 | St | 1 | A-Cu | 7 | 995.0 | 0 | WSW | 2 | c | 49 | 92 | 7 | 1-1500 | Nb | 5 | A-St | 2 | * |
| 1H. G.M.T. OF 12 TH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aberdeen ... | 1004.7 | -1 | ESE | 4 | 0 | 43 | 75 | 8 | - | St | 10 | - | 1003.2 | -1 | ESE | 4 | 0 | 41 | 87 | 8 | - | St | 10 | - | - | 4 | |
| Howden ... | 999.6 | -1 | ENE | 4 | 0 | 47 | 98 | 2 | 1-1500 | St | 10 | - | 995.7 | 0 | E | 4 | om | 45 | 98 | 4 | 1-1500 | Nb | 10 | - | - | * | |
| Cranwell (Lines) ... | 996.7 | -4 | ESE | 4 | 0 | 48 | 98 | 5 | 1-1000 | Nb | 10 | - | 995.9 | 0 | E | ? | ? | 98 | 5 | 1-1000 | Nb | 10 | - | - | 2 | | |
| Felixstowe ... | 996.6 | -3 | ESE | 3 | 0 | 52 | 87 | 6 | 2-4000 | Nb | 6 | A-St | 3 | 996.2 | 0 | - | 0 | 49 | 92 | 7 | 2-3000 | Cu-Nb | 5 | A-St | 3 | * | |
| Shoeburyness ... | 993.6 | -3 | SE | 4 | 0 | 57 | 92 | 7 | - | St | 10 | - | 993.6 | +1 | S | 3 | c | 51 | - | - | Cu | 3 | Cu | 3 | * | | |
| Benson ... | 994.6 | -3 | SSE | 3 | 0 | 52 | 98 | 6 | 1-1000 | Nb | 10 | - | 994.9 | +1 | S | 3 | 0 | 51 | 87 | 7 | 1-1500 | Nb | 5 | Cu | 4 | * | |
| S. Farnborough ... | 994.4 | -4 | ESE | 4 | 0 | 57 | 75 | 8 | 2-3000 | Nb | 8 | A-St | 2 | 995.4 | +2 | S | 2 | 0 | 52 | 82 | 6 | 1-1500 | Fr | 7 | A-St | 2 | * |
| London (Kew Obs.) ... | 994.4 | -4 | ESE | 4 | 0 | 57 | 75 | 8 | 2-3000 | Nb | 8 | A-St | 2 | 995.4 | +2 | S | 2 | 0 | 52 | 82 | 6 | 1-1500 | Fr | 7 | A-St | 2 | * |
| Croydon ... | 994.4 | -4 | ESE | 4 | 0 | 57 | 75 | 8 | 2-3000 | Nb | 8 | A-St | 2 | 995.4 | +2 | S | 2 | 0 | 52 | 82 | 6 | 1-1500 | Fr | 7 | A-St | 2 | * |
| 7H. G.M.T. OF 12 TH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eskdalemuir ... | 995.4 | -3 | ENE | 4 | 0 | 40 | 98 | 6 | - | St | 10 | - | 992.8 | -1 | ENE | 5 | 0 | 41 | 92 | 6 | 1-1500 | St | 10 | - | - | * | |
| Valencia (Cahire'n) | 968.3 | -20 | SSE | 7 | om | 48 | * | * | * | * | * | * | 965.0 | -1 | SE | 6 | 0 | 49 | 75 | 6 | 2-3000 | St | 9 | Cu | 1 | 4 | |
| Baldonnel ... | 985.1 | -5 | ? | ? | bc | 46 | 92 | 5 | 1-1500 | St | 5 | - | 981.6 | -2 | ESE | 5 | 0 | 48 | 92 | 5 | 1-1500 | St | 9 | - | - | * | |
| Didsbury ... | 985.6 | -8 | SE | 7 | 2 | 49 | 92 | 1 | - | Nb | 10 | - | 982.5 | -3 | S | 5 | c | 50 | 87 | 6 | - | St | 7 | - | - | * | |
| Falmouth ... | 994.6 | -3 | SSE | 4 | om | 49 | 92 | 6 | 1-1500 | St | 8 | - | 989.9 | -6 | SSE | 6 | om | 49 | 92 | 5 | 1-1500 | Nb | 10 | - | - | 5 | |
| Calshot (Hants) ... | 994.6 | -3 | SSE | 4 | om | 49 | 92 | 6 | 1-1500 | St | 8 | - | 993.8 | -2 | SSE | 5 | 0 | 46 | 98 | 5 | 1-1000 | Nb | 10 | - | - | * | |
| Lymington (Folkestone) ... | 994.6 | -3 | SSE | 4 | om | 49 | 92 | 6 | 1-1500 | St | 8 | - | 993.8 | -2 | SSE | 5 | 0 | 46 | 98 | 5 | 1-1000 | Nb | 10 | - | - | * | |
| Aberdeen ... | 994.9 | -1 | ESE | 3 | 0 | 45 | 98 | 5 | 2-3000 | Nb | 10 | - | 998.7 | -1 | SE | 4 | 0 | 42 | 87 | 8 | - | St | 10 | - | - | 4 | |
| Howden ... | 994.9 | -1 | ESE | 3 | 0 | 45 | 98 | 5 | 2-3000 | Nb | 10 | - | 992.7 | -1 | E | 5 | om | 44 | 98 | 5 | 1-1500 | Nb | 8 | - | - | * | |
| Cranwell (Lines) ... | 994.9 | -1 | ESE | 3 | 0 | 45 | 98 | 5 | 2-3000 | Nb | 10 | - | 992.8 | -2 | SSE | 3 | om | 46 | 98 | 5 | 2-3000 | St | 8 | A-Cu | 1 | * | |
| Felixstowe ... | 996.1 | -2 | S | 4 | c | 49 | 92 | 4 | 4-5000 | St | 7 | - | 996.1 | -2 | S | 4 | c | 49 | 92 | 4 | 4-5000 | St | 7 | - | - | 3 | |
| Shoeburyness ... | 994.1 | -2 | S | 3 | od | 48 | 87 | 7 | 1-1500 | St | 10 | - | 994.1 | -2 | S | 3 | od | 48 | 87 | 7 | 1-1500 | St | 10 | - | - | * | |
| Benson ... | 990.0 | -3 | SE | 5 | od | 47 | 92 | 4 | - | Nb | 10 | - | 990.0 | -3 | SE | 5 | od | 47 | 92 | 4 | - | Nb | 10 | - | - | * | |
| S. Farnborough ... | 991.3 | -4 | SSE | 5 | om | 47 | 98 | 5 | 1-1000 | Nb | 10 | - | 991.3 | -4 | SSE | 5 | om | 47 | 98 | 5 | 1-1000 | Nb | 10 | - | - | * | |
| London (Kew Obs.) ... | 992.2 | -4 | SE | 3 | om | 49 | 87 | 5 | 2-3000 | St | 9 | A-St | 1 | 992.2 | -4 | SE | 3 | om | 49 | 87 | 5 | 2-3000 | St | 9 | A-St | 1 | * |
| Croydon ... | 993.2 | -3 | SSE | 4 | od | 47 | 98 | 6 | 1-1000 | Nb | 6 | A-St | 4 | 993.2 | -3 | SSE | 4 | od | 47 | 98 | 6 | 1-1000 | Nb | 6 | A-St | 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. | CHANGE
in
24 hours. | WIND. | | WEATHER. | SEA
0-9. | RAINFALL
mm. | TEMP. | | WEATHER. | | | SUNSHINE
Hours. | | | | | | | | |
| | | | Direc. | Force
0-12. | | | | | Direc. | Force
0-12. | | | | Max.
°F. | Min.
°F. | Morning. | Afternoon. | Night. | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18H. G.M.T. OF 11 TH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lerwick ... | 1008.5 | 41 | E | 3 | bc | 1004.0 | -3 | 42 | +3 | E | 4 | E | bc | 2 | 43 | 37 | bc | bc | bc | * | | | | | | | |
| Stornoway ... | 997.8 | 44 | ESE | 5 | C | 994.0 | 0 | 42 | ? | E | 6 | - | 0 | 5 | 46 | 39 | bc | bc | c.o.g. | 7.4 | | | | | | | |
| Castlebay (Harris) ... | 993.6 | 47 | NE | 5 | 0 | 988.5 | 4 | 46 | E | 5 | - | 0 | 4 | 48 | 41 | 0 | 0 | 0 | 0.9 | | | | | | | | |
| Glasgow ... | 997.9 | 39 | ENE | 5 | 0 | 992.4 | -1 | 41 | +6 | ENE | 3 | - | 0 | 3 | 41 | 34 | 0 | 0 | 0.9 | | | | | | | | |
| Main Head ... | 987.8 | 45 | E | 4 | om | 980.5 | -3 | 46 | +5 | ESE | 5 | E | om | 5 | 46 | 41 | om | om | om | 0.3 | | | | | | | |
| Blackod Point ... | 984.2 | 51 | ESE | 3 | c | 973.1 | -3 | 49 | +5 | ESE | 4 | - | c | 4 | 52 | 41 | c | cp | c.o.beg | * | | | | | | | |
| Roche's Point ... | 984.7 | 50 | SW | 5 | 0 | 973.7 | -1 | 49 | +1 | SE | 7 | - | 0 | 6 | 51 | 47 | r.o | o.p.e | bc.om | * | | | | | | | |
| Birr Castle ... | 984.7 | 50 | S | 3 | c | 975.6 | * | 50 | +5 | SE | 4 | - | c | * | 53 | 45 | od.c | o.c | cp | 0.8 | | | | | | | |
| Donaghadee ... | 992.2 | 46 | ESE | 5 | om | 987.4 | -1 | 46 | +2 | SE | 7 | - | om | 6 | 47 | 42 | cp | cp | om | * | | | | | | | |
| Liverpool (Bidston) ... | 991.7 | 53 | E | 5 | 0 | 988.1 | -2 | 46 | +1 | ESE | 5 | - | od | 4 | 55 | 45 | c.op | c.o | c.op | 0.5 | | | | | | | |
| Holyhead ... | 989.5 | 52 | SE | 4 | cu | 983.9 | -2 | 47 | +1 | ESE | 6 | S | op | 4 | 53 | 45 | bc.c.or | bc.c | c.b.c.p | 2.7 | | | | | | | |
| Pembroke (St. Ann's Head) ... | 989.9 | 48 | SSE | 4 | om | 983.0 | -2 | 49 | +1 | SE | 4 | S | c | 5 | 51 | 46 | c | pe | op.c.br | 3.0 | | | | | | | |
| Scilly (St. Mary's) ... | 991.2 | 50 | SW | 4 | bc | 980.0 | -2 | 50 | +1 | SSE | 5 | S | bc | 6 | 52 | 48 | opmr | orm.bc | bc | 2.0 | | | | | | | |
| Jersey (St. Aubin) ... | 997.2 | 51 | SW | 4 | bc | 988.1 | -4 | 50 | +1 | SSE | 5 | - | 0 | 5 | 57 | 47 | fe.op | b.b.p | b.o.n | 2.8 | | | | | | | |
| Portland Bill ... | 993.9 | 48 | SW | 6 | op | 987.7 | -4 | 49 | 0 | SSE | 7 | - | op | 7 | 52 | 41 | o.c.p | c.op | o.c.p | * | | | | | | | |
| Danegness ... | 996.2 | 50 | SW | 2 | bc | 994.0 | -1 | 48 | -1 | SW | 4 | - | r | 4 | 55 | 46 | cp.c | c.o.e | c.c.or | * | | | | | | | |
| Wick ... | 1002.9 | 41 | ESE | 4 | c | 998.6 | -3 | 43 | +4 | E | 3 | - | em | 4 | 43 | 36 | c | c | c.o.m | * | | | | | | | |
| Nairn ... | 1000.2 | 41 | E | 4 | 0 | 996.1 | * | 41 | +6 | E | 2 | - | bc | 2 | 47 | 34 | c.g | c.g.o | o.g.e | 1.4 | | | | | | | |
| Leith ... | 999.9 | 41 | E | 3 | 0 | 993.9 | -1 | 42 | +4 | E | 3 | - | 0 | 3 | 43 | 38 | cp | 0 | o.r.o | * | | | | | | | |
| Lynmouth ... | 998.5 | 42 | SE | 4 | om | 994.6 | -1 | 42 | +2 | SE | 4 | - | om | 5 | 42 | 39 | om | om | om | * | | | | | | | |
| Spurn Head ... | 996.6 | 45 | ESE | 5 | om | 993.0 | -2 | 45 | 0 | ESE | 6 | - | om | 6 | 45 | 42 | fe | om | 0 | * | | | | | | | |
| Yarmouth (Gorleston) ... | 997.7 | 46 | ESE | 3 | c | 996.1 | -3 | 47 | 0 | SW | 3 | - | em | 3 | 47 | 45 | od.f | omd.cv | c.o.c | 0.0 | | | | | | | |
| Clacton-on-Sea ... | 996.1 | 49 | ENE | 4 | 0 | 994.7 | -1 | 49 | -1 | SSE | 4 | - | c | 3 | 53 | 47 | op | op | o.r.b | 0.2 | | | | | | | |
| Nottingham ... | 994.5 | 50 | E | 4 | or | 991.9 | * | 47 | +2 | ESE | 3 | SE | 0 | * | 54 | 44 | o.c.p | op | or | 0.0 | | | | | | | |

* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

§ For code see page 3.

SUMMARY OF CONDITIONS AT 7 A.M. Monday 12th April, 1920.

| Districts. | Wind.
Velocity in m.p.h. | Temperature. | Weather, Cloud and Precipitation. | Visibility. | Sea. |
|---------------------------|-----------------------------|--------------|-----------------------------------|-------------|---------|
| 1. S.E. England | SSE'ly 10-30 | R.Mild | Dull; mist & rain. | Indif. | Mod. |
| 2. E. England | SE-S 10-15. | R.Mild | Dull to cloudy; mist and drizzle. | " | Slight |
| 3. E. Midlands | SE'ly 10-20. | Mild. | Dull, misty. | " | -- |
| 4. W. Midlands | SE'ly 10-20 | R.Mild | Dull. | " | -- |
| 5. S.W. England | S'ly 20-35 | R.Mild | Fair to dull; squally, some rain. | Fair | Rough |
| 6. South Wales | SE'ly 15-20 | Mild | Cloudy. | " | R.Rough |
| 7. North Wales | SE'ly 20-30 | Normal. | Dull; showery. | " | Mod. |
| 8. N.W. England | E'ly 15-20. | R.Mild. | Dull, some drizzle. | Indif | Mod |
| 9. N. Midlands | SE-E 10-20 | " | Dull. | " | -- |
| 10. N.E. England | SE-E 15-30 | Normal. | Dull, misty. | " | R.Rough |
| 11. E. Scotland | SE-E 10-15 | " | Fair to dull. | V.good | Mod. |
| 12. S.W. Scotland | E'ly 10-20 | " | Dull. | Fair. | Rough |
| 13. Isle of Man | SE'ly 30. | " | Dull; squally. | Indif. | Rough |
| 14. N.&N.W.Scot-land | E'ly 15-20 | " | Dull, some mist. | " | Mod. |
| 15. Hebrides | E'ly 20-30 | " | Dull; squally. | Fair. | R.Rough |
| 16. Orkneys and Shetlands | E'ly 10-15 | Normal | Fair. | " | Smooth |
| 17. N.W. Ireland | SE'ly 15-20 | R.Mild | Cloudy; squally. | Indif. | Mod. |
| 18. N.E. Ireland | SE-E 20-35 | " | Dull, misty, squally. | " | R.Rough |
| 19. S.E. Ireland | SE'ly 20-35 | Mild | Dull; some drizzle. | Poor | " |
| 20. S.W. Ireland | SE'ly 30-35 | R.Mild | Dull, showery. | Fair | " |



EXPLANATION.
 BAROMETER.—Isobars are intervals of two millibars.
 WIND.—Direction is shown by flying with the wind. Force is shown by the number of feathers. Mean velocity is shown per hour by figures in small circles.
 TEMPERATURE.—Isobars are intervals of two millibars.
 WEATHER SYMBOLS.—
 ☉ clear sky. ☁ sky & cloud. ☂ sky & rain. ☄ overcast sky. ☂ rain & hail. * snow. △ hail. ≡ fog. T thunder. F. thunder & rain.
 SEA DISTURBANCE.—
 ~~~~~ Rough. ~~~~~ High.

GENERAL INFERENCE from observations received up to 9h. G.M.T. Monday 11 Apr. 1920.

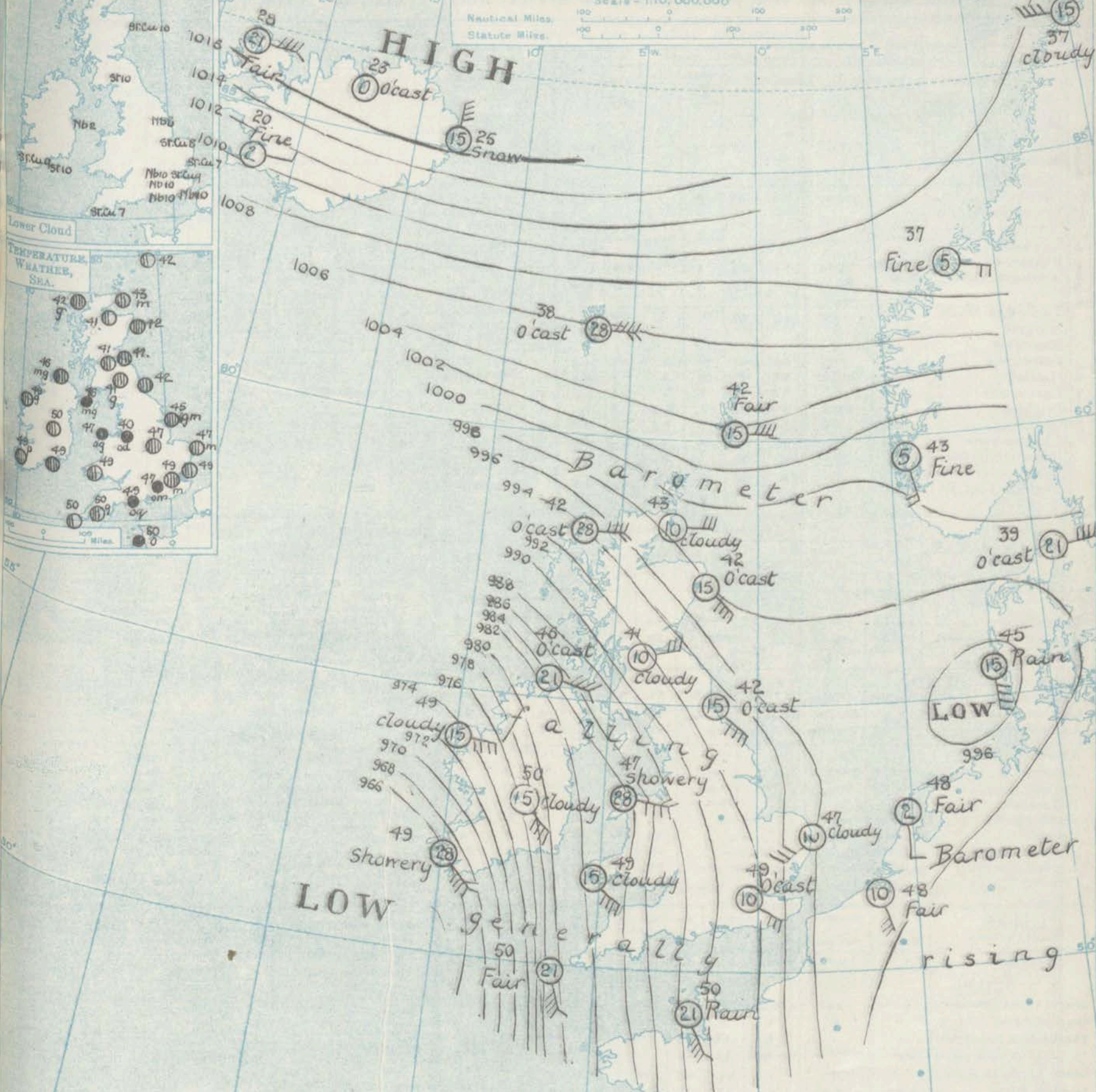
A very deep depression off SW Ireland is practically stationary, and will cause strong S to SE winds generally, which will reach gale force at times in the west. The weather will be mainly dull to rainy. Unsettled conditions are likely to last for at least two days.

| Districts.                                                                                                                                                                                                   | Forecasts for the 24 hours commencing 3 p.m. Monday, 12 <sup>th</sup> APRIL, 1920.                                                   | Further Outlook.             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands<br>4. W. Midlands<br>5. S.W. England<br>6. South Wales<br>7. North Wales<br>8. N.W. England<br>9. N. Midlands<br>10. N.E. England                         | Strong SE to S wind, a gale at times locally; Dull, clouds low, rain at times; visibility mainly below normal; moderate temperature. | Unsettled for least two days |
| 11. E. Scotland<br>12. S.W. Scotland<br>13. Isle of Man<br>14. N.&N.W.Scot-land<br>15. Hebrides<br>16. Orkneys and Shetlands<br>17. N.W. Ireland<br>18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | Strong SE to E wind, a gale at times locally; Dull to rainy, clouds low, visibility poor to indifferent; rather cold.                |                              |
|                                                                                                                                                                                                              | Wind SE, strong to a gale; Dull to rainy, clouds low; visibility mainly below the normal; moderate temperature.                      | South Cone flying            |



# SYNOPTIC CHART FOR MORNING OF MONDAY 12<sup>th</sup> APRIL 1920

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



Note: All times are G.M.T. Add 1 hour to get Summer Time.

## TELEGRAPHIC CODE FOR SURFACE VISIBILITY (BASED I.C.E.)

| 1. Dense fog   | Objects not visible at        | 50 metres (or yards) |
|----------------|-------------------------------|----------------------|
| 2. Very 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        |                      |



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 103.

Monday  
12<sup>th</sup> APRILWEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 11<sup>th</sup> APRIL.

| WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 11 <sup>th</sup> APRIL. |                                         |           |            |              |             |                                                         |                                                       |                                               |                                                                  |                      |                       |                 |           |            |              |             |                                                         |                                                       |                                               |                                                                  |
|-------------------------------------------------------------------------------------------|-----------------------------------------|-----------|------------|--------------|-------------|---------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------|----------------------|-----------------------|-----------------|-----------|------------|--------------|-------------|---------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------|
| STATIONS.                                                                                 |                                         | WEATHER.  |            | TEMPERATURE. |             | Rainfall.                                               |                                                       | SUNSHINE.                                     |                                                                  |                      | STATIONS.             |                 | WEATHER.  |            | TEMPERATURE. |             | Rainfall.                                               |                                                       | SUNSHINE.                                     |                                                                  |
|                                                                                           |                                         | Forenoon. | Afternoon. | Max.<br>°F.  | Min.<br>°F. | Night.<br>17h-9h.<br>10 <sup>h</sup> -11 <sup>h</sup> . | Day.<br>9h-17h.<br>11 <sup>h</sup> -11 <sup>h</sup> . | to 17h.<br>11 <sup>h</sup> -11 <sup>h</sup> . | Sunrise<br>to Sun-<br>set.<br>10 <sup>h</sup> -10 <sup>h</sup> . |                      |                       |                 | Forenoon. | Afternoon. | Max.<br>°F.  | Min.<br>°F. | Night.<br>17h-9h.<br>10 <sup>h</sup> -11 <sup>h</sup> . | Day.<br>9h-17h.<br>11 <sup>h</sup> -11 <sup>h</sup> . | to 17h.<br>11 <sup>h</sup> -11 <sup>h</sup> . | Sunrise<br>to Sun-<br>set.<br>10 <sup>h</sup> -10 <sup>h</sup> . |
| Scotland.                                                                                 | Oban ... ..                             |           |            |              |             |                                                         |                                                       |                                               |                                                                  | England,<br>N.W.     | Douglas (I.O.M.)      |                 |           |            |              |             |                                                         |                                                       |                                               |                                                                  |
|                                                                                           | Banff ... ..                            | c         | bc.e       | 46           | 39          | -                                                       | -                                                     | 2.9                                           | 3.0                                                              |                      | Blackpool ... ..      |                 |           |            |              |             |                                                         |                                                       |                                               |                                                                  |
|                                                                                           | Montrose ... ..                         |           |            |              |             |                                                         |                                                       |                                               |                                                                  |                      | Southport ... ..      | bc.e.o          | o.c.be    | 55         | 41           | -           | -                                                       | 1.7                                                   | 0.1                                           |                                                                  |
|                                                                                           | St. Andrews ... ..                      |           |            |              |             |                                                         |                                                       |                                               |                                                                  |                      |                       |                 |           |            |              |             |                                                         |                                                       |                                               |                                                                  |
| England,<br>N.E.                                                                          | Harrogate ... ..                        | od        | od.or      | 45           | 38          | 9                                                       | 1                                                     | 0.0                                           | 0.0                                                              | Midlands.            | Buxton ... ..         | *               | *         | 55         | 38           | 0.4         | 3                                                       | 0.0                                                   | 2.3                                           |                                                                  |
|                                                                                           | Scarborough ... ..                      |           |            |              |             |                                                         |                                                       |                                               |                                                                  |                      | Leamington Spa ... .. | *               | *         | 55         | 38           | 0.4         | 3                                                       | 0.0                                                   | 2.3                                           |                                                                  |
|                                                                                           | Skegness ... ..                         |           |            |              |             |                                                         |                                                       |                                               |                                                                  |                      | Malvern ... ..        |                 |           |            |              |             |                                                         |                                                       |                                               |                                                                  |
|                                                                                           |                                         |           |            |              |             |                                                         |                                                       |                                               |                                                                  |                      | Ross-on-Wye ... ..    | drop            | up.c.be   | 55         | 46           | 1           | 4                                                       | 0.8                                                   | 2.0                                           |                                                                  |
| England, E.                                                                               | Lowestoft ... ..                        |           |            |              |             |                                                         |                                                       |                                               |                                                                  | Wales.               | Bath ... ..           | op              | po.c.be   | 56         | 46           | 1           | 7                                                       | 0.8                                                   | 2.3                                           |                                                                  |
|                                                                                           | Felixstowe ... ..                       | og.opm    | ogmp       | 53           | 48          | 1                                                       | 1                                                     | 1.0                                           | 7.5                                                              |                      |                       |                 |           |            |              |             |                                                         |                                                       |                                               |                                                                  |
|                                                                                           | Southend-on-Sea ... ..                  | d.or      | or         | 54           | 49          | 3                                                       | 7                                                     | 0.0                                           | 2.6                                                              |                      |                       | Rhyl ... ..     | bc.e.o    | c.op       | 56           | 39          | -                                                       | 0.1                                                   | 1.2                                           | ?                                                                |
|                                                                                           |                                         |           |            |              |             |                                                         |                                                       |                                               |                                                                  |                      | Colwyn Bay ... ..     | *               | *         | 55         | 38           | -           | -                                                       | 0.0                                                   | ?                                             |                                                                  |
| England, S.E.                                                                             | Tunbridge Wells ... ..                  | op.o      | op.o       | 56           | 48          | 4                                                       | 5                                                     | 0.0                                           | 3.3                                                              |                      | Llandudno ... ..      |                 |           |            |              |             |                                                         |                                                       |                                               |                                                                  |
|                                                                                           | Margate ... ..                          |           |            |              |             |                                                         |                                                       |                                               |                                                                  |                      | Aberystwyth ... ..    | o               | opep      | 55         | 39           | -           | 0.2                                                     | 0.4                                                   | 0.0                                           |                                                                  |
|                                                                                           | Ramsgate ... ..                         | *         | *          |              |             |                                                         |                                                       |                                               |                                                                  |                      | Swansea ... ..        |                 |           |            |              |             |                                                         |                                                       |                                               |                                                                  |
|                                                                                           | Folkestone ... ..                       | ro        | or         | 56           | 51          | 11                                                      | 5                                                     | 0.0                                           | 4.0                                                              |                      | England, S.W.         | Weymouth ... .. |           |            |              |             |                                                         |                                                       |                                               |                                                                  |
|                                                                                           | Hastings ... ..                         | ore       | or.bc      | 55           | 49          | 6                                                       | 2                                                     | 0.9                                           | 4.9                                                              | Teignmouth ... ..    |                       |                 |           |            |              |             |                                                         |                                                       |                                               |                                                                  |
|                                                                                           | Eastbourne ... ..                       | or        | b          | 53           | 31          | 1                                                       | 5                                                     | 1.3                                           | 6.6                                                              | Torquay ... ..       |                       | omr             | o.be.cr   | 54         | 49           | -           | 2                                                       | 2.4                                                   | 3.8                                           |                                                                  |
|                                                                                           | Brighton ... ..                         | o         | op.c       | 54           | 50          | 1                                                       | 0.3                                                   | 1.4                                           | ?                                                                | Paignton ... ..      |                       |                 |           |            |              |             |                                                         |                                                       |                                               |                                                                  |
|                                                                                           | Worthing ... ..                         | c.o       | or.b       | 55           | 50          | 1                                                       | 0.3                                                   | 2.1                                           | 5.4                                                              | Penzance ... ..      |                       | or.c            | or        | 52         | 48           | 3           | 3                                                       | 0.2                                                   | ?                                             |                                                                  |
|                                                                                           | Littlehampton ... ..                    | or.be     | bc         | 56           | 48          | 4                                                       | 1                                                     | 2.0                                           | 5.9                                                              | Newquay ... ..       |                       | op              | op        | 54         | 47           | 8           | 3                                                       | 0.0                                                   | ?                                             |                                                                  |
|                                                                                           | Portsmouth (S <sup>th</sup> sea) ... .. | *         | *          | 56           | 50          | 1                                                       | 1                                                     | 1.5                                           | 5.2                                                              | Bude ... ..          |                       |                 |           |            |              |             |                                                         |                                                       |                                               |                                                                  |
|                                                                                           | Bournemouth ... ..                      | *         | *          | 54           | 48          | 1                                                       | 0.3                                                   | 2.5                                           | 3.5                                                              | Ilfracombe ... ..    |                       |                 |           |            |              |             |                                                         |                                                       |                                               |                                                                  |
|                                                                                           | Ventnor (I. of W.) ... ..               | *         | *          | 52           | 47          | 3                                                       | 0.3                                                   | 2.7                                           | 3.5                                                              | Weston-s-Mare ... .. |                       |                 |           |            |              |             |                                                         |                                                       |                                               |                                                                  |
|                                                                                           |                                         |           |            |              |             |                                                         |                                                       |                                               |                                                                  |                      |                       |                 |           |            |              |             |                                                         |                                                       |                                               |                                                                  |
|                                                                                           |                                         |           |            |              |             |                                                         |                                                       |                                               |                                                                  |                      |                       |                 |           |            |              |             |                                                         |                                                       |                                               |                                                                  |
|                                                                                           |                                         |           |            |              |             |                                                         |                                                       |                                               |                                                                  |                      |                       |                 |           |            |              |             |                                                         |                                                       |                                               |                                                                  |
|                                                                                           |                                         |           |            |              |             |                                                         |                                                       |                                               |                                                                  |                      |                       |                 |           |            |              |             |                                                         |                                                       |                                               |                                                                  |
|                                                                                           |                                         |           |            |              |             |                                                         |                                                       |                                               |                                                                  |                      |                       |                 |           |            |              |             |                                                         |                                                       |                                               |                                                                  |
|                                                                                           |                                         |           |            |              |             |                                                         |                                                       |                                               |                                                                  |                      |                       |                 |           |            |              |             |                                                         |                                                       |                                               |                                                                  |

## SUMMARIES FOR PAST 24 HOURS.

| STATIONS.                     | WEATHER. |          | TEMPERATURE. |             | RAINFALL.          |                 | SUNSHINE.      |      |
|-------------------------------|----------|----------|--------------|-------------|--------------------|-----------------|----------------|------|
|                               | 7h-13h.  | 13h-18h. | Max.<br>°F.  | Min.<br>°F. | Night.<br>17h-18h. | Day.<br>18h-7h. | Sun.<br>Hours. | Sun. |
|                               |          |          |              |             |                    |                 |                |      |
| Eskdalemuir ... ..            | o.o.d.o  | o.or.o   | 42           | 35          | 36                 | 0.3             | 0.2            | 0.0  |
| Valencia (Cahirciveen) ... .. | o.p.c.   | o.p.c.   | 53           | 47          | 46                 | 1               | 9              | 1.4  |
| Baldonnell ... ..             | o.p.c.   | o.p.c.   | 50           | *           | *                  | *               | *              | *    |
| Didsbury ... ..               | o.p.c.   | o.p.c.   | 52           | 47          | 44                 | 7               | 10             | 0.5  |
| Falmouth ... ..               | o.p.c.   | o.p.c.   | 56           | 47          | 46                 | 2               | 5              | 2.0  |
| Calshot (Hants) ... ..        | o.p.c.   | o.p.c.   | 55           | 44          | 42                 | 8               | 2              | 0.5  |
| Lympne (Folkestone) ... ..    | o.p.c.   | o.p.c.   | 55           | 44          | 42                 | 8               | 2              | 0.5  |
| Aberdeen ... ..               | o        | o        | 44           | 38          | 37                 | -               | -              | 0.0  |
| Howden ... ..                 | o        | o        | 47           | 44          | *                  | *               | *              | *    |
| Cranwell (Lincs) ... ..       | o        | o        | 51           | 44          | *                  | 9               | 4              | 0.0  |
| Felixstowe ... ..             | o        | o        | 54           | 47          | *                  | *               | *              | *    |
| Shoeburyness ... ..           | o        | o        | 54           | 44          | 38                 | 6               | 0.3            | 0.1  |
| Benson ... ..                 | o        | o        | 56           | 44          | 38                 | 3               | 1              | *    |
| S. Farnborough ... ..         | o        | o        | 56           | 44          | 38                 | 5               | 2              | 0.5  |
| London (Kew Obs.) ... ..      | o        | o        | 59           | 45          | 37                 | 1               | 2              | 0.2  |
| Croydon ... ..                | o        | o        | 59           | 45          | *                  | 2               | 1              | *    |

## BEAUFORT NOTATION.

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

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

## 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                                               | 1.6-2.5            |
| 3   | 8-12                                              | 2.4-5.4            |
| 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 ☉  
Rime ☄ Lunar halo ☾  
Glazed frost ☄ Solar corona ☉  
Glazed roads ☄ Lunar corona ☾

## LONDON OBSERVATIONS.

| LONDON.<br>OBSERVATIONS.       | WEATHER.                                         |            |          | Max.<br>Temp.<br>°F. | Min.<br>Temp.<br>°F. | Min. on<br>Grass.<br>°F. | Rain-<br>fall. | Sun-<br>shine to<br>Sunset. | HUMIDITY %      |                | SOUTH KENSINGTON<br>(Meteorological Office).                                              | TABLE SHOWING THE GREENWICH TIMES OF<br>SUNRISE, NOON AND SUNSET FOR STATIONS<br>IN THE UNITED KINGDOM. |          |        |         |
|--------------------------------|--------------------------------------------------|------------|----------|----------------------|----------------------|--------------------------|----------------|-----------------------------|-----------------|----------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------|--------|---------|
|                                | Morning.                                         | Afternoon. | Night.   |                      |                      |                          | mm.            | Hours.                      | 15 h.<br>G.M.T. | 9 h.<br>G.M.T. |                                                                                           |                                                                                                         |          |        |         |
|                                | 24 HOURS ENDED 11h G.M.T. 12 <sup>th</sup> ..... |            |          |                      |                      |                          |                |                             | YESTERDAY.      | TO-DAY.        |                                                                                           |                                                                                                         |          |        |         |
|                                |                                                  |            |          |                      |                      |                          |                |                             |                 |                | Vertical Component<br>of<br>Solar Radiation<br>per Square Centimetre<br>during yesterday. | 12 <sup>th</sup> AND 13 <sup>th</sup> APRIL..... 1920.                                                  |          |        |         |
|                                |                                                  |            |          |                      |                      |                          |                |                             |                 |                |                                                                                           | Stations.                                                                                               | Sunrise. | Noon.  | Sunset. |
| Greenwich (Royal Observatory)  | o                                                | or         | c.o.b.ad | 59                   | 43                   | 39                       | 10             | 0.3                         | 94              | 85             |                                                                                           |                                                                                                         | G.M.T.   | G.M.T. | G.M.T.  |
| City (Bunhill Row) ...         | *                                                | *          | *        | *                    | *                    | *                        | *              | 0.1                         | *               | *              |                                                                                           |                                                                                                         |          |        |         |
| Westminster (St. James's Park) | *                                                | *          | *        | 58                   | 47                   | 39                       | 6              | 0.0                         | 98              | 86             |                                                                                           |                                                                                                         |          |        |         |
| (Admiralty Arch)               | omr                                              | omr.om     | cm.op.bc | 58                   | 48                   | *                        | 5              | 0.0                         | 96              | 87             |                                                                                           |                                                                                                         |          |        |         |
| Camden Sq. (British Rainfall)  | -                                                | -          | *        | 58                   | 45                   | 40                       | 5              | *                           | -               | 86             |                                                                                           |                                                                                                         |          |        |         |
| Kensington Palace ...          | o.or.                                            | or.o       | *        | 53                   | 45                   | 38                       | 4              | *                           | 89 (12h)        | 89             |                                                                                           |                                                                                                         |          |        |         |
| Hampstead Observatory ...      | *                                                | *          | *        | 54                   | 44                   | 38                       | 8              | 0.0                         | *               | 68             |                                                                                           |                                                                                                         |          |        |         |
|                                |                                                  |            |          |                      |                      |                          |                |                             |                 |                | Total.....4.14..... Joules.                                                               |                                                                                                         |          |        |         |
|                                |                                                  |            |          |                      |                      |                          |                |                             |                 |                | Milliwatts.                                                                               |                                                                                                         |          |        |         |
|                                |                                                  |            |          |                      |                      |                          |                |                             |                 |                | Average Rate. 8.9                                                                         |                                                                                                         |          |        |         |
|                                |                                                  |            |          |                      |                      |                          |                |                             |                 |                | Maximum Rate. 64                                                                          |                                                                                                         |          |        |         |
|                                |                                                  |            |          |                      |                      |                          |                |                             |                 |                |                                                                                           | Yarmouth...                                                                                             | 5.4      | 11.54  | 6.43    |
|                                |                                                  |            |          |                      |                      |                          |                |                             |                 |                |                                                                                           | Greenwich                                                                                               | 5.14     | 12.1   | 6.48    |
|                                |                                                  |            |          |                      |                      |                          |                |                             |                 |                |                                                                                           | Wick                                                                                                    | 5.12     | 12.1   | 6.50    |
|                                |                                                  |            |          |                      |                      |                          |                |                             |                 |                |                                                                                           |                                                                                                         | 5.11     | 12.13  | 7.14    |
|                                |                                                  |            |          |                      |                      |                          |                |                             |                 |                |                                                                                           |                                                                                                         | 5.9      | 12.13  | 7.17    |
|                                |                                                  |            |          |                      |                      |                          |                |                             |                 |                |                                                                                           | Valencia ...                                                                                            | 5.54     | 12.42  | 7.30    |

## SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.  
Total ... 414 Joules.  
Average F.u.e. 8.9  
Maximum Rate 64

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

| Stations.     | 12 <sup>th</sup> and 13 <sup>th</sup> APRIL 1920. |       |         |
|---------------|---------------------------------------------------|-------|---------|
|               | Sunrise.                                          | Noon. | Sunset. |
| Yarmouth ...  | 5.4                                               | 11.54 | 6.43    |
| Greenwich ... | 5.14                                              | 12.1  | 6.48    |
| Wick ...      | 5.11                                              | 12.13 | 7.14    |
| Valencia ...  | 5.54                                              | 12.42 | 7.30    |

## NOTES ON THE WEATHER OF YESTERDAY.

Rain fell at nearly all stations, 17 mm at Falmouth, 14 mm at Portland and 13 mm at Cranwell (Lincs) being the largest totals. Sunshine records were poor. The temperature rose to between 55° and 60° over England generally except in the extreme North, but in Scotland it barely exceeded 45°.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B. 24327

TUESDAY, 13<sup>TH</sup> APRIL, 1920.

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

| OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H. |                               |                          |              |                           |          |                                  |                          |                     |                                     |             |               |                               |               |     |                               |                          |            |                |          |              |                    |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
|-------------------------------------------------------------------------|-------------------------------|--------------------------|--------------|---------------------------|----------|----------------------------------|--------------------------|---------------------|-------------------------------------|-------------|---------------|-------------------------------|---------------|-----|-------------------------------|--------------------------|------------|----------------|----------|--------------|--------------------|--------------------------------|-------------------------------------|------------|---------------|--------------|---------------|-----|-------------------------------------|--|--|--|--|--|--|------------------|
| STATIONS.                                                               | BAROM.<br>at<br>M.S.L.<br>mb. | Change<br>in 3<br>hours. | WIND.        |                           | WEATHER. | TEMP.<br>°F.                     | HUMIDITY.<br>%           | VISIBILITY.<br>0-9. | Height<br>of Low<br>Cloud.<br>Feet. | Low Cloud.  |               | Upper Cloud.                  |               | Sea | BAROM.<br>at<br>M.S.L.<br>mb. | Change<br>in 3<br>hours. | WIND.      |                | WEATHER. | TEMP.<br>°F. | HUMIDITY.<br>%     | VISIBILITY.<br>0-9.            | Height<br>of Low<br>Cloud.<br>Feet. | Low Cloud. |               | Upper Cloud. |               | Sea |                                     |  |  |  |  |  |  |                  |
|                                                                         |                               |                          | Dir.         | Force<br>0-12.            |          |                                  |                          |                     |                                     | Form.       | Amt.<br>0-10. | Form.                         | Amt.<br>0-10. |     |                               |                          | Dir.       | Force<br>0-12. |          |              |                    |                                |                                     | Form.      | Amt.<br>0-10. | Form.        | Amt.<br>0-10. |     |                                     |  |  |  |  |  |  |                  |
| 13H. G.M.T. 12 <sup>th</sup>                                            |                               |                          |              |                           |          |                                  |                          |                     |                                     |             |               |                               |               |     |                               |                          |            |                |          |              |                    |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
| Eskdalemuir ...                                                         | 980.7                         | -2                       | E            | 6                         | oym      | 43                               | 87                       | 6                   | 1½-2000                             | St          | 10            | -                             | -             | *   | 987.4                         | -2                       | ENE        | 5              | orm      | 40           | 92                 | 5                              | 1½-2000                             | Nb         | 10            | -            | -             | *   |                                     |  |  |  |  |  |  |                  |
| Valencia (Cahire'n)                                                     | 964.0                         | -2                       | SE           | 6                         | oym      | 49                               | 87                       | 6                   | 1-1500                              | St          | 10            | -                             | -             | S   | 965.5                         | +2                       | SSE        | 5              | orm      | 50           | 92                 | 7                              | 2-3000                              | St         | 8             | -            | -             | *   |                                     |  |  |  |  |  |  |                  |
| Baldonnell ...                                                          | 979.9                         | -2                       | ESE          | 5                         | oym      | 54                               | 87                       | 5                   | 1½-2000                             | St          | 6             | Ast                           | 3             | *   | 979.2                         | +2                       | ESE        | 5              | orm      | 50           | 98                 | 5                              | 2-1000                              | St         | 7             | Ast          | 3             | *   |                                     |  |  |  |  |  |  |                  |
| 18H. G.M.T. OF 12 <sup>th</sup>                                         |                               |                          |              |                           |          |                                  |                          |                     |                                     |             |               |                               |               |     |                               |                          |            |                |          |              |                    |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
| Didsbury ...                                                            | 981.6                         | -1                       | SSE          | 6                         | bcq      | 54                               | 75                       | 3                   | -                                   | Fcu         | 5             | -                             | -             | *   | 979.8                         | -2                       | S          | 5              | c3fg     | 50           | 87                 | 3                              | -                                   | Stcu       | 7             | -            | -             | *   |                                     |  |  |  |  |  |  |                  |
| Falmouth ...                                                            | 986.5                         | -1                       | S            | 4                         | o        | 53                               | 92                       | 6                   | 1½-2000                             | Nb          | 8             | Acu                           | 2             | 3   | 986.7                         | 0                        | SSW        | 3              | c        | 52           | 75                 | -                              | 3-4000                              | Stcu       | 3             | Ast          | 3             | 3   |                                     |  |  |  |  |  |  |                  |
| Calshot (Hants) ...                                                     | 987.7                         | -5                       | S            | 6                         | oym      | 47                               | 98                       | 5                   | <500                                | Nb          | 10            | -                             | -             | *   | 987.3                         | 0                        | S          | 3              | c        | 48           | 87                 | 8                              | 4-5000                              | cu         | 1             | Ast          | 7             | *   |                                     |  |  |  |  |  |  |                  |
| Lympe (Folkestone) ...                                                  | 987.7                         | -5                       | S            | 6                         | oym      | 47                               | 98                       | 5                   | <500                                | Nb          | 10            | -                             | -             | *   | 987.3                         | 0                        | S          | 3              | c        | 48           | 87                 | 8                              | 4-5000                              | cu         | 1             | Ast          | 7             | *   |                                     |  |  |  |  |  |  |                  |
| Aberdeen ...                                                            | 995.9                         | -3                       | E            | 4                         | om       | 42                               | 98                       | 6                   | -                                   | St          | 10            | -                             | -             | -   | 993.3                         | -2                       | E          | 4              | om       | 41           | 92                 | 6                              | -                                   | St         | 10            | -            | -             | 4   |                                     |  |  |  |  |  |  |                  |
| Howden ...                                                              | 988.3                         | -4                       | ENE          | 4                         | od       | 49                               | 7                        | 5                   | 1-1500                              | St          | 10            | -                             | -             | -   | 985.6                         | -4                       | ESE        | 3              | od       | 47           | 92                 | 5                              | 1-1500                              | St         | 10            | -            | -             | *   |                                     |  |  |  |  |  |  |                  |
| Cranwell (Lincs) ...                                                    | 988.2                         | -5                       | SE           | 4                         | od       | 47                               | 98                       | 4                   | 1-1500                              | Nb          | 10            | -                             | -             | *   | 986.2                         | -2                       | SE         | 4              | odm      | 49           | 98                 | 5                              | 2-1000                              | St         | 10            | -            | -             | *   |                                     |  |  |  |  |  |  |                  |
| Felixstowe ...                                                          | 990.5                         | -6                       | SE           | 6                         | c1.3f    | 48                               | 92                       | 4                   | ½-1000                              | Nb          | 7             | -                             | -             | 4   | 989.0                         | -1                       | S          | 4              | o        | 50           | 98                 | 5                              | 4-5000                              | Stcu       | 7             | Ast          | 2             | 4   |                                     |  |  |  |  |  |  |                  |
| Shoeburyness ...                                                        | 989.5                         | -3                       | SSE          | 4                         | or       | 49                               | 87                       | 6                   | 1-1500                              | Nb          | 7             | -                             | -             | *   | 987.9                         | -2                       | SW         | 1              | c        | 51           | 87                 | 7                              | 3-4000                              | cu         | 4             | Ast          | 3             | *   |                                     |  |  |  |  |  |  |                  |
| Benson ...                                                              | 985.1                         | -4                       | SSE          | 4                         | or       | 50                               | 92                       | 4                   | -                                   | Nb          | 10            | -                             | -             | -   | 985.6                         | 0                        | SSW        | 3              | bc       | 51           | 75                 | 8                              | 3-4000                              | cu         | 5             | Ast          | 2             | *   |                                     |  |  |  |  |  |  |                  |
| S. Farnborough ...                                                      | 986.9                         | -3                       | S            | 3                         | odm      | 50                               | 92                       | 6                   | ½-1000                              | Nb          | 10            | -                             | -             | -   | 987.1                         | 0                        | S          | 2              | c        | 54           | 75                 | 8                              | 2-3000                              | Fcu        | 2             | Ast          | 5             | *   |                                     |  |  |  |  |  |  |                  |
| London (Kew Obs.) ...                                                   | 987.0                         | -5                       | SSE          | 3                         | odm      | 50                               | 92                       | 4                   | 1½-2000                             | Nb          | 8             | Ast                           | 2             | *   | 987.1                         | 0                        | S          | 2              | c        | 54           | 75                 | 8                              | 2-3000                              | Fcu        | 2             | Ast          | 5             | *   |                                     |  |  |  |  |  |  |                  |
| Croydon ...                                                             | 987.5                         | -3                       | SE           | 4                         | or3f     | 49                               | 98                       | 5                   | ½-1000                              | Nb          | 10            | -                             | -             | *   | 987.3                         | 0                        | WSW        | 3              | bc1m     | 51           | 92                 | 6                              | 8-4000                              | cu         | 2             | Ci cu        | 3             | *   |                                     |  |  |  |  |  |  |                  |
| 1H. G.M.T. OF 13 <sup>th</sup>                                          |                               |                          |              |                           |          |                                  |                          |                     |                                     |             |               |                               |               |     |                               |                          |            |                |          |              |                    |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
| Eskdalemuir ...                                                         | 985.6                         | -2                       | NE           | 4                         | odm      | 40                               | 98                       | 5                   | -                                   | Nb          | 10            | -                             | -             | *   | 985.5                         | 0                        | E          | 4              | b1m      | 42           | 92                 | 6                              | 1½-2000                             | Stcu       | 1             | ci           | 2             | *   |                                     |  |  |  |  |  |  |                  |
| Valencia (Cahire'n)                                                     | 966.4                         | 0                        | SE           | 7                         | omrg     | 49                               | *                        | *                   | *                                   | *           | *             | *                             | *             | 6   | 973.0                         | +9                       | WSW        | 6              | opd      | 49           | 87                 | 4                              | 1-1500                              | Stcu       | 10            | -            | -             | 5   |                                     |  |  |  |  |  |  |                  |
| Baldonnell ...                                                          | 978.7                         | 0                        | E            | 5                         | omrg     | 48                               | 98                       | 5                   | ½-1000                              | Stcu        | 8             | Ast                           | 1             | *   | 977.7                         | -1                       | ESE        | 4              | oym      | 48           | 98                 | 5                              | ½-1000                              | St         | 7             | Ast          | 2             | *   |                                     |  |  |  |  |  |  |                  |
| Didsbury ...                                                            | 979.9                         | +1                       | SSW          | 6                         | bcq      | 49                               | 92                       | 5                   | -                                   | Nb          | 5             | -                             | -             | *   | 983.5                         | +5                       | SW         | 6              | odq      | 48           | 92                 | 4                              | -                                   | Nb         | 10            | -            | -             | *   |                                     |  |  |  |  |  |  |                  |
| Falmouth ...                                                            | 985.7                         | -1                       | SSW          | 5                         | c        | 50                               | *                        | 0                   | 1½-2000                             | St          | 7             | -                             | -             | 4   | 986.9                         | +1                       | S          | 5              | o        | 51           | 87                 | 7                              | 1-1500                              | St         | 10            | -            | -             | 4   |                                     |  |  |  |  |  |  |                  |
| Calshot (Hants) ...                                                     | 985.7                         | -1                       | SSW          | 5                         | c        | 50                               | *                        | 0                   | 1½-2000                             | St          | 7             | -                             | -             | 4   | 986.9                         | +1                       | S          | 5              | o        | 51           | 87                 | 7                              | 1-1500                              | St         | 10            | -            | -             | 4   |                                     |  |  |  |  |  |  |                  |
| Lympe (Folkestone) ...                                                  | 985.7                         | -1                       | SSW          | 5                         | c        | 50                               | *                        | 0                   | 1½-2000                             | St          | 7             | -                             | -             | 4   | 986.9                         | +1                       | S          | 5              | o        | 51           | 87                 | 7                              | 1-1500                              | St         | 10            | -            | -             | 4   |                                     |  |  |  |  |  |  |                  |
| Aberdeen ...                                                            | 986.0                         | +1                       | SSE          | 2                         | b        | 43                               | 98                       | 3                   | 2-3000                              | St          | 3             | -                             | -             | *   | 985.2                         | 0                        | ESE        | 3              | or       | 43           | 92                 | 4                              | -                                   | Nb         | 10            | -            | -             | 4   |                                     |  |  |  |  |  |  |                  |
| Howden ...                                                              | 987.2                         | +2                       | SSW          | 4                         | b        | 40                               | 98                       | 6                   | -                                   | -           | -             | -                             | -             | -   | 985.5                         | 0                        | E          | 4              | c        | 46           | -                  | 6                              | 3-4000                              | Stcu       | 5             | ci           | 3             | *   |                                     |  |  |  |  |  |  |                  |
| Cranwell (Lincs) ...                                                    | 987.2                         | +2                       | SSW          | 4                         | b        | 40                               | 98                       | 6                   | -                                   | -           | -             | -                             | -             | -   | 986.7                         | -1                       | SSE        | 5              | o        | 45           | 98                 | 6                              | ½-2000                              | St         | 9             | -            | -             | *   |                                     |  |  |  |  |  |  |                  |
| Felixstowe ...                                                          | 990.4                         | 0                        | S            | 4                         | c        | 49                               | 92                       | 6                   | 2-3000                              | Stcu        | 8             | -                             | -             | 5   | 990.4                         | 0                        | S          | 4              | c        | 49           | 92                 | 6                              | 2-3000                              | Stcu       | 8             | -            | -             | 5   |                                     |  |  |  |  |  |  |                  |
| Shoeburyness ...                                                        | 989.0                         | 0                        | S            | 3                         | o        | 49                               | 82                       | 7                   | 1½-2000                             | Stcu        | 5             | Ast                           | 4             | *   | 989.0                         | 0                        | S          | 3              | o        | 49           | 82                 | 7                              | 1½-2000                             | Stcu       | 5             | Ast          | 4             | *   |                                     |  |  |  |  |  |  |                  |
| Benson ...                                                              | 984.9                         | +2                       | SSE          | 4                         | or       | 49                               | 92                       | 5                   | -                                   | Nb          | 10            | -                             | -             | *   | 984.9                         | +2                       | SSE        | 4              | or       | 49           | 92                 | 5                              | -                                   | Nb         | 10            | -            | -             | *   |                                     |  |  |  |  |  |  |                  |
| S. Farnborough ...                                                      | 986.7                         | +1                       | S            | 5                         | odm      | 49                               | 87                       | 6                   | ½-1000                              | Nb          | 10            | -                             | -             | *   | 986.7                         | +1                       | S          | 5              | odm      | 49           | 87                 | 6                              | ½-1000                              | Nb         | 10            | -            | -             | *   |                                     |  |  |  |  |  |  |                  |
| London (Kew Obs.) ...                                                   | 987.0                         | -1                       | S            | 3                         | odm      | 49                               | 87                       | 6                   | ½-1000                              | Nb          | 10            | -                             | -             | *   | 987.0                         | -1                       | S          | 3              | odm      | 49           | 87                 | 6                              | ½-1000                              | Nb         | 10            | -            | -             | *   |                                     |  |  |  |  |  |  |                  |
| Croydon ...                                                             | 987.6                         | -2                       | S            | 3                         | bw       | 46                               | 92                       | 6                   | -                                   | -           | -             | -                             | -             | 2   | 987.6                         | -2                       | S          | 3              | od       | 49           | 92                 | 6                              | <500                                | Nb         | 10            | -            | -             | *   |                                     |  |  |  |  |  |  |                  |
| STATIONS CONTRIBUTING REPORTS AT 7H. AND 13H.                           |                               |                          |              |                           |          |                                  |                          |                     |                                     |             |               |                               |               |     |                               |                          |            |                |          |              |                    |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
| STATIONS.                                                               | BAROM.<br>at<br>M.S.L.<br>mb. | TEMP.<br>°F.             | WIND.        |                           | WEATHER. | BAROMETER<br>at<br>M.S.L.<br>mb. | Change<br>in 3<br>hours. | TEMPERATURE         |                                     | WIND.       |               | Dir.<br>of<br>Upper<br>Cloud. | Weath.        | Sea | Rainfall<br>mm.               | TEMP.                    |            | WEATHER.       |          |              | Sunshine<br>Hours. |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
|                                                                         |                               |                          | Temp.<br>°F. | Change<br>in 24<br>hours. |          |                                  |                          | Dir.                | Force<br>0-12.                      | Max.<br>°F. | Min.<br>°F.   |                               |               |     |                               | Morning.                 | Afternoon. | Night.         |          |              |                    |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
| 18H. G.M.T. OF 12 <sup>th</sup>                                         |                               |                          |              |                           |          |                                  |                          |                     |                                     |             |               |                               |               |     |                               |                          |            |                |          |              |                    | 7H. G.M.T. OF 13 <sup>th</sup> |                                     |            |               |              |               |     | 24 HOURS ENDED 7H. 13 <sup>th</sup> |  |  |  |  |  |  | 12 <sup>th</sup> |
| Lerwick ...                                                             | 998.7                         | 42                       | ENE          | 3                         | bc       | 997.1                            | 0                        | 43                  | +1                                  | E           | 3             | -                             | omd           | 2   | trace                         | 45                       | 39         | bc             | bc       | omd          | *                  |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
| Stornoway ...                                                           | 991.2                         | 45                       | E            | 6                         | c        | 988.1                            | 0                        | 44                  | +2                                  | E           | 3             | -                             | o             | 2   | -                             | 49                       | 41         | bq             | c        | c-o          | 7.2                |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
| Castlebay (Barrals)                                                     | 986.1                         | 46                       | E            | 5                         | o        | 984.5                            | 0                        | 47                  | +2                                  | ENE         | 4             | E                             | c             | 4   | 1                             | 48                       | 44         | o              | o        | opc          | 6.0                |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
| Glasgow ...                                                             | 988.1                         | 41                       | ENE          | 4                         | omr      | 985.9                            | 0                        | 42                  | +1                                  | ENE         | 3             | E                             | c             | *   | 5                             | 43                       | 39         | omg            | omr      | omr op       | 6.0                |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
| Malin Head ...                                                          | 979.4                         | 45                       | E            | 5                         | omg      | 977.8                            | -1                       | 44                  | -2                                  | E           | 4             | E                             | omg           | 5   | -                             | 47                       | 43         | omg            | omg      | omg          | 6.0                |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
| Blackod Point ...                                                       | 970.5                         | 52                       | ESE          | 5                         | c        | 975.3                            | +2                       | 48                  | -1                                  | E           | 3             | -                             | bcq           | 3   | -                             | 55                       | 43         | bcq            | bcq      | bcq          | *                  |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
| Roche's Point ...                                                       | 972.2                         | 49                       | SSE          | 8                         | or       | 974.3                            | +4                       | 49                  | 0                                   | WSW         | 5             | -                             | op            | 6   | 10                            | 50                       | 47         | om             | omd      | or op        | *                  |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
| Birr Castle ...                                                         | 974.1                         | 50                       | SE           | 3                         | c        | 973.2                            | -                        | 48                  | -2                                  | SE          | 2             | -                             | c             | *   | 1                             | 55                       | 47         | c              | cp       | cp r-o       | 6.4                |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
| Donaghadee ...                                                          | 983.6                         | 46                       | SE           | 5                         | omr      | 982.0                            | -2                       | 45                  | -1                                  | SE          | 4             | -                             | cq            | 4   | 18                            | 46                       | 42         | omrg           | omrg     | omrg         | *                  |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
| Liverpool (Bidston)                                                     | 983.0                         | 48                       | ESE          | 4                         | r        | 981.7                            | -3                       | 46                  | 0                                   | ESE         | 5             | -                             | o             | 4   | 9                             | 50                       | 43         | r              | or       | bcdp         | 6.0                |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
| Holyhead ...                                                            | 981.0                         | 48                       | SE           | 5                         | bcp      | 979.1                            | -1                       | 46                  | -1                                  | RNE         | 5             | -                             | opg           | 3   | 7                             | 51                       | 44         | opg            | op cp    | op cp        | 0.3                |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
| Pembroke (St. Ann's Head)                                               | 980.5                         | 49                       | SE           | 6                         | c        | 979.5                            | 0                        | 48                  | -1                                  | SW          | 5             | S                             | cq            | 6   | 6                             | 51                       | 46         | c bc           | cp       | or cpb       | 1.8                |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
| Scilly (St. Mary's)                                                     | 978.5                         | 50                       | S            | 4                         | bcm      | 982.1                            | +3                       | 48                  | -2                                  | WNW         | 6             | -                             | cm            | 7   | 2                             | 53                       | 47         | bcamp          | bcm      | op egm       | 4.7                |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
| Jersey (St. Aubin)                                                      | 980.8                         | 54                       | SSW          | 4                         | c        | 988.6                            | +1                       | 51                  | +1                                  | SSW         | 3             | S                             | bc            | 3   | 3                             | 57                       | 49         | og bp          | gp bc    | cb bc        | 4.2                |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
| Portland Bill ...                                                       | 989.6                         | 50                       | SW           | 6                         | c        | 985.5                            | +1                       | 50                  | +1                                  | S           | 6             | -                             | ogp           | 7   | 4                             | 54                       | 43         | ogp            | og c     | c ogp        | *                  |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
| Dungeness ...                                                           | 988.3                         | 49                       | S            | 3                         | c        | 988.6                            | 0                        | 49                  | +1                                  | S           | 4             | S                             | o             | 4   | 3                             | 50                       | 46         | nor            | r-o c    | c bc         | *                  |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
| Wick ...                                                                | 995.3                         | 43                       | E            | 4                         | o        | 990.8                            | +1                       | 43                  | 0                                   | E           | 4             | -                             | omr           | 4   | 0.3                           | 44                       | 41         | cm             | cm o     | omd          | 3.8                |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
| Nairn ...                                                               | 991.7                         | 42                       | E            | 3                         | e        | 988.1                            | *                        | 41                  | 0                                   | E           | 1             | -                             | ou            | 2   | 2                             | 50                       | 38         | bcq c          | gc       | cp g o       | *                  |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
| Leith ...                                                               | 989.1                         | 42                       | E            | 3                         | o        | 986.2                            | 0                        | 43                  | +1                                  | NE          | 1             | -                             | om            | 2   | 3                             | 44                       | 41         | o              | og o     | om o         | *                  |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
| Tynemouth ...                                                           | 988.4                         | 42                       | ESE          | 4                         | omr      | 986.3                            | +1                       | 43                  | +1                                  | S           | 1             | -                             | bm            | 4   | 3                             | 43                       | 41         | om             | omr      | omr fe       | *                  |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |
| Spurn Head ...                                                          | 985.8                         | 46                       | SE           | 5                         | omd      | 986.2                            | 0                        | 47                  | +2                                  | SSE         | 4             | -                             | bc            | 5   | 3                             | 47                       |            |                |          |              |                    |                                |                                     |            |               |              |               |     |                                     |  |  |  |  |  |  |                  |



# SUMMARY OF CONDITIONS AT 7h.M.T. Tuesday, 13th April, 1920.

| Districts.                | Wind.<br>Velocity in m.p.h. | Temperature. | Weather, Cloud and Precipitation. | Visibility. | Sea.     |
|---------------------------|-----------------------------|--------------|-----------------------------------|-------------|----------|
| 1. S.E. England           | S-SW. 15-30                 | Mild.        | Dull, misty.                      | Fair.       | Mod.     |
| 2. E. England             | Sly. 10-20                  | "            | Fine to dull, local mist.         | "           | "        |
| 3. E. Midlands            | Sly. 10-20                  | "            | Dull to cloudy, some rain         | "           | -        |
| 4. W. Midlands            | S-SW. 10-20                 | R. Mild      | Dull to cloudy.                   | "           | -        |
| 5. S.W. England           | W-S. 20-30                  | "            | Squally, some drizzle.            | Indif.      | High.    |
| 6. South Wales            | SWly. 15-20                 | "            | Cloudy, squally.                  | Fair        | Rough.   |
| 7. North Wales            | Ely. 15-20                  | Normal.      | Dull, showery.                    | Indif.      | Slight.  |
| 8. N.W. England           | Ely. 15-20                  | "            | Dull.                             | "           | Mod.     |
| 9. N. Midlands            | E-S 10-20                   | "            | Dull.                             | "           | -        |
| 10. N.E. England          | E-S 5-15                    | "            | Fine to cloudy, misty.            | Fair.       | Mod.     |
| 11. E. Scotland           | Ely. 2-10                   | "            | Dull, local mist & rain.          | Poor        | Slight   |
| 12. S.W. Scotland         | Ely. 10-15                  | "            | Cloudy.                           | Fair        | Mod.     |
| 13. Isle of Man           | SE-E 15-20                  | "            | Dull, squally.                    | Indif.      | "        |
| 14. N. & N.W. Scotland    | Ely. 10-15                  | "            | Dull and misty, rain.             | "           | Slight.  |
| 15. Hebrides              | Ely. 10-15                  | "            | Dull.                             | "           | Smooth.  |
| 16. Orkneys and Shetlands | Ely. 10-15                  | "            | Dull, drizzling.                  | Poor        | "        |
| 17. N.W. Ireland          | Ely. 10-15                  | "            | Fair, squally.                    | Fair.       | Slight.  |
| 18. N.E. Ireland          | E-SE 15.                    | "            | Dull, misty, squally.             | Indif.      | R. Rough |
| 19. S.E. Ireland          | SW-E 15-20                  | R. Mild      | Dull, showers & squalls.          | Fair.       | Rough.   |
| 20. S.W. Ireland          | SWly. 20-30                 | "            | Dull, drizzling.                  | Poor.       | R. Rough |



**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** is given in degrees.  
**WEATHER SYMBOLS.**  
 ☉ clear sky. ☁ sky & cloud. ☂ sky & rain.  
 ☄ overcast sky. ☉ rain falling.  
 \* snow. \* hail. ☄ fog.  
 T thunder. R thunder.  
**SEA DISTURBANCE.**—  
 Rough High

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

A deep depression near the West coast of Ireland will probably move somewhat North-East. Fresh or strong winds will continue generally, with showery weather. Unsettled weather is likely to last for two or three days.

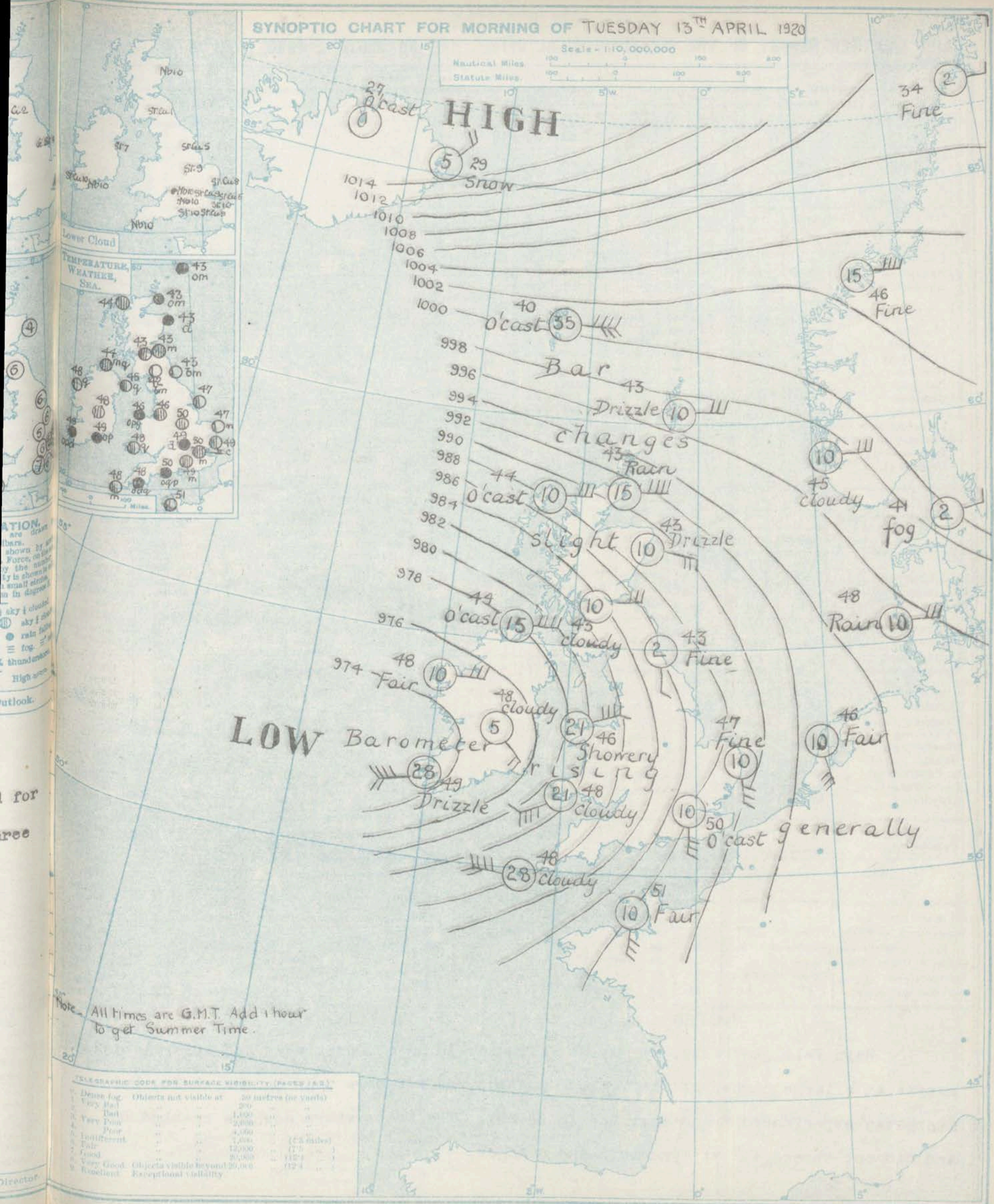
| Districts.                | Forecasts for the 24 hours commencing 3h.M.T. Tuesday, 13th April, 1920.                                                                     |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 1. S.E. England           | Wind South to South-West, fresh or strong; much low cloud, some bright intervals; showery; visibility mainly good; temperature about normal. |
| 2. E. England             |                                                                                                                                              |
| 3. E. Midlands            |                                                                                                                                              |
| 4. W. Midlands            |                                                                                                                                              |
| 5. S.W. England           | Wind S.W. to W., fresh or strong; much low cloud; some bright intervals; showery; visibility mainly good; moderate temperature.              |
| 6. South Wales            |                                                                                                                                              |
| 7. North Wales            | Strong South-East to South wind; much low cloud; showery; visibility indifferent to fair; moderate temperature.                              |
| 8. N.W. England           |                                                                                                                                              |
| 9. N. Midlands            |                                                                                                                                              |
| 10. N.E. England          |                                                                                                                                              |
| 11. E. Scotland           | Wind East to South-East; fresh or strong; mainly dull; low cloud, rain at times; visibility indifferent to fair; rather 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 5 - 6.<br>Strong westerly wind; much low cloud, showery; visibility good; somewhat colder.                                           |

Further Outlook.  
 Unsettled for two or three days.



# SYNOPTIC CHART FOR MORNING OF TUESDAY 13<sup>TH</sup> APRIL 1920

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





**AIR MINISTRY.**

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 3194

Tuesday,  
13<sup>th</sup> April 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, 11 <sup>th</sup> -12 <sup>th</sup> . | Day, 12 <sup>th</sup> -17 <sup>th</sup> . | to 17 <sup>th</sup> . | Sunrise to Sunset, 11 <sup>th</sup> -17 <sup>th</sup> . |                      |                  | Forenoon. | Afternoon. | Max. °F.     | Min. °F. | Night, 11 <sup>th</sup> -12 <sup>th</sup> . | Day, 12 <sup>th</sup> -17 <sup>th</sup> . | to 17 <sup>th</sup> . | Sunrise to Sunset, 11 <sup>th</sup> -17 <sup>th</sup> . |
| Scotland.                                                                          | Oban ... ..           | a         | o          | 48           | 43       | -                                           | -                                         | 0.0                   | 0.0                                                     | England, N.W.        | Douglas (I.O.M.) |           |            |              |          |                                             |                                           |                       |                                                         |
|                                                                                    | Banff ... ..          | o.c       | od         | 45           | 39       | -                                           | 0.2                                       | 1.7                   | 0.0                                                     |                      | Blackpool ... .. | r         | or         | 49           | 46       | -                                           | 6                                         | 0.0                   | 0.0                                                     |
|                                                                                    | Montrose ... ..       | o         | o          | 42           | 41       | 1                                           | -                                         | 0.0                   | 0.0                                                     |                      | Southport ... .. | r         | ro         | 48           | 45       | 1                                           | 6                                         | 0.0                   | 0.0                                                     |
|                                                                                    | St. Andrews ... ..    | o         | o          | 43           | 41       | 1                                           | -                                         | 0.0                   | 0.0                                                     |                      |                  |           |            |              |          |                                             |                                           |                       |                                                         |
| England, N.E.                                                                      | Harrogate ... ..      | omr       | or         | 46           | 38       | 4                                           | 4                                         | 0.0                   | 0.0                                                     | Midlands.            | Buxton           | *         | *          | 53           | 43       | 0.4                                         | 1                                         | 0.0                   | 0.0                                                     |
|                                                                                    | Scarborough ... ..    | o         | or         | 45           | 41       | 1                                           | 1                                         | 0.0                   | 0.0                                                     |                      | Leamington Spa   | *         | *          | 53           | 43       | 0.4                                         | 1                                         | 0.0                   | 0.0                                                     |
|                                                                                    | Skegness ... ..       | or        | or         | 52           | 45       | 1                                           | 3                                         | 0.2                   | 0.0                                                     |                      | Malvern          | dq, rd    | o.c.u.bc   | 57           | 44       | 4                                           | 2                                         | 1.4                   | 0.1                                                     |
| England, E.                                                                        | Lowestoft ... ..      | c.o       | or         | 53           | 45       | 0.1                                         | 3                                         | 2.2                   | 0.0                                                     |                      | Ross-on-Wye      | ro        | o.c.bqb    | 57           | 46       | 5                                           | 2                                         | 2.0                   | 0.7                                                     |
|                                                                                    | Felixstowe ... ..     | og qp     | og qp      | 50           | 48       | 3                                           | 5                                         | 0.0                   | 0.0                                                     |                      | Bath             |           |            |              |          |                                             |                                           |                       |                                                         |
|                                                                                    | Southend-on-Sea... .. | or        | or         | 51           | 45       | 2                                           | 4                                         | 0.0                   | 0.0                                                     |                      |                  |           |            |              |          |                                             |                                           |                       |                                                         |
| England, S.E.                                                                      | Tunbridge Wells       | or        | oro bc     | 53           | 45       | 1                                           | 5                                         | 0.7                   | 0.0                                                     | Wales.               | Rhyl ... ..      | p.o       | p.o.b.c    | 54           | 45       | 1                                           | 1                                         | 0.5                   | 0.0                                                     |
|                                                                                    | Margate ... ..        | or        | orc        | 52           | 45       | 2                                           | 9                                         | 0.0                   | 0.0                                                     |                      | Colwyn Bay       | *         | *          | 54           | 45       | 3                                           | 1                                         | 0.0                   | 0.0                                                     |
|                                                                                    | Ramsgate ... ..       | =         | o          | 49           | 44       | 3                                           | 4                                         | 0.0                   | 0.0                                                     |                      | Llandudno ... .. | o         | op ou      | 53           | 45       | 2                                           | 0.1                                       | 0.0                   | 0.0                                                     |
|                                                                                    | Folkestone ... ..     | n od      | ano o      | 50           | 46       | 3                                           | 3                                         | 0.0                   | 0.0                                                     | England, S.W.        | Aberystwyth      | r.o.c     | r.c.c      | 54           | 45       | 1                                           | 6                                         | 1.5                   | 0.0                                                     |
|                                                                                    | Hastings ... ..       | or.o      | orb c      | 51           | 47       | 1                                           | 2                                         | 0.5                   | 0.6                                                     |                      | Swansea ... ..   |           |            |              |          |                                             |                                           |                       |                                                         |
|                                                                                    | Eastbourne ... ..     | or        | r.o.c      | 54           | 39       | 4                                           | 4                                         | 1.4                   | 0.0                                                     |                      | Weymouth ... ..  | r.or      | p.b.c.b    | 53           | 48       | 3                                           | 3                                         | 3.1                   | 0.0                                                     |
|                                                                                    | Brighton ... ..       | or        | op c       | 54           | 48       | 5                                           | 6                                         | 1.4                   | 6.0                                                     | Teignmouth           | or.o             | b.c.b     | 56         | 48           | 6        | -                                           | 2.5                                       | 0.0                   |                                                         |
|                                                                                    | Worthing ... ..       | r         | r,bc       | 52           | 47       | 6                                           | 5                                         | 2.0                   | 0.0                                                     | Torquay ... ..       | od               | cb        | 55         | 48           | 12       | 0.1                                         | 3.7                                       | 0.0                   |                                                         |
|                                                                                    | Littlehampton ... ..  | or        | obc        | 56           | 47       | 9                                           | 3                                         | 2.2                   | 0.0                                                     | Paignton ... ..      | ofm.             | bcp       | 56         | 46           | 14       | -                                           | 3.5                                       | 0.0                   |                                                         |
|                                                                                    | Portsmouth (Shesha)   | *         | *          | 54           | 47       | 7                                           | 5                                         | 2.3                   | 0.0                                                     | Penzance ... ..      | bcp              | b.c.c     | 54         | 49           | 7        | 1                                           | 5.2                                       | 0.7                   |                                                         |
|                                                                                    | Bournemouth ... ..    | *         | *          | 54           | 45       | 9                                           | 2                                         | 3.0                   | 0.0                                                     | Newquay ... ..       | c.b              | op.o      | 55         | 47           | 5        | 3                                           | 2.5                                       | 0.0                   |                                                         |
|                                                                                    | Ventnor (I. of W.)    | *         | *          | 53           | 46       | 6                                           | 3                                         | 2.1                   | 0.0                                                     | Bude ... ..          | c                | b.c.e.o   | 56         | 47           | 6        | 1                                           | 2.7                                       | 0.0                   |                                                         |
|                                                                                    |                       |           |            |              |          |                                             |                                           |                       |                                                         | Ilfracombe ... ..    | o                | o.c.o     | 57         | 47           | 3        | -                                           | 3.7                                       | 0.0                   |                                                         |
|                                                                                    |                       |           |            |              |          |                                             |                                           |                       |                                                         | Weston-s-Mare ... .. | r.bc             | r.bc.b    | 57         | 46           | 4        | 1                                           | 3.5                                       | 0.0                   |                                                         |
|                                                                                    |                       |           |            |              |          |                                             |                                           |                       |                                                         | Tenby                | or               | b.c       | 54         | 48           | 7        | 1                                           | 2.5                                       | 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                                                                                                                                                                                                                                                                                                                | b blue sky (not more than a quarter covered).<br>bc sky partly cloudy (one half covered).<br>c generally cloudy (three quarters covered).<br>d drizzle, or fine rain.<br>e wet air without rain falling.<br>f fog.<br>g gloom.<br>h hail.<br>i lightning.<br>m mist.<br>o overcast sky.<br>p passing showers.<br>q squalls.<br>r rain.<br>rs sleet, i.e., rain and snow together.<br>s snow.<br>t thunder.<br>u ugly, threatening sky.<br>v unusual visibility.<br>w dew.<br>x hoar frost.<br>y dry air; humidity less than 60 per cent.<br>z dust haze, the turbid atmosphere of dry weather.<br><br>Capital letters indicate intensity, and repetition of letters continuity, thus:-<br>R = heavy rain.<br>rr = continuous moderate rain.<br>r.f. = continuous light rain. |  |                                   |  |  |
|                               |         | 7h-13h   | 13h-18h     | 18h-24h | 1b-7h |                |                |                   | Day, 7h-18h. | Night, 18h-7h.     |                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                   |  |  |
| Eskdalemuir ... ..            | ogm.    | ogm.     | om          | om      | 46    | 38             | 29             | 1                 | 5            | 0.0                | No. Limits of Velocity at about 30 feet above ground.<br>Statute miles per hour. Metres per second.                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                   |  |  |
| Valencia (Cahirciveen) ... .. | c. ofm. | op.c     | or.o        |         | 51    | 48             | 47             | 10                | 16           | 0.0                |                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                   |  |  |
| Baldonnel ... ..              | q.h.    | q.r.     | q.p.        | q.g.    | 54    | 4              | -              | -                 | -            | -                  | 0 Less than 1<br>1 1-8<br>2 4-7<br>3 8-12<br>4 13-18<br>5 19-24<br>6 25-31<br>7 32-38<br>8 39-46<br>9 47-54<br>10 55-63<br>11 64-75<br>12 Above 75                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                   |  |  |
| Didsbury ... ..               |         |          |             |         |       |                |                |                   |              |                    |                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                   |  |  |
| Falmouth ... ..               | eq.     | op.g.c.f | op.cq       | c.o.d.g | 55    | 47             | 46             | 1                 | 4            | 4.3                | Less than 0.3<br>0.3-1.5<br>1.6-3.8<br>3.9-5.4<br>5.5-7.9<br>8.0-10.7<br>10.8-15.8<br>15.9-17.1<br>17.2-20.7<br>20.8-24.4<br>24.5-28.1<br>28.2-33.7<br>33.8 or above                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                   |  |  |
| Calshot (Hants) ... ..        | q. r.   | c.o      | b.c.c.o     | c.o     | 56    | 47             | 47             | 3                 | -            | 3.1                |                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                   |  |  |
| Lympne (Folkestone) ... ..    | q.R.R.  | opoc     | omg.c.g     |         | 48    | 46             | 43             | 4                 | -            | 0.0                | 8 SYMBOLS-<br>Aurora<br>Rime<br>Glazed frost<br>Glazed roads                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                   |  |  |
| Aberdeen ... ..               | od.f.   | od.f     | ofar        |         | 44    | 41             | 39             | -                 | 5            | 0.0                |                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                   |  |  |
| Howden ... ..                 | od. om. | RRrr     | p.b.c       | b.b.c   | 50    | 43             | *              | *                 | *            | *                  | Solar halo<br>Lunar halo<br>Solar corona<br>Lunar corona                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                   |  |  |
| Cranwell (Lincoln) ... ..     | r. h.d. | omrrr    | c.o.b.      | b.b.c.o | 49    | 37             | *              | 4                 | trace        | 0.0                |                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                   |  |  |
| Felixstowe ... ..             | rr.g.   | qrr      | b.c.g       |         | 50    | 47             | *              | *                 | *            | *                  | Vertical Component of Solar Radiation per Square Centimetre during yesterday.<br>Total 46.3 Joules.<br>Milliwatts.<br>Average Rate. 9.5<br>Maximum Rate. 44                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                   |  |  |
| Shoeburyness ... ..           | od.or.  | orrc     | c.o         |         | 52    | 43             | 36             | 4                 | -            | 0.0                |                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                   |  |  |
| Berion ... ..                 | r       | o.b.c    | b.b.c.p.    |         | 54    | 43             | 36             | 4                 | 1            | *                  | TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.<br>13 <sup>th</sup> & 14 <sup>th</sup> April 1920.<br>Stations Sunrise Noon Sunset<br>G.M.T. G.M.T. G.M.T.<br>Yarmouth... 5.2 11.54 6.45<br>Greenwich 5.12 12.1 6.50<br>Wick 5.9 12.13 7.17<br>Valencia 5.52 12.42 7.32 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                   |  |  |
| S. Farnborough ... ..         | orm     | orm.cbc  | b.c.b.c.o.g |         | 54    | 43             | 33             | 5                 | 1            | 2.1                |                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                   |  |  |
| London (Kew Obey.) ... ..     | om.odm. | od.b.c   | b.c.b.c.o.g |         | 55    | 45             | 37             | 2                 | -            | 1.0                | Stations Sunrise Noon Sunset<br>G.M.T. G.M.T. G.M.T.<br>Yarmouth... 5.2 11.54 6.45<br>Greenwich 5.12 12.1 6.50<br>Wick 5.9 12.13 7.17<br>Valencia 5.52 12.42 7.32                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                   |  |  |
| Croydon ... ..                | hd. rr. | rroom    | iz w        | ep      | 53    | 44             | *              | *                 | *            | *                  |                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                   |  |  |

| LONDON OBSERVATIONS.                                                                                                                                         |  |          |          |                |                |                   |            |                      |            | SOUTH KENSINGTON (Meteorological Office).                                                                                                                   |    |                                                 |         | TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. |        |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------|----------|----------------|----------------|-------------------|------------|----------------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------------------------------------------------|---------|---------------------------------------------------------------------------------------------------|--------|--|--|
| Morning.                                                                                                                                                     |  | WEATHER. |          | Max. Temp. °F. | Min. Temp. °F. | Min. on Grass °F. | Rain-fall. | Sun-shine to Sunset. | Humidity % | Vertical Component of Solar Radiation per Square Centimetre during yesterday.<br>Total 46.3 Joules.<br>Milliwatts.<br>Average Rate. 9.5<br>Maximum Rate. 44 |    | 13 <sup>th</sup> & 14 <sup>th</sup> April 1920. |         |                                                                                                   |        |  |  |
|                                                                                                                                                              |  | 15h.     | 9h.      |                |                |                   |            |                      |            |                                                                                                                                                             |    | Stations                                        | Sunrise | Noon                                                                                              | Sunset |  |  |
| 24 HOURS ENDED 9H G.M.T. <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="4"></td> |  |          |          |                |                |                   |            |                      |            |                                                                                                                                                             |    |                                                 |         |                                                                                                   |        |  |  |
| Yesterday.                                                                                                                                                   |  |          |          |                |                |                   |            |                      |            |                                                                                                                                                             |    |                                                 |         |                                                                                                   |        |  |  |
| To-day.                                                                                                                                                      |  |          |          |                |                |                   |            |                      |            |                                                                                                                                                             |    |                                                 |         |                                                                                                   |        |  |  |
| Greenwich (Royal Observatory)                                                                                                                                |  | o.or     | or.a.bc  | b.b.b.c.o      | 55             | 43                | 35         | 2                    | 0.7        | 88                                                                                                                                                          | 85 |                                                 |         |                                                                                                   |        |  |  |
| City (Bunhill Row)                                                                                                                                           |  | *        | *        | *              | *              | *                 | *          | *                    | 0.7        | *                                                                                                                                                           | *  |                                                 |         |                                                                                                   |        |  |  |
| Westminster (St. James's Park)                                                                                                                               |  | r        | od       | od             | 54             | 46                | 38         | 2                    | 0.7        | 81                                                                                                                                                          | 80 |                                                 |         |                                                                                                   |        |  |  |
| " (Admiralty Arch)                                                                                                                                           |  | om.orm   | orm.a.bc | bc             | 54             | 47                | *          | 2                    | 0.5        | 90                                                                                                                                                          | 86 |                                                 |         |                                                                                                   |        |  |  |
| Camden Sq. (British Rainfall)                                                                                                                                |  | o.or     | or.c     | *              | 54             | 44                | 37         | 3                    | *          | 86                                                                                                                                                          | 91 |                                                 |         |                                                                                                   |        |  |  |
| Kensington Palace                                                                                                                                            |  | o.or     | or.o.c   | *              | 55             | 45                | 37         | 2                    | *          | 79(18h)                                                                                                                                                     | 83 |                                                 |         |                                                                                                   |        |  |  |
| Hampstead Observatory                                                                                                                                        |  | or       | bc       | bc             | 52             | 45                | 37         | 3                    | 0.7        | *                                                                                                                                                           | 87 |                                                 |         |                                                                                                   |        |  |  |

## NOTES ON THE WEATHER OF YESTERDAY.

Rain fell generally, 26 mm. at Valencia, 18 mm at Donaghadee and several millimetres at a large number of stations. Sunshine records were poor on the whole, but Stornoway experienced 7 and Birr Castle  $6\frac{1}{2}$  hrs. The temperature nowhere reached  $60^{\circ}$  and did not exceed  $43^{\circ}$  at Tynemouth and Glasgow.

\* Information for these columns not usually received.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B. 21328

WEDNESDAY, 14 APRIL 1920.

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

| STATIONS.                                     | BAROM.<br>at<br>M.S.L.<br>mb. | Change<br>in 3<br>hours. | WIND.                          |                          | WEATHER. | TEMP.<br>°F. | HUMIDITY.<br>%            | VISIBILITY.<br>0-9. | Height<br>of Low<br>Cloud.<br>Feet. | Low Cloud.  |             | Upper Cloud. |                 | Sea.     | BAROM.<br>at<br>M.S.L.<br>mb. | Change<br>in 3<br>hours. | WIND.    |                | WEATHER. | TEMP.<br>°F. | HUMIDITY.<br>% | VISIBILITY.<br>0-9. | Height<br>of Low<br>Cloud.<br>Feet. | Low Cloud. |       | Upper Cloud. |     | Sea. |
|-----------------------------------------------|-------------------------------|--------------------------|--------------------------------|--------------------------|----------|--------------|---------------------------|---------------------|-------------------------------------|-------------|-------------|--------------|-----------------|----------|-------------------------------|--------------------------|----------|----------------|----------|--------------|----------------|---------------------|-------------------------------------|------------|-------|--------------|-----|------|
|                                               |                               |                          | Dir.                           | Force<br>0-12.           |          |              |                           |                     |                                     | Form.       | Am.         | Form.        | Am.             |          |                               |                          | Dir.     | Force<br>0-12. |          |              |                |                     |                                     | Form.      | Am.   | Form.        | Am. |      |
|                                               |                               |                          | 13H. G.M.T. 13 <sup>00</sup>   |                          |          |              |                           |                     |                                     |             |             |              |                 |          |                               |                          |          |                |          |              |                |                     |                                     |            |       |              |     |      |
| Esksdalemuir ...                              | 9850                          | 0                        | SE                             | 5                        | o'm      | 48           | 87                        | 6                   | 15-2000                             | Nb          | 7           | A.st         | 3               | *        | 9861                          | +2                       | SSE      | 4              | o        | 46           | 92             | 7                   | 2-3000                              | St         | 10    | -            | -   | *    |
| Valencia (Cahire's)                           | 9822                          | +8                       | WSW                            | 7                        | o        | 47           | 82                        | 7                   | 15-2000                             | St          | 6           | A.st         | 4               | 6        | 9863                          | +5                       | WSW      | 7              | om       | 48           | 87             | 6                   | 1-1500                              | St         | 7     | A.st         | 3   | 6    |
| Baldonnel                                     | 9774                          | 0                        | S                              | 4                        | oRq      | 53           | 92                        | 4                   | 1-1000                              | St          | 10          | -            | -               | *        | 9818                          | +4                       | SSW      | 4              | oRq      | 47           | 98             | 4                   | 1-1500                              | Nb         | 10    | -            | -   | *    |
| 18H. G.M.T. OF 13 <sup>00</sup>               |                               |                          |                                |                          |          |              |                           |                     |                                     |             |             |              |                 |          |                               |                          |          |                |          |              |                |                     |                                     |            |       |              |     |      |
| Didsbury                                      | 9847                          | +1                       | SSW                            | 5                        | bc       | 57           | ?                         | 6                   | 3-4000                              | Cu          | 3           | A.cu         | 2               | *        | 9888                          | +5                       | SW       | 5              | o        | 50           | ?              | 6                   | 2-3000                              | Cu         | 7     | A.cu         | 2   | *    |
| Falmouth                                      | 9914                          | +7                       | SW                             | 7                        | c        | 52           | 55                        | 6                   | -                                   | Cu          | 5           | Ci.st        | 2               | *        | 9963                          | +5                       | WSW      | 7              | bqz      | 48           | 75             | 6                   | -                                   | Cu         | 1     | -            | -   | *    |
| Calshot (Hants)                               | 9907                          | +4                       | SW                             | 6                        | oq       | 54           | 82                        | 6                   | 15-2000                             | Nb          | 8           | A.cu         | 2               | 4        | 9954                          | +6                       | WSW      | 5              | c        | 51           | 75             | 6                   | 1-1500                              | St.cu      | 1     | Ci           | 3   | 4    |
| Lymington (Folkestone)                        | 9905                          | +3                       | SW                             | 5                        | c        | 53           | 75                        | 8                   | 1-1500                              | St.cu       | 7           | Ci           | 1               | *        | 9944                          | +4                       | SW       | 6              | bcm      | 49           | 82             | 6                   | 1-1500                              | St         | 3     | A.cu         | 3   | *    |
| Aberdeen                                      | 9903                          | +2                       | SE                             | 2                        | o3f      | 44           | 92                        | 2                   | -                                   | St          | 10          | -            | -               | 4        | 9910                          | 0                        | SE       | 3              | cem      | 43           | 92             | 6                   | -                                   | St         | 8     | -            | -   | 4    |
| Howden                                        | 9864                          | +1                       | SSE                            | 5                        | oRq      | 52           | ?                         | 5                   | 3-4000                              | St          | 10          | -            | -               | *        | 9879                          | +2                       | SSE      | 3              | o        | 52           | 82             | 4                   | 3-4000                              | St.cu      | 6     | Ci.st        | 5   | *    |
| Cranwell (Lines)                              | 9879                          | +1                       | SSE                            | 6                        | o3f      | 55           | 87                        | 5                   | 1-1500                              | Nb          | 10          | -            | -               | *        | 9912                          | +5                       | WSW      | 3              | om       | 52           | 75             | 5                   | 1-1500                              | Nb         | 10    | -            | -   | 8    |
| Felixstowe                                    | 9924                          | +1                       | SSW                            | 5                        | bc       | 55           | 82                        | 6                   | 2-3000                              | St.cu       | 2           | Faci         | 1               | 5        | 9955                          | +5                       | SSW      | 4              | og       | 52           | 82             | 6                   | 2-3000                              | Nb         | 10    | -            | -   | 3    |
| Shoeburyness                                  | 9909                          | +2                       | SSW                            | 3                        | c        | 54           | 75                        | 7                   | 2-3000                              | Cu          | 5           | A.cu         | 2               | *        | 9945                          | +6                       | SW       | 6              | oRq      | 52           | 75             | 6                   | 2-3000                              | Nb         | 8     | -            | -   | *    |
| Benson                                        | 9883                          | +4                       | WSW                            | 3                        | o        | 49           | 82                        | 5                   | -                                   | Nb          | 10          | -            | -               | *        | 9934                          | +6                       | SW       | 3              | o        | 49           | 82             | 6                   | -                                   | Cu         | 5     | -            | -   | *    |
| S. Farnborough                                | 9894                          | +3                       | SW                             | 5                        | o        | 57           | 75                        | 8                   | 1-1500                              | Nb          | 9           | -            | -               | *        | 9946                          | +6                       | WSW      | 3              | o        | 48           | 92             | 8                   | 1-1500                              | Nb         | 9     | -            | -   | *    |
| London (Kew Obs.)                             | 9898                          | +3                       | S                              | 4                        | c        | 57           | 75                        | 8                   | 3-4000                              | Cu          | 7           | Ci.st        | 1               | *        | 9945                          | +7                       | SW       | 3              | o        | 49           | 82             | 6                   | 2-3000                              | Nb         | 10    | -            | -   | *    |
| Croydon                                       | 9903                          | +4                       | SSW                            | 4                        | oda      | 53           | 82                        | 6                   | 2-3000                              | St.cu       | 8           | A.st         | 1               | *        | 9947                          | +7                       | E        | 5              | oRq      | 49           | 82             | 5                   | 1-1000                              | Nb         | 9     | A.st         | 1   | *    |
| 1H. G.M.T. OF 14 <sup>00</sup>                |                               |                          |                                |                          |          |              |                           |                     |                                     |             |             |              |                 |          |                               |                          |          |                |          |              |                |                     |                                     |            |       |              |     |      |
| Esksdalemuir ...                              | 9886                          | +1                       | S                              | 4                        | o        | 43           | 92                        | 6                   | -                                   | St          | 10          | -            | -               | *        | 9892                          | 0                        | SSE      | 4              | orm      | 40           | 92             | 6                   | 15-2000                             | Nb         | 10    | -            | -   | *    |
| Valencia (Cahire's)                           | 9904                          | +2                       | W                              | 6                        | omqr     | 45           | ?                         | ?                   | ?                                   | ?           | ?           | ?            | ?               | 6        | 9930                          | +2                       | SW       | 4              | c        | 46           | 92             | 5                   | 2-3000                              | Cu         | 5     | A.cu         | 2   | 4    |
| Baldonnel                                     | ...                           | ...                      | ...                            | ...                      | ...      | ...          | ...                       | ...                 | ...                                 | ...         | ...         | ...          | ...             | ...      | ...                           | ...                      | ...      | ...            | ...      | ...          | ...            | ...                 | ...                                 | ...        | ...   | ...          | ... | ...  |
| Didsbury                                      | ...                           | ...                      | ...                            | ...                      | ...      | ...          | ...                       | ...                 | ...                                 | ...         | ...         | ...          | ...             | ...      | ...                           | ...                      | ...      | ...            | ...      | ...          | ...            | ...                 | ...                                 | ...        | ...   | ...          | ... | ...  |
| Falmouth                                      | 9923                          | +2                       | WSW                            | 4                        | b        | 46           | 87                        | 7                   | -                                   | St          | 1           | -            | -               | *        | 9998                          | +1                       | SW       | 4              | c        | 45           | 82             | 7                   | -                                   | -          | Ci.st | 7            | -   | *    |
| Calshot (Hants)                               | 10001                         | +3                       | SW                             | 5                        | c        | 47           | 75                        | 6                   | 1-1500                              | St          | 8           | -            | -               | 4        | 10015                         | +1                       | SSW      | 4              | c        | 50           | 92             | 7                   | 15-2000                             | St.cu      | 8     | -            | -   | 3    |
| Lymington (Folkestone)                        | ...                           | ...                      | ...                            | ...                      | ...      | ...          | ...                       | ...                 | ...                                 | ...         | ...         | ...          | ...             | ...      | 10015                         | +2                       | SW       | 7              | cq       | 47           | 87             | 8                   | 1-1000                              | St.cu      | 6     | A.cu         | 1   | *    |
| Aberdeen                                      | ...                           | ...                      | ...                            | ...                      | ...      | ...          | ...                       | ...                 | ...                                 | ...         | ...         | ...          | ...             | ...      | 9915                          | +1                       | SSE      | 3              | b2mc     | 45           | 87             | 5                   | -                                   | -          | Ci.cu | 1            | 3   | *    |
| Howden                                        | ...                           | ...                      | ...                            | ...                      | ...      | ...          | ...                       | ...                 | ...                                 | ...         | ...         | ...          | ...             | ...      | 9934                          | 0                        | SSE      | 5              | or       | 44           | ?              | 5                   | 1-1500                              | Nb         | 10    | -            | -   | *    |
| Cranwell (Lines)                              | 9957                          | +1                       | SSW                            | 5                        | b        | 41           | 92                        | 5                   | -                                   | -           | -           | -            | -               | *        | 9962                          | +1                       | SSW      | 6              | or.f     | 42           | 98             | 5                   | 15-2000                             | Nb         | 10    | -            | -   | *    |
| Felixstowe                                    | ...                           | ...                      | ...                            | ...                      | ...      | ...          | ...                       | ...                 | ...                                 | ...         | ...         | ...          | ...             | ...      | 10029                         | +3                       | SSW      | 5              | bq       | 48           | 82             | 6                   | 3-4000                              | F.cu       | 1     | -            | -   | 3    |
| Shoeburyness                                  | ...                           | ...                      | ...                            | ...                      | ...      | ...          | ...                       | ...                 | ...                                 | ...         | ...         | ...          | ...             | ...      | 10014                         | +3                       | SSW      | 4              | b        | 47           | 75             | 7                   | -                                   | -          | A.sc  | 2            | -   | *    |
| Benson                                        | ...                           | ...                      | ...                            | ...                      | ...      | ...          | ...                       | ...                 | ...                                 | ...         | ...         | ...          | ...             | ...      | 9991                          | +2                       | SSW      | 4              | b        | 45           | 82             | 6                   | -                                   | Cu         | 1     | -            | -   | *    |
| S. Farnborough                                | ...                           | ...                      | ...                            | ...                      | ...      | ...          | ...                       | ...                 | ...                                 | ...         | ...         | ...          | ...             | ...      | 10048                         | +2                       | SW       | 6              | bm       | 46           | 82             | 7                   | 15-2000                             | Cu         | 2     | -            | -   | *    |
| London (Kew Obs.)                             | 9984                          | +1                       | ...                            | ...                      | ...      | 45           | ...                       | ...                 | ...                                 | ...         | ...         | ...          | ...             | ...      | 10007                         | +2                       | SSW      | 4              | bzw      | 48           | 82             | 5                   | 1-5000                              | St.cu      | 1     | -            | -   | *    |
| Croydon                                       | 9995                          | +2                       | S                              | 2                        | bw       | 41           | 92                        | 5                   | 2-3000                              | St          | 1           | -            | -               | *        | 10014                         | +2                       | SW       | 3              | bq       | 47           | 92             | 7                   | 2-3000                              | St         | 2     | A.st         | 1   | *    |
| STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H. |                               |                          |                                |                          |          |              |                           |                     |                                     |             |             |              |                 |          |                               |                          |          |                |          |              |                |                     |                                     |            |       |              |     |      |
| STATIONS.                                     | BAROM.<br>at<br>M.S.L.<br>mb. | TEMP.<br>°F.             | WIND.                          |                          | WEATHER. | BAROMETER.   |                           | TEMPERATURE.        |                                     | WIND.       |             | Dir.         | Upper<br>Cloud. | WEATHER. | Sea.                          | RAINFALL<br>mm.          | TEMP.    |                | WEATHER. |              |                | Sunshine<br>Hours.  |                                     |            |       |              |     |      |
|                                               |                               |                          | at<br>M.S.L.<br>mb.            | Change<br>in 3<br>hours. |          | Temp.<br>°F. | Change<br>in 24<br>hours. | Dir.                | Force<br>0-12.                      | Max.<br>°F. | Min.<br>°F. |              |                 |          |                               |                          | Morning. | Afternoon.     | Night.   |              |                |                     |                                     |            |       |              |     |      |
|                                               |                               |                          | 7H. G.M.T. OF 14 <sup>00</sup> |                          |          |              |                           |                     |                                     |             |             |              |                 |          |                               |                          |          |                |          |              |                |                     |                                     |            |       |              |     |      |
| Lerwick                                       | 9977                          | 44                       | E                              | 4                        | omd      | 9968         | 41                        | 43                  | 0                                   | SE          | 2           | -            | fw              | 1        | 0.1                           | 45                       | 39       | omd            | omd      | fw           | *              |                     |                                     |            |       |              |     |      |
| Stornoway                                     | 9876                          | 48                       | E                              | 3                        | c        | 9885         | 48                        | 46                  | +2                                  | NE          | 2           | -            | c               | 2        | 3                             | 51                       | 43       | a              | oc       | fw           | 2.6            |                     |                                     |            |       |              |     |      |
| Castlebary (Barra)                            | 9850                          | 50                       | NE                             | 4                        | op       | 9859         | 51                        | 48                  | +                                   | E           | 3           | -            | or              | 3        | 2                             | 53                       | 46       | co b           | oc       | op           | 5.8            |                     |                                     |            |       |              |     |      |
| Glasgow                                       | 9852                          | 46                       | ENE                            | 4                        | omh      | 9860         | 46                        | 44                  | +2                                  | E           | 3           | -            | omg             | *        | 4                             | 51                       | 41       | c. or          | om       | op           | 2.0            |                     |                                     |            |       |              |     |      |
| Malin Head                                    | 9791                          | 47                       | E                              | 4                        | om       | 9858         | 41                        | 46                  | +2                                  | SW          | 3           | -            | omd             | 3        | 1                             | 48                       | 44       | om             | omf      | omd          | 0.2            |                     |                                     |            |       |              |     |      |
| Blacksod Point                                | 9809                          | 50                       | N                              | 2                        | om       | 9885         | 43                        | 48                  | 0                                   | NW          | 1           | -            | bc              | 1        | 1                             | 50                       | 43       | bch.           | bc       | omd bc       | *              |                     |                                     |            |       |              |     |      |
| Roche's Point                                 | 9865                          | 48                       | WSW                            | 6                        | o        | 9939         | 43                        | 47                  | -2                                  | WSW         | 2           | SW           | c               | 4        | 0.4                           | 50                       | 46       | h.o.           | of.o     | oc           | *              |                     |                                     |            |       |              |     |      |
| Birr Castle                                   | 9804                          | 49                       | S                              | 2                        | r        | 9899         | 48                        | 48                  | 0                                   | SW          | 1           | -            | o               | *        | 11                            | 52                       | 46       | or             | or       | orzo         | 0.0            |                     |                                     |            |       |              |     |      |
| Donaghadee                                    | 9814                          | 47                       | SSE                            | 3                        | om       | 9875         | 44                        | 48                  | +3                                  | SW          | 3           | -            | om              | 2        | 2                             | 48                       | 47       | cq.p           | omp      | om           | *              |                     |                                     |            |       |              |     |      |
| Liverpool (Bidston)                           | 9863                          | 46                       | SSE                            | 5                        | o        | 9915         | 42                        | 47                  | +1                                  | SW          | 4           | SW           | o               | 4        | 1                             | 56                       | 43       | oc             | bco      | op           | 1.6            |                     |                                     |            |       |              |     |      |
| Holyhead                                      | 9839                          | 48                       | SW                             | 7                        | cqg      | 9905         | 43                        | 47                  | +1                                  | WSW         | 5           | -            | cqg             | 5        | 1                             | 52                       | 45       | opcp           | opcp     | cogpc        | 0.5            |                     |                                     |            |       |              |     |      |
| Pembroke (St. Ann's Head)                     | 9905                          | 48                       | SW                             | 7                        | cq       | 9957         | 43                        | 47                  | -1                                  | SSW         | 6           | -            | eq              | 7        | 3                             | 49                       | 44       | clog.          | clog.    | eqog         | 0.0            |                     |                                     |            |       |              |     |      |
| Selly (St. Mary's)                            | 9948                          | 48                       | W                              | 6                        | c        | 9992         | 48                        | 48                  | 0                                   | SW          | 2           | -            | o               | 4        | 1                             | 52                       | 45       | coc            | c.bec    | bcop         | 5.2            |                     |                                     |            |       |              |     |      |
| Jersey (St. Aubin)                            | 9996                          | 51                       | WSW                            | 5                        | b        | 10035        | 49                        | 49                  | -2                                  | SW          | 4           | SW           | c               | 3        | 1                             | 53                       | 47       | of.b.          | o.c.b.   | bc           | 2.7            |                     |                                     |            |       |              |     |      |
| Portland Bill                                 | 9949                          | 49                       | SSW                            | 6                        | oq       | 9997         | 42                        | 48                  | -2                                  | SW          | 6           | -            | eq              | 6        | 1                             | 52                       | 44       | oq             | oq       | cq           | *              |                     |                                     |            |       |              |     |      |
| Dungeness                                     | 9948                          | 51                       | SW                             | 5                        | b        | 10020        | 42                        | 49                  | 0                                   | SW          | 5           | -            | b               | 5        | -                             | 55                       | 45       | c              | c.b.     | c.b.         | *              |                     |                                     |            |       |              |     |      |
| Wick                                          | 9917                          | 42                       | E                              | 2                        | f        | 9910         | 44                        | 44                  | +1                                  | SE          | 3           | -            | f               | 4        | 3                             | 44                       | 41       | omf            | f        | f            | *              |                     |                                     |            |       |              |     |      |
| Nairn                                         | 9879                          | 50                       | FSE                            | 3                        | c        | 9890         | 49                        | 49                  | +9                                  | -           | 0           | -            | bc              | 1        | 0.4                           | 56                       | 40       | opc            | cqg      | cgo          | 1.2            |                     |                                     |            |       |              |     |      |
| Leith                                         | 9860                          | 47                       | NE                             | 1                        | o        | 9889         | 45                        | 45                  | +3                                  | SE          | 2           | -            | o               | 2        | 3                             | 53                       | 43       | omoc           | cgo      | orcgo        | *              |                     |                                     |            |       |              |     |      |
| Tynemouth                                     | 9883                          | 46                       | S                              | 4                        | om       | 9922         | 42                        | 44                  | +1                                  | SSW         | 3           | -            | cm              | 3        | -                             | 47                       | 42       | om             | bc       | ambm         | *              |                     |                                     |            |       |              |     |      |
| Spurn Head                                    | 9902                          | 50                       | SSW                            | 3                        | cpd      | 9943         | 44                        | 44                  | -3                                  | SW          | 6           | -            | ogp             | 5        | 1                             | 53                       | 40       | bc             | bcp      | bcp          | *              |                     |                                     |            |       |              |     |      |
| Yarmouth                                      | 9972                          | 50                       | SSW                            | 6                        | bc       | 10006        | 41                        | 45                  | -2                                  | SW          | 4           | -            | ogp             | 5        | 1                             | 53                       | 42       | bcmg.          | bcmg.    | bcpbm        | 11.2           |                     |                                     |            |       |              |     |      |
| Clacton-on-Sea                                | 9938                          | 53                       | SSW                            | 4                        | c        | 10013        | 43                        | 48                  | -1                                  | SSW         | 5           | -            | b               | 4        | 1                             | 55                       | 46       | c.bch.         | bch.     | bcbp         | 3.6            |                     |                                     |            |       |              |     |      |
| Nottingham                                    | 9907                          | 52                       | S                              | 4                        | c        | 9955         | 44                        | 44                  | -6                                  | SW          | 4           | -            | or              | *        | 8                             | 55                       | 43       | c.of.          | ch.oth   | bcb          | 1.2            |                     |                                     |            |       |              |     |      |



# SUMMARY OF CONDITIONS AT 7 A.M.T. Wednesday 14th April, 1920.

| Districts.                   | Wind.<br>Velocity in m.p.h. | Temperature. | Weather, Cloud and Precipitation. | Visibility. | Sea.     |
|------------------------------|-----------------------------|--------------|-----------------------------------|-------------|----------|
| 1. S.E. England              | SWly 15-30                  | R.Mild       | Fine to cloudy; squalls.          | Good        | R.Rough  |
| 2. E. England                | SWly 15-20                  | "            | Fine to fair; squalls.            | Fair        | Slight   |
| 3. E. Midlands               | SWly 15-20                  | "            | Fine to dull; local rain.         | Fair        | -        |
| 4. W. Midlands               | SWly 15-20                  | "            | Fair to dull.                     | Fair        | -        |
| 5. S.W. England              | SWly 15-30                  | Normal       | Dull to cloudy; squalls.          | Good        | R.Rough  |
| 6. South Wales               | SSWly 20-30                 | R.Mild       | Cloudy, squally.                  | Good        | High     |
| 7. North Wales               | SWly 15-20                  | "            | Cloudy, squally.                  | Fair        | R.Rough  |
| 8. N.W. England              | SWly 15-20                  | Normal       | Dull.                             | Fair        | Moderate |
| 9. N. Midlands               | SWly 10-15                  | "            | Dull.                             | Fair        | -        |
| 10. N.E. England             | SW-S 15-30                  | "            | Dull to cloudy; local rain        | Indif.      | Slight   |
| 11. E. Scotland              | SSEly 5-10                  | R.Mild       | Fair to dull; local fog.          | "           | "        |
| 12. S.W. Scotland            | E-S 10-15                   | Normal       | Dull, misty; some rain.           | Fair        | Smooth   |
| 13. Isle of Man              | SWly 15-20                  | R.Mild       | Dull, misty.                      | Indif       | "        |
| 14. N.&N.W.Scot-<br>land     | SE-NE 5-10                  | Mild         | Fair, foggy.                      | Poor        | Slight   |
| 15. Hebrides                 | NEly 5-10                   | R.Mild       | Cloudy.                           | Indif       | Smooth   |
| 16. Orkneys and<br>Shetlands | SEly 5-10                   | Normal       | Foggy.                            | Poor        | V.smooth |
| 17. N.W. Ireland             | W-NW 0-5                    | "            | Fair.                             | Fair        | "        |
| 18. N.E. Ireland             | SWly 10-15                  | R.Mild       | Dullmist; some drizzle.           | Indif       | Slight   |
| 19. S.E. Ireland             | WSWly 0-5                   | "            | Dull to cloudy.                   | Fair        | Moderate |
| 20. S.W. Ireland             | SWly 10-15                  | Normal       | Cloudy.                           | V.Good      | "        |



**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn at intervals of two millibars.  
**WIND.**—Direction is shown by an 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 Fahrenheit.  
**WEATHER SYMBOLS.**  
 ○ clear sky. ○ sky & clouds  
 ⊙ overcast sky. ● rain falling  
 \* snow. ▲ hail. ≡ fog  
 T thunder. R thunderstorm  
**SEA DISTURBANCE.**  
 Rough High

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

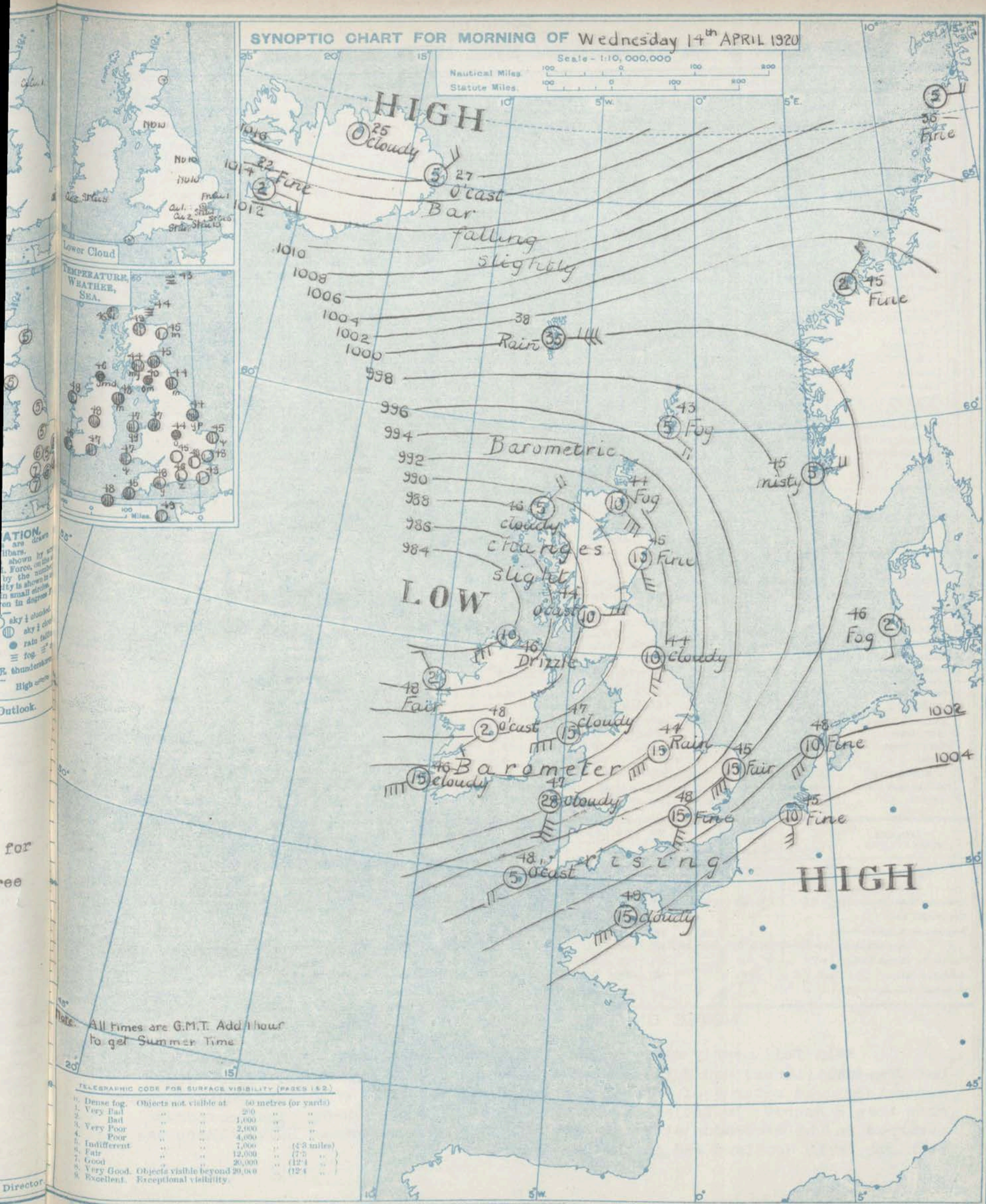
A depression North of Ireland will move slowly north. Fresh to strong SW winds will continue over England, and changeable showery weather is likely for two or three days in all parts of the Kingdom.

| Districts.                | Forecasts for the 24 hours commencing 3 p.m. 15h. G.M.T. Wednesday, 14 <sup>th</sup> APRIL, 1920.                             |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 1. S.E. England           | Wind S. to SW, fresh or strong; Much low cloud, with bright intervals, showery; visibility mainly good; Moderate temperature. |
| 2. E. England             |                                                                                                                               |
| 3. E. Midlands            |                                                                                                                               |
| 4. W. Midlands            |                                                                                                                               |
| 5. S.W. England           |                                                                                                                               |
| 6. South Wales            |                                                                                                                               |
| 7. North Wales            |                                                                                                                               |
| 8. N.W. England           |                                                                                                                               |
| 9. N. Midlands            |                                                                                                                               |
| 10. N.E. England          |                                                                                                                               |
| 11. E. Scotland           | Moderate Southerly wind; Much low cloud, with bright intervals; showery; visibility fair to good; moderate temperature.       |
| 12. S.W. Scotland         | Moderate S to SW wind; Much low cloud, rain at times, Visibility fair to good; moderate temperature.                          |
| 13. Isle of Man           | Light SE to S breezes; Much low cloud, some rain. visibility indifferent to fair; Moderate temperature.                       |
| 14. N.&N.W.Scotland       |                                                                                                                               |
| 15. Hebrides              |                                                                                                                               |
| 16. Orkneys and Shetlands |                                                                                                                               |
| 17. N.W. Ireland          | Moderate S to S wind; Much low cloud, some rain, visibility fair; moderate temperature.                                       |
| 18. N.E. Ireland          | Same as 12-15.                                                                                                                |
| 19. S.E. Ireland          | Moderate SW wind, backing and freshening later; Much low cloud, with bright intervals, showery; visibility mainly good.       |
| 20. S.W. Ireland          |                                                                                                                               |



# SYNOPTIC CHART FOR MORNING OF Wednesday 14<sup>th</sup> APRIL 1920

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



ATION.  
are shown  
shown by  
Force, on the  
by the number  
ity is shown in  
in small circles  
on in degrees  
sky & clouds  
sky & clouds  
rain falling  
fog  
thunderstorms  
High

Outlook.

for  
ee

Note. All times are G.M.T. Add 1 hour  
to get Summer Time

## TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)

|    | Dense fog. Objects not visible at 50 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.                     |                   |

Director



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 8195

Wednesday  
14<sup>th</sup> AprilWEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 13<sup>th</sup>

| STATIONS.               | WEATHER.        |                 | TEMPERATURE. |      | RAINFALL.       |                 | SUNSHINE.       |                    | STATIONS.         | WEATHER.        |                 | TEMPERATURE. |      | RAINFALL.       |                 | SUNSHINE.       |                    |
|-------------------------|-----------------|-----------------|--------------|------|-----------------|-----------------|-----------------|--------------------|-------------------|-----------------|-----------------|--------------|------|-----------------|-----------------|-----------------|--------------------|
|                         | Forenoon.       | Afternoon.      | Max.         | Min. | Night.          | Day.            | to 17h.         | Sunrise to Sunset. |                   | Forenoon.       | Afternoon.      | Max.         | Min. | Night.          | Day.            | to 17h.         | Sunrise to Sunset. |
|                         | 12 <sup>h</sup> | 12 <sup>h</sup> | °F.          | °F.  | 12 <sup>h</sup> | 12 <sup>h</sup> | 12 <sup>h</sup> | 12 <sup>h</sup>    |                   | 12 <sup>h</sup> | 12 <sup>h</sup> | °F.          | °F.  | 12 <sup>h</sup> | 12 <sup>h</sup> | 12 <sup>h</sup> | 12 <sup>h</sup>    |
| Scotland.               |                 |                 |              |      |                 |                 |                 |                    | England, N.W.     |                 |                 |              |      |                 |                 |                 |                    |
| Oban ...                | c.b.c.          | o.h.            | 58           | 44   | -               | 1               | 3.5             | 0.0                | Douglas (I.O.M.)  | p. of.          | c.              | 57           | 43   | 2               | 2               | 2.2             | 0.0                |
| Banff ...               | a.c.            | c.b.c.          | 51           | 41   | 1               | -               | 2.4             | 1.7                | Blackpool ...     | a.c.            | c.b.c.          | 56           | 42   | 2               | 1               | 1.7             | 0.0                |
| Montrose ...            | rf              | of.             | 46           | 40   | 7               | 0.3             | 0.0             | 0.0                | Southport ...     | a.c.            | c.b.c.          | 56           | 42   | 2               | 1               | 1.7             | 0.0                |
| St. Andrews ...         |                 |                 |              |      |                 |                 |                 |                    |                   |                 |                 |              |      |                 |                 |                 |                    |
| England, E.             |                 |                 |              |      |                 |                 |                 |                    | Midlands.         |                 |                 |              |      |                 |                 |                 |                    |
| Harrogate ...           | a.p.            | a.c.p.          | 53           | 39   | 3               | 1               | 0.3             | 0.0                | Buxton ...        | a.c.p.          | b.c.p.          | 51           | 38   | 9               | 1               | 0.3             | ?                  |
| Scarborough ...         | bc              | bc              | 53           | 43   | 3               | -               | 4.2             | 0.0                | Learmonth Spa ... | c.b.c.          | c.b.c.          | 53           | 43   | 0.2             | 1               | 1.4             | 1.0                |
| Skegness ...            | a.b.c.          | b.b.c.          | 56           | 48   | -               | 1               | 6.4             | 0.2                | Malvern ...       | a.c.            | c.o.            | 55           | 44   | 1               | 0.3             | 1.6             | ?                  |
| Lowestoft ...           | bc.b.           | b.b.c.          | 55           | 46   | 0.4             | -               | 9.0             | 2.2                | Ross-on-Wye ...   | a.c.p.          | a.c.p.          | 56           | 47   | 3               | 1               | 1.7             | 2.3                |
| Felixstowe ...          | a.c.p.          | a.c.p.          | 54           | 49   | -               | -               | 6.5             | 0.0                | Bath ...          | a.c.p.          | a.c.p.          | 55           | 48   | 2               | 4               | 0.5             | 2.3                |
| Southend-on-Sea ...     | a.c.p.          | b.c.c.          | 49           | 44   | 0.1             | -               | 3.1             | 0.0                | Rhyl ...          | c.b.c.          | b.c.c.          | 57           | 44   | 3               | 0.4             | 2.3             | 0.5                |
| England, S.E.           |                 |                 |              |      |                 |                 |                 |                    | Wales.            |                 |                 |              |      |                 |                 |                 |                    |
| Tunbridge Wells ...     | a.c.p.          | c.b.c.          | 54           | 45   | -               | 0.3             | 1.7             | 0.9                | Colwyn Bay ...    | a.c.            | p.c.c.          | 56           | 44   | 2               | -               | 4.7             | 0.0                |
| Margate ...             | of              | c.b.c.          | 58           | 46   | -               | 2               | 3.4             | 0.0                | Llandudno ...     | a.c.            | p.c.c.          | 56           | 44   | 2               | 0.3             | 2.2             | 0.2                |
| Ramsgate ...            |                 |                 | 54           | 45   | 0.2             | 1               | 4.4             | 0.0                | Aberystwyth ...   | a.c.            | p.c.c.          | 54           | 48   | -               | 1               | 1.0             | 1.5                |
| Folkestone ...          | a.c.p.          | c               | 55           | 46   | 0.3             | -               | 2.2             | 0.0                | Swansea ...       |                 |                 |              |      |                 |                 |                 |                    |
| Hastings ...            | a.c.p.          | bc              | 54           | 47   | Trace           | -               | 1.7             | 1.1                | Weymouth ...      | b.c.p.          | bc              | 56           | 48   | 4               | 0.2             | 2.2             | 4.1                |
| Eastbourne ...          | a.c.p.          | bc              | 56           | 48   | -               | 1               | 5.1             | 2.1                | Teignmouth ...    | a.c.p.          | bc              | 53           | 49   | 2               | 1               | 2.3             | 2.5                |
| Brighton ...            | a.c.p.          | bc              | 54           | 48   | 0.2             | 0.2             | 5.3             | 2.5                | Torquay ...       | a.c.p.          | of              | 54           | 49   | 2               | 1               | 3.0             | 3.7                |
| Worthing ...            | a.c.            | bc.b            | 56           | 48   | -               | -               | 6.5             | 3.2                | Paignton ...      | a.c.p.          | ch.g.           | 55           | 47   | 3               | 1               | 2.2             | 3.9                |
| Littlehampton ...       | bc.m.           | bc              | 54           | 48   | -               | -               | 6.0             | 3.0                | Penzance ...      | c.b.c.          | bc              | 54           | 48   | 3               | -               | 5.6             | 5.2                |
| Portsmouth (S. Sea) ... | a               | a               | 55           | 47   | -               | 1               | 3.5             | 2.7                | Newquay ...       | a               | b.c.p.          | 51           | 47   | 8               | 0.4             | 2.5             | 2.5                |
| Bournemouth ...         | a               | a               | 54           | 48   | 3               | -               | 2.0             | 3.0                | Bude ...          | a.c.p.          | c.b.c.          | 52           | 48   | 2               | -               | 3.5             | 2.7                |
| Ventnor (I. of W.) ...  | a               | a               | 53           | 46   | 1               | 1               | 4.0             | 2.1                | Ilfracombe ...    | a.c.p.          | a.c.p.          | 51           | 49   | 3               | 2               | 0.8             | 3.7                |
|                         |                 |                 |              |      |                 |                 |                 |                    | Weston-s-Mare ... | a.c.p.          | p.c.c.          | 54           | 46   | 1               | 3               | 0.8             | 3.7                |
|                         |                 |                 |              |      |                 |                 |                 |                    | Tenby ...         | a.c.p.          | bc.c.           | 51           | 48   | 7               | 1               | 0.4             | 2.5                |

## SUMMARIES FOR PAST 24 HOURS.

| STATIONS.                  | SUMMARIES FOR PAST 24 HOURS. |              |               |           |              |                |                |                    |                |                         | BEAUFORT NOTATION.<br>b blue sky (not more than a quarter covered).<br>bc sky partly cloudy (one half covered).<br>c generally cloudy (three quarters covered).<br>d drizzle, or fine rain.<br>e wet air without rain falling.<br>f fog. g gloom.<br>h hail. i lightning.<br>m mist. o overcast sky.<br>p passing showers.<br>q squalls. r rain.<br>rs sleet, i.e., rain and snow together.<br>s snow. t thunder.<br>u ugly, threatening sky.<br>v unusual visibility.<br>w dew. x hoar frost.<br>y dry air; humidity less than 60 per cent.<br>z dust haze; the turbid atmosphere of dry weather. | THE BEAUFORT SCALE OF WIND FORCE.<br>Used only for surface observations. |     |                                                   |  |
|----------------------------|------------------------------|--------------|---------------|-----------|--------------|----------------|----------------|--------------------|----------------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-----|---------------------------------------------------|--|
|                            | WEATHER.                     |              |               |           |              | Max. Temp. °F. | Min. Temp. °F. | Min. on Grass. °F. | RAINFALL.      |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Sun. Hours.                                                              | No. | Limits of Velocity at about 30 feet above ground. |  |
|                            | 7h-13h.13"                   | 13h-18h.14"  | 18h-19h.15"   | 1h-7h.16" | Day. 7h-18h. |                |                |                    | Night. 18h-7h. | Statute miles per hour. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |     | Metres per second.                                |  |
|                            |                              |              |               |           |              | mm.            | mm.            |                    |                |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |     |                                                   |  |
| Eskdalemuir ... ..         | b.c.c.m.                     | o.m.o.m.     | o.o.m.m.      | o.o.m.m.  | 50           | 40             | 38             | 4                  | 3              | 2.0                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |     |                                                   |  |
| Valencia (Cahirciveen) ... | of                           | of           | o.d.o.p.      |           | 49           | 46             | 44             | 1                  | 3              | 0.0                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |     |                                                   |  |
| Baldonnel ... ..           | g.c.o.                       | g.r.r        |               |           |              |                |                |                    |                |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |     |                                                   |  |
| Didsbury ... ..            | b.c.c.                       | c.t.r        |               |           |              |                |                |                    |                |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |     |                                                   |  |
| Falmouth ... ..            | o.g.c.g.y                    | b.g.b.g      | b.g.b         | b.c.c     | 53           | 42             | 38             | 1                  | -              | 4.3                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |     |                                                   |  |
| Calshot (Hants) ... ..     | c.f.o                        | c.o.b.c.c    | b.b.c.o       | c.o.g     | 55           | 46             | *              | -                  | 2              | 4                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |     |                                                   |  |
| Lympne (Folkestone) ...    | f.c.                         | o.f.g.y.b.m  |               | b.m.c.g   | 53           | 42             | 39             | 0.3                | -              | 2.9                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |     |                                                   |  |
| Aberdeen ... ..            | o.f.d.                       | o.f.o.f.c    | a.c.m.w.o     |           | 46           | 42             | 38             | 0.1                | -              | 0.7                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |     |                                                   |  |
| Howden ... ..              | u.c.o.                       | t.r          | l.r.r.b.o     |           | 56           | 41             | *              | *                  | *              | *                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |     |                                                   |  |
| Cranwell (Lincs) ... ..    | R.o.m                        | P.c.         | b.o.m.p.      |           | 56           | 40             | *              | 1                  | 7              | 1.8                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |     |                                                   |  |
| Felixstowe ... ..          | c.o.g.                       | c.o.u.       | b.b.c.g       |           | 56           | 45             | *              | *                  | *              | *                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |     |                                                   |  |
| Shoeburyness ... ..        | o.f.c.                       | o.f.o.f.     | o.r.c.b.c.b   |           | 58           | 43             | 39             | 1                  | 1              | 2.1                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |     |                                                   |  |
| Benson ... ..              | o.f.                         | f.g.h        | c.b           |           | 56           | 41             | 35             | 4                  | -              | *                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |     |                                                   |  |
| S. Farnborough ... ..      | o.f.c.a.c.o                  | o.f.c.o.f.   | f.b.b.p       |           | 57           | 42             | 38             | 3                  | trace          | 2.4                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |     |                                                   |  |
| London (Kew Obsy.) ...     | o.m.d.o.f                    | o.f.c.o.f.o. | o.c.b.c.b.z.w |           | 58           | 44             | 37             | 4                  | trace          | 2.9                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |     |                                                   |  |
| Croydon ... ..             | f.o                          | o.d.g.o.g.   | z.w           | w.p       | 56           | 42             | 41             | 2                  | 1              | *                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |     |                                                   |  |

## LONDON OBSERVATIONS.

| LONDON OBSERVATIONS.                      | WEATHER. |            |        | Max. Temp. °F. | Min. Temp. °F. | Min. on Grass °F. | Rain-fall. mm. | Sun-shine 15 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. 13 <sup>th</sup> |          |            |        |                |                |                   |                |                            | YESTERDAY.   |             | TO-DAY.                                                                       |                                                                                                   | 14 <sup>th</sup> & 15 <sup>th</sup> April 1920. |       |         |      |
|                                           |          |            |        |                |                |                   |                |                            |              |             | Vertical Component of Solar Radiation per Square Centimetre during yesterday. | Stations.                                                                                         | Sunrise                                         | Noon. | Sunset. |      |
| Greenwich (Royal Observatory)             | cp.      | cp ⊕       | cp.b   | 60             | 42             | 38                | 3              | 3.4                        | 81           | 65          |                                                                               | Total ..... 705 ..... Joules.<br><br>Milliwatts.<br>Average Rate. 14.4<br>Maximum Rate. 69        | Yarmouth...                                     | 4.59  | 11.53   | 6.47 |
| City (Bunhill Row)                        | *        | *          | *      | *              | *              | *                 | *              | 2.4                        | *            | *           |                                                                               |                                                                                                   | Greenwich                                       | 4.57  | 11.53   | 6.46 |
| Westminster (St. James's Park)            | *        | *          | *      | 58             | 45             | 38                | 4              | 2.4                        | 65           | 59          |                                                                               |                                                                                                   | Wick                                            | 5.9   | 12.0    | 6.52 |
| .. (Admiralty Arch)                       | ondomg   | bcq.op     | bcq.bq | 58             | 45             | *                 | 4              | 2.0                        | 74           | 69          |                                                                               |                                                                                                   | Valencia ...                                    | 5.49  | 12.41   | 7.34 |
| Camden Sq. (British Rainfall)             | opc      | bcor       | *      | 59             | 43             | 37                | 4              | *                          | 67           | 61          |                                                                               |                                                                                                   |                                                 |       |         |      |
| Kensington Palace                         | odrc     | or         | *      | 58             | 43             | 36                | 6              | *                          | 91(18h)      | 72          |                                                                               |                                                                                                   |                                                 |       |         |      |
| Hampstead Observatory                     | *        | *          | *      | 55             | 42             | 37                | 2              | 1.8                        | *            | 67          |                                                                               |                                                                                                   |                                                 |       |         |      |

## NOTES ON THE WEATHER OF YESTERDAY.

Rain fell nearly everywhere. The largest total was 11 mm at Birr Castle, but Cranwell (Lincs) and Nottingham had 8 mm and Eskdalemuir 7 mm. There some moderately good records of sunshine, several stations in the East of England recording more than 6 hours. In Ireland there appears to have been none. Thunderstorms occurred in the afternoon at Nottingham and near Manchester and Hull. There was fog at night in NE Scotland and in the Shetlands,





ENDED 7H. 12

| AN. | Min.<br>s. E. |
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| 100. | 100 |

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# SUMMARY OF CONDITIONS AT 7 H. A.M.T. Thursday 15th, April, 1920.

| Districts.                | Wind.<br>Velocity in m.p.h. | Temperature. | Weather, Cloud and Precipitation. | Visibility. | Sea.      |
|---------------------------|-----------------------------|--------------|-----------------------------------|-------------|-----------|
| 1. S.E. England           | SW-S 20-35                  | V.Mild       | Fair to dull; squally showers.    | Good        | R. Rough  |
| 2. E. England             | SW-S 20-35                  | "            | Fair to dull; squally showers.    | "           | "         |
| 3. E. Midlands            | SWly 10-20                  | "            | Dull; rain and squalls            | "           | -         |
| 4. W. Midlands            | SWly 10-20                  | Mild         | Dull, squally.                    | Fair        | -         |
| 5. S.W. England           | SW-S 20-35                  | R.Mild       | Dull, squally; some rain.         | Indif       | Rough     |
| 6. South Wales            | S'ly 15-20                  | Mild         | Dull, squally.                    | "           | Mod.      |
| 7. North Wales            | S-SE 10-20                  | "            | Dull, mist and rain.              | Poor        | "         |
| 8. N.W. England           | S-SE 10-20                  | "            | Dull, drizzling.                  | "           | Slight    |
| 9. N. Midlands            | S'ly 10-20                  | "            | Dull.                             | "           | -         |
| 10. N.E. England          | SW-S 5-15                   | "            | Dull, misty & squally.            | "           | Smooth    |
| 11. E. Scotland           | SE-NE 0-5                   | Normal       | Dull, mist and drizzle.           | Fair        | "         |
| 12. S.W. Scotland         | E-SE 10-15                  | R.Mild       | Dull, mist and rain.              | Poor        | V. Smooth |
| 13. Isle of Man           | S-SE 10-15                  | "            | Dull, misty.                      | "           | Smooth    |
| 14. N. & N.W. Scotland    | S-SE 0-5                    | "            | Fair to dull; misty               | Indif       | "         |
| 15. Hebrides              | S-SE 0-5                    | "            | Dull.                             | "           | "         |
| 16. Orkneys and Shetlands | S'ly light.                 | R.Mild.      | Dull, misty.                      | "           | V. Smooth |
| 17. N.W. Ireland          | E'ly 10                     | Normal       | Cloudy, showery.                  | Fair        | Slight    |
| 18. N.E. Ireland          | E'ly 5-10                   | "            | Dull, drizzle and mist            | Poor        | Smooth    |
| 19. S.E. Ireland          | SSEly 5-10                  | R.Mild       | Dull, drizzle and mist            | "           | Mod.      |
| 20. S.W. Ireland          | SSEly 10-15                 | "            | Dull, showery.                    | Good        | Slight    |

Upper Cloud

Visibility

**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.—Isobars are drawn at intervals of 1°.  
 WEATHER SYMBOLS.—  
 ☉ clear sky. ☁ sky & clouds. ☁ sky & rain. ☁ overcast sky. ☁ rain falling. \* snow. ▲ hail. ☁ fog. T thunder. R thunder.  
 SEA DISTURBANCE.—  
 Rough. High.

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

A deep depression off SW Ireland will probably move slowly NE or N. The wind will be strong from a Southerly direction over the Southern half of the kingdom, reaching gale force at times, but further north moderate winds from SE are likely. Rain will fall in all districts but in the South there will be some bright intervals. Unsettled conditions will continue for two or three days.

| Districts.                                                                                                                                                             | Forecasts for the 24 hours commencing 3 p.m. 15th G.M.T. Thursday, 15th APRIL, 1920.                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands<br>4. W. Midlands<br>5. S.W. England<br>6. South Wales                                                              | Strong S to SW wind, a gale at times; Much low cloud showery, some bright intervals; Visibility mainly good; Moderate temperature.    |
| 7. North Wales<br>8. N.W. England<br>9. N. Midlands<br>10. N.E. England                                                                                                | Fresh or strong Southerly wind, veering to SW; Much low cloud, rain at times, visibility fair to good; moderate temperature.          |
| 11. E. Scotland<br>12. S.W. Scotland<br>13. Isle of Man<br>14. N. & N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands<br>17. N.W. Ireland<br>18. N.E. Ireland | Moderate SE wind; Mainly dull, low cloud, rain at times; visibility indifferent; moderate temperature.                                |
| 19. S.E. Ireland<br>20. S.W. Ireland                                                                                                                                   | Fresh Southerly wind, veering and becoming stronger; Much low cloud, showery, some bright intervals, Visibility fair to good; colder. |

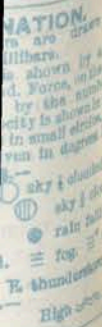
Further Outlook.

Unsettled for two or three days.

† South Cone Flying



A hand-drawn map of the Hawaiian Islands, showing the main islands and surrounding waters. The map includes a scale bar at the top right, labeled "Scale - 1/10,000,000". The scale bar has two units: Nautical Miles (0 to 100) and Statute Miles (0 to 100). The map also shows a compass rose with the letter "H" and a small circle with the number "26". Several lines are drawn across the map, with labels "1016", "1014", and "1012" indicating distances or coordinates. The map is drawn on a grid with latitude and longitude lines.



Flying  
Director



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 100.

Thursday

15 APRIL

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

| STATIONS.           | WEATHER.  |            | TEMPERATURE. |         | RAINFALL.     |             | SUNSHINE.   |                        | STATIONS.         | WEATHER.  |            | TEMPERATURE. |         | RAINFALL.     |             | SUNSHINE.   |                        |
|---------------------|-----------|------------|--------------|---------|---------------|-------------|-------------|------------------------|-------------------|-----------|------------|--------------|---------|---------------|-------------|-------------|------------------------|
|                     | Forenoon. | Afternoon. | Max. F.      | Min. F. | Night. 12-14. | Day. 14-17. | to 17h. 14. | Sunrise to Sunset. 13. |                   | Forenoon. | Afternoon. | Max. F.      | Min. F. | Night. 12-14. | Day. 14-17. | to 17h. 14. | Sunrise to Sunset. 13. |
| Scotland.           |           |            |              |         |               |             |             |                        | England, N.W.     |           |            |              |         |               |             |             |                        |
| Oban ...            | do        | do         | 50           | 45      | 1             | 1           | 0.0         | 4.5                    | Douglas (I.O.M.)  | orc       | orc        | 49           | 44      | 1             | 2           | 0.1         | 2.4                    |
| Banff ...           | cb        | cor        | 51           | 47      | -             | 0.2         | 5.0         | 2.4                    | Blackpool ...     | orc       | orc        | 52           | 44      | 1             | 1           | 0.4         | 1.7                    |
| Montrose ...        | of        | orf        | 47           | 43      | -             | 2           | 2.0         | 0.0                    | Southport ...     | orc       | orc        | 52           | 44      | 1             | 1           | 0.4         | 1.7                    |
| St. Andrews ...     | o         | p          | 52           | 42      | 1             | 2           | 0.9         | 1                      |                   |           |            |              |         |               |             |             |                        |
| England, N.E.       |           |            |              |         |               |             |             |                        | Midlands.         |           |            |              |         |               |             |             |                        |
| Harrogate ...       | ob        | opco       | 49           | 41      | 2             | 0.4         | 0.1         | 0.3                    | Buxton ...        | bcpc      | or top     | 49           | 38      | 10            | 3           | 0.2         | 0.7                    |
| Scarborough ...     | o         | o          | 51           | 41      | 1             | 1           | 3.8         | 1.2                    | Leamington Spa... | c         | ccb        | 56           | 41      | 1             | -           | 6.7         | 1.7                    |
| Skegness ...        | obc       | bcop       | 55           | 43      | 2             | 1           | 4.5         | 6.1                    | Malvern ...       | bc        | co         | 59           | 42      | 3             | 0.1         | 6.1         | 1.6                    |
| England, E.         |           |            |              |         |               |             |             |                        | Ross-on-Wye ...   | cpbc      | cogp       | 59           | 42      | 3             | 1           | 4.2         | 2.1                    |
| Lowestoft ...       | bc        | c, b, r, h | 55           | 42      | 1             | 1           | 8.1         | 9.9                    | Bath ...          | bc        | bc         | 56           | 44      | 0.4           | 0.4         | 4.4         | 0.5                    |
| Felixstowe ...      | bc        | cg         | 55           | 47      | 1             | -           | 1.0         | 6.5                    | Rhyl ...          | bc        | c          | 52           | 43      | 0.3           | 1           | 0.2         | 2.3                    |
| Southend-on-Sea...  | bc        | bc         | 56           | 43      | 2             | 0.3         | 7.8         | 3.1                    | Colwyn Bay ...    | *         | *          | 52           | 45      | 1             | -           | 0.4         | 4.7                    |
| England, S.E.       |           |            |              |         |               |             |             |                        | Wales.            |           |            |              |         |               |             |             |                        |
| Tunbridge Wells     | bc        | bc         | 54           | 43      | -             | -           | 5.3         | 2.0                    | Llandudno ...     | *         | *          | 52           | 45      | 1             | -           | 0.4         | 4.7                    |
| Margate ...         | bc        | bc         | 57           | 43      | -             | 1           | 8.5         | 3.4                    | Aberystwyth ...   | roc       | cc         | 52           | 46      | 7             | -           | 1.4         | 1.0                    |
| Ramsgate ...        | bc        | o          | 53           | 42      | -             | 1           | 8.0         | 4.4                    | Swansea ...       | roc       | cc         | 52           | 46      | 7             | -           | 1.4         | 1.0                    |
| Folkestone ...      | bc        | o          | 56           | 46      | -             | -           | 8.1         | 2.3                    | Weymouth ...      | bc        | or         | 58           | 46      | -             | 3           | 3.2         | 2.8                    |
| Hastings ...        | bc        | bc         | 55           | 46      | -             | 0.2         | 8.4         | 2.5                    | Teignmouth ...    | bc        | or         | 54           | 45      | 0.2           | 6           | 2.9         | 2.9                    |
| Eastbourne ...      | bc        | bc         | 56           | 46      | -             | 1           | 7.9         | 5.6                    | Torquay ...       | bc        | or         | 53           | 45      | 1             | 7           | 4.0         | 3.3                    |
| Brighton ...        | bc        | bc         | 54           | 48      | -             | -           | 6.1         | 5.8                    | Paignton ...      | bc        | or         | 59           | 42      | 2             | 10          | 3.9         | 1.5                    |
| Worthing ...        | bc        | o          | 56           | 47      | -             | -           | 7.0         | 6.5                    | Penzance ...      | bc        | or         | 52           | 44      | 1             | 8           | 2.0         | 5.6                    |
| Littlehampton ...   | bc        | or         | 53           | 45      | 0.1           | -           | 5.2         | 5.4                    | Newquay ...       | bc        | or         | 59           | 48      | -             | 6           | 2.0         | 3.4                    |
| Portsmouth (Sthsea) | bc        | o          | 58           | 46      | -             | 1           | 6.1         | 3.5                    | Bude ...          | bc        | bc         | 54           | 44      | -             | 5           | 5.1         | 3.6                    |
| Bournemouth ...     | *         | *          | 58           | 48      | -             | 1           | 3.0         | 2.0                    | Ilfracombe ...    | bc        | or         | 55           | 47      | 1             | 7           | 4.5         | 1.0                    |
| Ventnor (I. of W.)  | *         | *          | 54           | 44      | -             | 1           | 4.8         | 4.9                    | Weston-s-Mare ... | bc        | bc         | 56           | 43      | 1             | 1           | 5.5         | 1.1                    |
|                     |           |            |              |         |               |             |             |                        | Wenby ...         | bc        | bc         | 52           | 47      | 5             | 5           | 2.3         | 0.4                    |

## SUMMARIES FOR PAST 24 HOURS.

| STATIONS.              | WEATHER. |         | TEMPERATURE. |         | RAINFALL. |         | SUNSHINE. |         |
|------------------------|----------|---------|--------------|---------|-----------|---------|-----------|---------|
|                        | 12-13h.  | 13-14h. | 14-15h.      | 15-16h. | 16-17h.   | 17-18h. | 18-19h.   | 19-20h. |
| Eskdalemuir ...        | bc       | bc      | bc           | bc      | bc        | bc      | bc        | bc      |
| Valencia (Cabrilsveen) | bc       | bc      | bc           | bc      | bc        | bc      | bc        | bc      |
| Baldonnell ...         | bc       | bc      | bc           | bc      | bc        | bc      | bc        | bc      |
| Didsbury ...           | bc       | bc      | bc           | bc      | bc        | bc      | bc        | bc      |
| Falmouth ...           | bc       | bc      | bc           | bc      | bc        | bc      | bc        | bc      |
| Calshot (Hants)        | bc       | bc      | bc           | bc      | bc        | bc      | bc        | bc      |
| Lymington (Folkestone) | bc       | bc      | bc           | bc      | bc        | bc      | bc        | bc      |
| Aberdeen ...           | bc       | bc      | bc           | bc      | bc        | bc      | bc        | bc      |
| Howden ...             | bc       | bc      | bc           | bc      | bc        | bc      | bc        | bc      |
| Cranwell (Lincs)       | bc       | bc      | bc           | bc      | bc        | bc      | bc        | bc      |
| Felixstowe ...         | bc       | bc      | bc           | bc      | bc        | bc      | bc        | bc      |
| Shoeburyness ...       | bc       | bc      | bc           | bc      | bc        | bc      | bc        | bc      |
| Benson ...             | bc       | bc      | bc           | bc      | bc        | bc      | bc        | bc      |
| S. Farnborough ...     | bc       | bc      | bc           | bc      | bc        | bc      | bc        | bc      |
| London (Kew Obs.)      | bc       | bc      | bc           | bc      | bc        | bc      | bc        | bc      |
| Croydon ...            | bc       | bc      | bc           | bc      | bc        | bc      | bc        | bc      |

## BEAUFORT NOTATION.

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

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

## THE BEAUFORT SCALE OF WIND FORCE.

| No. | Limits of Velocity at about 30 feet above ground. |                    |
|-----|---------------------------------------------------|--------------------|
|     | Statute miles per hour.                           | Metres per second. |
| 0   | Less than 1                                       | Less than 0.3      |
| 1   | 1-3                                               | 0.3-1.5            |
| 2   | 4-7                                               | 1.6-3.5            |
| 3   | 8-12                                              | 5.4-6.4            |
| 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                                             | 24.5-28.1          |
| 11  | 64-75                                             | 28.2-33.6          |
| 12  | Above 75                                          | 33.7 or above      |

## SYMBOLS-

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

## LONDON.

## OBSERVATIONS.

| STATIONS.                      | WEATHER. |            | TEMPERATURE. |         | RAINFALL. |                | SUNSHINE.  |             |
|--------------------------------|----------|------------|--------------|---------|-----------|----------------|------------|-------------|
|                                | Morning. | Afternoon. | Night.       | Max. F. | Min. F.   | Min. on Grass. | to Sunset. | to Sunrise. |
| Greenwich (Royal Observatory)  | cp       | o          | or, or       | 58      | 47        | 46             | 4          | 6.6         |
| City (Bunhill Row)             | *        | *          | *            | *       | *         | *              | *          | 6.5         |
| Westminster (St. James's Park) | *        | *          | *            | *       | *         | *              | *          | 7.1         |
| " (Admiralty Arch)             | bczghp   | cogp       | orop         | 57      | 49        | 46             | 5          | 5.5         |
| Camden Sq. (British Rainfall)  | bcop     | bc         | o            | 58      | 48        | 46             | 6          | 5.6         |
| Kensington Palace              | c        | o, or      | *            | 57      | 46        | 46             | 6          | 7.9 (18h)   |
| Hampstead Observatory          | *        | *          | *            | 54      | 46        | 44             | 6          | 6.1         |

## SOUTH KENSINGTON

## (Meteorological Office).

| Vertical Component of Solar Radiation per Square Centimetre during yesterday. | HUMIDITY % |      |
|-------------------------------------------------------------------------------|------------|------|
|                                                                               | 15h.       | 16h. |
| Total                                                                         | 1177       | 1077 |
| Average Rate                                                                  | 23.8       | 21.4 |
| Maximum Rate                                                                  | 74         | 91   |

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

| Stations.    | 15 <sup>th</sup> & 16 <sup>th</sup> APRIL 1920. |        |        |
|--------------|-------------------------------------------------|--------|--------|
|              | G.M.T.                                          | G.M.T. | G.M.T. |
| Yarmouth...  | 4.57                                            | 11.53  | 6.46   |
| Greenwich    | 5.7                                             | 12.0   | 6.53   |
| Wick         | 5.3                                             | 12.12  | 7.22   |
| Valencia ... | 5.47                                            | 12.41  | 7.35   |

## NOTES ON THE WEATHER OF YESTERDAY.

Rain again fell generally, several stations recording more than 10 mm, and Falmouth as much as 17 mm.

Sunshine records were nevertheless fairly good, especially in the East of England. Yarmouth had over 10 hours, Lowestoft and Clacton about 9 hours. The temperature reached 50 or 55° generally. Hail showers were experienced in parts of SE England.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B21330

FRIDAY, 16<sup>TH</sup> APRIL 1920.

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

| STATIONS.                                    | 13H. G.M.T. OF 15 <sup>h</sup> |                          |                                   |          |                                   |                                              |                                   |                                     |                     |                       | 18H. G.M.T. OF 15 <sup>h</sup> |                               |                          |                                   |                    |                    |                |                     |                                     |                     |                                    |             |     |   |   |  |  |  |  |  |
|----------------------------------------------|--------------------------------|--------------------------|-----------------------------------|----------|-----------------------------------|----------------------------------------------|-----------------------------------|-------------------------------------|---------------------|-----------------------|--------------------------------|-------------------------------|--------------------------|-----------------------------------|--------------------|--------------------|----------------|---------------------|-------------------------------------|---------------------|------------------------------------|-------------|-----|---|---|--|--|--|--|--|
|                                              | BAROM.<br>at<br>M.S.L.<br>mb.  | Change<br>in 3<br>hours. | WIND.<br>Direc.<br>Force<br>0-12. | WEATHER. | TEMP.<br>°F.                      | HUMIDITY.<br>%                               | VISIBILITY.<br>0-9.               | Height<br>of Low<br>Cloud.<br>Feet. | Low Cloud.<br>Form. | Upper Cloud.<br>Form. | Sea<br>0-9.                    | BAROM.<br>at<br>M.S.L.<br>mb. | Change<br>in 3<br>hours. | WIND.<br>Direc.<br>Force<br>0-12. | WEATHER.           | TEMP.<br>°F.       | HUMIDITY.<br>% | VISIBILITY.<br>0-9. | Height<br>of Low<br>Cloud.<br>Feet. | Low Cloud.<br>Form. | Upper Cloud.<br>Form.              | Sea<br>0-9. |     |   |   |  |  |  |  |  |
| Eskdalemuir ...                              | 981.6                          | 0                        | SSW 5                             | o        | 49                                | 92                                           | 6                                 | 2000                                | Nb                  | 9                     | Ast                            | 1                             | 981.1                    | 0                                 | SSW 4              | om                 | 47             | 97                  | 4                                   | 1250                | Nb                                 | 10          | -   | - | 3 |  |  |  |  |  |
| Valencia (Cahire'n)                          | 975.2                          | +3                       | WSW 2                             | o        | 51                                | 92                                           | 6                                 | 750                                 | St                  | 9                     | -                              | 3                             | 974.6                    | +4                                | NW 3               | o                  | 49             | 92                  | 6                                   | 750                 | St                                 | 10          | -   | - | 3 |  |  |  |  |  |
| Baldonnel ...                                | 979.4                          | -2                       | S 4                               | o        | 48                                | 82                                           | 5                                 | 1,250                               | St                  | 8                     | Ast                            | 2                             | 977.9                    | -1                                | S 3                | o                  | 53             | 97                  | 4                                   | 3000                | St                                 | 5           | Ast | 3 | - |  |  |  |  |  |
| Didsbury ...                                 | 984.3                          | 0                        | SW 5                              | o        | 57                                | 92                                           | 4                                 | 750                                 | Nb                  | 10                    | -                              | -                             | 983.1                    | -1                                | SSW 5              | om                 | 52             | -                   | 4                                   | 3000                | Nb                                 | 9           | Ast | 1 | - |  |  |  |  |  |
| Falmouth ...                                 | 984.8                          | -2                       | SSW 8                             | o        | 51                                | 92                                           | 4                                 | -                                   | Nb                  | 10                    | -                              | -                             | 985.8                    | +2                                | SSW 8              | om                 | 50             | 85                  | 4                                   | -                   | Nb                                 | 10          | -   | - | - |  |  |  |  |  |
| Calshot (Hants) ...                          | 992.5                          | +1                       | SSW 6                             | o        | 52                                | 85                                           | 6                                 | 1,250                               | Cum                 | 10                    | -                              | -                             | 992.4                    | +1                                | SSW 7              | o                  | 53             | 85                  | 6                                   | 750                 | St                                 | 4           | Ast | 3 | 4 |  |  |  |  |  |
| Lymington (Folkestone)                       | 993.7                          | 0                        | SSW 8                             | o        | 55                                | 75                                           | 8                                 | 1,250                               | St                  | 5                     | Ci                             | 3                             | 993.9                    | 0                                 | SSW 8              | o                  | 52             | 75                  | 7                                   | 3000                | St                                 | 3           | Ast | 4 | - |  |  |  |  |  |
| Aberdeen ...                                 | 983.1                          | -3                       | ESE 2                             | o        | 47                                | 92                                           | 3                                 | -                                   | St                  | 10                    | -                              | -                             | 981.4                    | -1                                | ESE 2              | o                  | 45             | 92                  | 1                                   | -                   | St                                 | 10          | -   | - | 2 |  |  |  |  |  |
| Howden ...                                   | 984.4                          | +1                       | S 5                               | o        | 55                                | 85                                           | 5                                 | 3000                                | St                  | 10                    | -                              | -                             | 983.4                    | -2                                | SSE 5              | o                  | 52             | 85                  | 5                                   | 3000                | St                                 | 9           | -   | - | - |  |  |  |  |  |
| Cranwell (Lines)                             | 987.1                          | 0                        | SSW 6                             | o        | 58                                | 75                                           | 6                                 | 1,250                               | St                  | 9                     | Ci                             | 1                             | 986.5                    | -2                                | SSW 6              | o                  | 51             | 92                  | 6                                   | 1,250               | St                                 | 10          | -   | - | - |  |  |  |  |  |
| Felixstowe ...                               | 994.9                          | +2                       | SSW 5                             | o        | 59                                | 65                                           | 8                                 | 2,000                               | Fr                  | 4                     | Fr                             | 3                             | 994.2                    | 0                                 | SW 4               | o                  | 53             | 85                  | 6                                   | 4,200               | Nb                                 | 7           | -   | - | 5 |  |  |  |  |  |
| Shoeburyness...                              | 993.6                          | +1                       | SW 7                              | o        | 58                                | 65                                           | 7                                 | 2,000                               | Cum                 | 6                     | Ast                            | 2                             | 992.0                    | -1                                | SW 7               | o                  | 54             | 85                  | 7                                   | 2,000               | Nb                                 | 5           | Ast | 2 | - |  |  |  |  |  |
| Benson ...                                   | 987.1                          | +1                       | SSW 7                             | o        | 54                                | 75                                           | 5                                 | -                                   | Nb                  | 10                    | -                              | -                             | 989.9                    | 0                                 | SSW 6              | o                  | 51             | 85                  | 6                                   | -                   | Nb                                 | 5           | Ast | 1 | - |  |  |  |  |  |
| S. Farnborough                               | 991.8                          | +1                       | SW 7                              | o        | 51                                | 92                                           | 4                                 | 750                                 | Nb                  | 10                    | -                              | -                             | 991.0                    | -1                                | SSW 8              | o                  | 53             | 75                  | 7                                   | 1,250               | St                                 | 5           | Ast | 1 | - |  |  |  |  |  |
| London (Kew Obs.)                            | 991.7                          | +1                       | SW 6                              | o        | 57                                | 65                                           | 8                                 | 3,000                               | St                  | 8                     | Ast                            | 2                             | 991.7                    | 0                                 | SW 5               | o                  | 54             | 75                  | 8                                   | 3,000               | Nb                                 | 9           | -   | - | - |  |  |  |  |  |
| Croydon ...                                  | 992.9                          | 0                        | SW 7                              | o        | 55                                | 75                                           | 7                                 | 2,000                               | St                  | 6                     | Ast                            | 4                             | 993.0                    | 0                                 | SSW 6              | o                  | 53             | 85                  | 6                                   | 1,250               | St                                 | 6           | Ast | 1 | - |  |  |  |  |  |
| 1H. G.M.T. OF 16 <sup>h</sup>                |                                |                          |                                   |          |                                   |                                              |                                   |                                     |                     |                       |                                |                               |                          |                                   |                    |                    |                |                     |                                     |                     |                                    |             |     |   |   |  |  |  |  |  |
| Eskdalemuir ...                              | 980.8                          | 0                        | SSW 3                             | o        | 46                                | 97                                           | 3                                 | 1,250                               | Nb                  | 10                    | -                              | -                             | 982.2                    | +3                                | SSW 3              | o                  | 45             | 97                  | 3                                   | 750                 | St                                 | 10          | -   | - | - |  |  |  |  |  |
| Valencia (Cahire'n)                          | 983.8                          | +10                      | NW 7                              | o        | 47                                | -                                            | -                                 | -                                   | -                   | -                     | -                              | 6                             | 982.2                    | +7                                | NW 4               | o                  | 47             | 85                  | 8                                   | 2,000               | St                                 | 9           | -   | - | 3 |  |  |  |  |  |
| Baldonnel ...                                | 979.8                          | +1                       | SSW 4                             | o        | 48                                | 97                                           | 4                                 | 2,000                               | St                  | 10                    | -                              | -                             | 986.0                    | +12                               | S 4                | o                  | 45             | 92                  | 5                                   | 1,250               | Nb                                 | 10          | -   | - | - |  |  |  |  |  |
| Didsbury ...                                 | -                              | -                        | -                                 | -        | -                                 | -                                            | -                                 | -                                   | -                   | -                     | -                              | -                             | 985.7                    | +2                                | SW 5               | o                  | 48             | 85                  | 4                                   | 750                 | Nb                                 | 10          | -   | - | - |  |  |  |  |  |
| Falmouth ...                                 | 990.7                          | +3                       | SW 7                              | o        | 49                                | 85                                           | 6                                 | -                                   | St                  | 8                     | -                              | -                             | 994.0                    | +4                                | SW 6               | o                  | 49             | 97                  | 6                                   | -                   | Nb                                 | 10          | -   | - | - |  |  |  |  |  |
| Calshot (Hants) ...                          | -                              | -                        | -                                 | -        | -                                 | -                                            | -                                 | -                                   | -                   | -                     | -                              | -                             | 995.6                    | +2                                | SSW 6              | o                  | 50             | 92                  | 6                                   | 1,250               | St                                 | 9           | Ast | 1 | 4 |  |  |  |  |  |
| Lymington (Folkestone)                       | -                              | -                        | -                                 | -        | -                                 | -                                            | -                                 | -                                   | -                   | -                     | -                              | -                             | 996.3                    | +3                                | SW 8               | o                  | 50             | 85                  | 6                                   | 1,250               | Nb                                 | 10          | -   | - | - |  |  |  |  |  |
| Aberdeen ...                                 | -                              | -                        | -                                 | -        | -                                 | -                                            | -                                 | -                                   | -                   | -                     | -                              | -                             | 981.8                    | +2                                | SSW 2              | o                  | 45             | 92                  | 4                                   | -                   | St                                 | 10          | -   | - | 2 |  |  |  |  |  |
| Howden ...                                   | -                              | -                        | -                                 | -        | -                                 | -                                            | -                                 | -                                   | -                   | -                     | -                              | -                             | 984.6                    | +2                                | S 5                | o                  | 49             | 85                  | 5                                   | 750                 | Nb                                 | 10          | -   | - | - |  |  |  |  |  |
| Cranwell (Lines)                             | 987.6                          | 0                        | S 5                               | o        | 49                                | 92                                           | 5                                 | 2,000                               | Nb                  | 10                    | -                              | -                             | 989.4                    | +4                                | SSW 6              | o                  | 50             | 85                  | 7                                   | 2,000               | St                                 | 7           | Ast | 7 | - |  |  |  |  |  |
| Felixstowe ...                               | -                              | -                        | -                                 | -        | -                                 | -                                            | -                                 | -                                   | -                   | -                     | -                              | -                             | 996.8                    | +2                                | SSW 5              | o                  | 51             | 92                  | 5                                   | 2,000               | St                                 | 8           | -   | - | 5 |  |  |  |  |  |
| Shoeburyness...                              | -                              | -                        | -                                 | -        | -                                 | -                                            | -                                 | -                                   | -                   | -                     | -                              | -                             | 995.5                    | +1                                | SW 7               | o                  | 51             | 75                  | 7                                   | 2,000               | Cum                                | 8           | Ast | 1 | - |  |  |  |  |  |
| Benson ...                                   | -                              | -                        | -                                 | -        | -                                 | -                                            | -                                 | -                                   | -                   | -                     | -                              | -                             | 992.0                    | +4                                | SSW 6              | o                  | 49             | 85                  | 5                                   | -                   | Cu                                 | 8           | -   | - | - |  |  |  |  |  |
| S. Farnborough                               | -                              | -                        | -                                 | -        | -                                 | -                                            | -                                 | -                                   | -                   | -                     | -                              | -                             | 994.1                    | +4                                | SSW 7              | o                  | 49             | 92                  | 5                                   | 750                 | Nb                                 | 10          | -   | - | - |  |  |  |  |  |
| London (Kew Obs.)                            | 992.4                          | 0                        | -                                 | -        | 51                                | -                                            | -                                 | -                                   | -                   | -                     | -                              | -                             | 994.4                    | +3                                | SSW 5              | o                  | 50             | 85                  | 8                                   | 4,200               | Fr                                 | 3           | Ci  | 1 | - |  |  |  |  |  |
| Croydon ...                                  | 993.7                          | +1                       | SSW 7                             | o        | 51                                | 85                                           | 5                                 | 1,250                               | Nb                  | 7                     | -                              | -                             | 994.9                    | +3                                | SW 5               | o                  | 49             | 92                  | 8                                   | 1,250               | St                                 | 6           | -   | - | - |  |  |  |  |  |
| STATIONS CONTRIBUTING REPORTS AT 7H AND 13H. |                                |                          |                                   |          |                                   |                                              |                                   |                                     |                     |                       |                                |                               |                          |                                   |                    |                    |                |                     |                                     |                     |                                    |             |     |   |   |  |  |  |  |  |
| STATIONS.                                    | 13H. G.M.T. OF 15 <sup>h</sup> |                          |                                   |          |                                   |                                              |                                   |                                     |                     |                       | 7H. G.M.T. OF 16 <sup>h</sup>  |                               |                          |                                   |                    |                    |                |                     |                                     |                     | 24 HOURS ENDED 7H. 16 <sup>h</sup> |             |     |   |   |  |  |  |  |  |
|                                              | BAROM.<br>at<br>M.S.L.<br>mb.  | TEMP.<br>°F.             | WIND.<br>Direc.<br>Force<br>0-12. | WEATHER. | BAROMETER.<br>at<br>M.S.L.<br>mb. | TEMPERATURE.<br>Change<br>in 3 hours.<br>°F. | WIND.<br>Direc.<br>Force<br>0-12. | WEATHER.                            | SEA<br>0-9.         | RAINFALL<br>mm.       | TEMP.<br>Max.<br>°F.           | TEMP.<br>Min.<br>°F.          | WEATHER.<br>Morning.     | WEATHER.<br>Afternoon.            | WEATHER.<br>Night. | Sunshine<br>Hours. |                |                     |                                     |                     |                                    |             |     |   |   |  |  |  |  |  |
| Lerwick ...                                  | 984.3                          | 45                       | ESE 2                             | om       | 983.0                             | +1                                           | 40                                | -5                                  | S 1                 | -                     | f                              | 0                             | 1                        | 49                                | 38                 | bc                 | om             | f                   | 3/1                                 |                     |                                    |             |     |   |   |  |  |  |  |  |
| Stornoway ...                                | 980.3                          | 50                       | ESE 2                             | o        | 982.5                             | +3                                           | 45                                | -1                                  | -                   | 0                     | o                              | 0                             | 1                        | 49                                | 43                 | opco               | om             | o                   | 3/1                                 |                     |                                    |             |     |   |   |  |  |  |  |  |
| Castlebay (Garrats)                          | 979.9                          | 48                       | N 3                               | o        | 984.7                             | +3                                           | 47                                | +6                                  | SW 2                | -                     | o                              | 5                             | 1                        | 49                                | 43                 | opco               | om             | o                   | 3/1                                 |                     |                                    |             |     |   |   |  |  |  |  |  |
| Glasgow ...                                  | 980.2                          | 49                       | SW 2                              | om       | 983.2                             | +3                                           | 47                                | +6                                  | SW 2                | -                     | o                              | 5                             | 1                        | 49                                | 43                 | opco               | om             | o                   | 3/1                                 |                     |                                    |             |     |   |   |  |  |  |  |  |
| Malin Head ...                               | 979.9                          | 45                       | NNE 2                             | om       | 983.2                             | +2                                           | 44                                | +1                                  | NW 3                | NW                    | om                             | 3                             | 13                       | 47                                | 42                 | om                 | om             | om                  | 0.0                                 |                     |                                    |             |     |   |   |  |  |  |  |  |
| Blacksod Point                               | 975.5                          | 44                       | N 4                               | o        | 989.0                             | +6                                           | 46                                | +1                                  | NW 2                | -                     | bc                             | 2                             | 6                        | 48                                | 42                 | om                 | om             | om                  | -                                   |                     |                                    |             |     |   |   |  |  |  |  |  |
| Roche's Point...                             | 977.6                          | 50                       | SSW 3                             | o        | 990.5                             | +7                                           | 47                                | -2                                  | W 3                 | -                     | o                              | 4                             | 5                        | 54                                | 45                 | d.f.c              | o              | o                   | -                                   |                     |                                    |             |     |   |   |  |  |  |  |  |
| Birr Castle ...                              | 975.1                          | 53                       | SE 1                              | o        | 988.0                             | -                                            | 46                                | -2                                  | W 2                 | -                     | r                              | -                             | 4                        | 56                                | 44                 | cop                | cop            | or                  | 2.2                                 |                     |                                    |             |     |   |   |  |  |  |  |  |
| Donaghadee ...                               | 979.9                          | 49                       | S 3                               | om       | 983.6                             | +3                                           | 46                                | +1                                  | NW 2                | -                     | om                             | 2                             | 4                        | 52                                | 44                 | om                 | om             | om                  | -                                   |                     |                                    |             |     |   |   |  |  |  |  |  |
| Liverpool (Bldston)                          | 981.6                          | 50                       | S 3                               | o        | 984.3                             | +4                                           | 49                                | 0                                   | SSW 5               | S                     | o                              | 4                             | 5                        | 56                                | 44                 | bc.op              | op             | op                  | 3.4                                 |                     |                                    |             |     |   |   |  |  |  |  |  |
| Holyhead ...                                 | 979.8                          | 49                       | SSW 4                             | opaf     | 982.7                             | +3                                           | 48                                | -1                                  | SW 5                | -                     | o                              | 4                             | 3                        | 53                                | 46                 | opaf               | op             | op                  | 0.2                                 |                     |                                    |             |     |   |   |  |  |  |  |  |
| Pembroke (St. Ann's Head)                    | 980.0                          | 48                       | S 6                               | o        | 988.8                             | +3                                           | 47                                | -2                                  | SSW 7               | SW                    | o                              | 7                             | 7                        | 50                                | 46                 | opaf               | op             | op                  | 0.1                                 |                     |                                    |             |     |   |   |  |  |  |  |  |
| Silly (St. Mary's)                           | 985.3                          | 49                       | SW 6                              | o        | 994.7                             | +5                                           | 46                                | -2                                  | W 5                 | W                     | o                              | 6                             | 4                        | 53                                | 47                 | comp               | comp           | comp                | 1.3                                 |                     |                                    |             |     |   |   |  |  |  |  |  |
| Jersey (St. Aubin)                           | 995.4                          | 55                       | SSW 6                             | o        | 993.6                             | +1                                           | 51                                | -2                                  | SW 6                | -                     | o                              | 5                             | -                        | 60                                | 50                 | c.o.bc             | bc             | bc                  | 5.2                                 |                     |                                    |             |     |   |   |  |  |  |  |  |
| Portland Bill ...                            | 990.2                          | 51                       | SSW 8                             | o        | 993.7                             | +3                                           | 51                                | +2                                  | SSW 8               | -                     | o                              | 4                             | 2                        | 53                                | 44                 | o                  | o              | o                   | -                                   |                     |                                    |             |     |   |   |  |  |  |  |  |
| Dungeness ...                                | 994.4                          | 53                       | SW 5                              | o        | 996.6                             | +1                                           | 51                                | -1                                  | SW 9                | SW                    | bcq                            | 7                             | -                        | 57                                | 49                 | opaf               | op             | op                  | -                                   |                     |                                    |             |     |   |   |  |  |  |  |  |
| Wick ...                                     | 981.6                          | 44                       | NE 2                              | om       | 982.0                             | +3                                           | 43                                | -1                                  | NW 2                | -                     | om                             | 1                             | -                        | 46                                | 38                 | om                 | om             | om                  | -                                   |                     |                                    |             |     |   |   |  |  |  |  |  |
| Nairn ...                                    | 979.7                          | 45                       | E 2                               | o        | 982.4                             | -                                            | 43                                | -2                                  | -                   | 0                     | o                              | 0                             | -                        | 52                                | 42                 | c.bc.cq            | om             | om                  | 1.6                                 |                     |                                    |             |     |   |   |  |  |  |  |  |
| Leith ...                                    | 979.3                          | 53                       | SW 2                              | o        | 981.1                             | +1                                           | 47                                | +4                                  | NW 1                | -                     | om                             | 1                             | -                        | 54                                | 43                 | odo                | om             | om                  | -                                   |                     |                                    |             |     |   |   |  |  |  |  |  |
| Tynemouth ...                                | 982.1                          | 51                       | WSW 2                             | om       | 982.6                             | +2                                           | 49                                | +2                                  | WSW 2               | -                     | om                             | 1                             | -                        | 58                                | 46                 | om                 | om             | om                  | -                                   |                     |                                    |             |     |   |   |  |  |  |  |  |
| Spurn Head ...                               | 985.4                          | 52                       | SSW 6                             | o        | 987.0                             | +1                                           | 50                                | +2                                  | SSW 6               | -                     | o                              | 6                             | -                        | 56                                | 47                 | o                  | o              | o                   | -                                   |                     |                                    |             |     |   |   |  |  |  |  |  |
| Yarmouth (Gosport)                           | 991.9                          | 52                       | SW 8                              | o        | 994.2                             | +2                                           | 51                                | -1                                  | SW 9                | -                     | o                              | 6                             | -                        | 60                                | 50                 | bc.cq              | bc             | bc                  | 5.2                                 |                     |                                    |             |     |   |   |  |  |  |  |  |
| Clacton-on-Sea                               | 993.1                          | 55                       | SW 6                              | o        | 995.2                             | +2                                           | 51                                | -2                                  | SSW 6               | SW                    | o                              | 5                             | -                        | 58                                | 49                 | c.bc.c             | o              | o                   | 3.0                                 |                     |                                    |             |     |   |   |  |  |  |  |  |
| Nottingham ...                               | 985.4                          | 53                       | SSW 5                             | o        | 988.6                             | -                                            | 50                                | -1                                  | SW 5                | SW                    | o                              | 4                             | -                        | 58                                | 49                 | o                  | o              | o                   | 1.2                                 |                     |                                    |             |     |   |   |  |  |  |  |  |

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

§ For code see page 2.



# SUMMARY OF CONDITIONS AT 77 AM G.M.T. Friday, 16th April, 1920.

| Districts.                | Wind Velocity in m.p.h. | Temperature. | Weather, Cloud and Precipitation. | Visibility. | Sea.      |
|---------------------------|-------------------------|--------------|-----------------------------------|-------------|-----------|
| 1. S.E. England           | Swly 20-40              | Mild.        | Dull to fair; squally showers.    | Good        | Rough     |
| 2. E. England             | Swly 20-40              | V. Mild      | Dull to cloudy; squally showers.  | Fair        | R. Rough  |
| 3. E. Midlands            | Swly 10-20              | Mild.        | Dull to cloudy; squally showers.  | Good        | -         |
| 4. W. Midlands            | Swly 10-20              | "            | Dull, squally.                    | Fair        | -         |
| 5. S.W. England           | SSW 20-40               | R. Mild      | Dull; rain and squalls.           | Fair        | High      |
| 6. South Wales            | SSWly 30-35             | "            | Cloudy; squally.                  | "           | "         |
| 7. North Wales            | Swly 20-30              | "            | Dull; squally.                    | Indif       | Mod.      |
| 8. N.W. England           | SSWly 10-15             | R. Mild      | Cloudy.                           | "           | "         |
| 9. N. Midlands            | Swly 10-15              | "            | Dull to cloudy.                   | "           | -         |
| 10. N.E. England          | W-S 10-20.              | Mild         | Dull, mist & drizzle.             | "           | Smooth    |
| 11. E. Scotland           | Var. Light              | R. Mild      | Dull, mist & Drizzle.             | Poor        | "         |
| 12. S.W. Scotland         | Swly 5-10.              | "            | Dull, mist and drizzle.           | V. Poor     | "         |
| 13. Isle of Man           | Wly 10-15.              | "            | Dull, misty.                      | Poor        | "         |
| 14. N. & N.W. Scotland    | W-NW 0-5                | Normal       | Dull, misty.                      | "           | V. Smooth |
| 15. Hebrides              | N-NW 0-5.               | "            | Dull, misty.                      | Indif.      | Smooth    |
| 16. Orkneys and Shetlands | S ly light              | "            | Foggy.                            | Bad.        | Calm.     |
| 17. N.W. Ireland          | Nwly 5-10               | "            | Fair.                             | Indif.      | Smooth    |
| 18. N.E. Ireland          | Nwly 5-10               | "            | Dull, misty.                      | Poor        | Slight    |
| 19. S.E. Ireland          | S-W 5-15                | "            | Dull, some rain.                  | Fair        | Mod.      |
| 20. S.W. Ireland          | Nwly 10-15              | "            | Dull.                             | V. Good     | Slight    |

## GENERAL INFERENCE from observations received up to

A depression over Scotland will move N or NNE. Showery weather is probable in all districts, and over England the wind will continue strong to a Gale from SW. Unsettled weather is likely to continue for two or three days.

**EXPLANATION.**  
 BAROMETER.—Isobars are shown at intervals of two millibars.  
 WIND.—Direction is shown by the flying with the wind. Force, colour flying with the wind. Force, colour 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 millibars.  
 WEATHER SYMBOLS.—  
 ☉ clear sky. ☁ sky & cloud. ☂ rain falling. ☄ overcast sky. ☇ rain falling. \* snow. ▲ hail. ☼ fog. ☄ thunder. ☄ thunder.



## Districts. Forecasts for the 24 hours commencing 15h G.M.T. Friday, 16th APRIL, 1920.

## Further Outlook.

|                           |                                                                                                                                  |  |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------|--|
| 1. S.E. England           | Wind SW, strong to a gale; varying amount of low cloud, showery; visibility good; moderate temperature.                          |  |
| 2. E. England             |                                                                                                                                  |  |
| 3. E. Midlands            |                                                                                                                                  |  |
| 4. W. Midlands            |                                                                                                                                  |  |
| 5. S.W. England           | Moderate SW wind; much low cloud, some bright intervals, showery, visibility indifferent; moderate temperature.                  |  |
| 6. South Wales            |                                                                                                                                  |  |
| 7. North Wales            |                                                                                                                                  |  |
| 8. N.W. England           |                                                                                                                                  |  |
| 9. N. Midlands            | Light indefinite breezes, becoming moderate from SW; much low cloud, rain at times; visibility poor to indifferent, rather cold. |  |
| 10. N.E. England          |                                                                                                                                  |  |
| 11. E. Scotland           |                                                                                                                                  |  |
| 12. S.W. Scotland         |                                                                                                                                  |  |
| 13. Isle of Man           | Moderate NW to N breeze; varying amount of low cloud, showery; visibility fair to good; rather cold.                             |  |
| 14. N. & N.W. Scotland    |                                                                                                                                  |  |
| 15. Hebrides              |                                                                                                                                  |  |
| 16. Orkneys and Shetlands |                                                                                                                                  |  |
| 17. N.W. Ireland          | Moderate to fresh westerly wind, backing later, much low cloud, showery; visibility fair to good; moderate temperature.          |  |
| 18. N.E. Ireland          |                                                                                                                                  |  |
| 19. S.E. Ireland          |                                                                                                                                  |  |
| 20. S.W. Ireland          |                                                                                                                                  |  |

Unsettled for two or three days

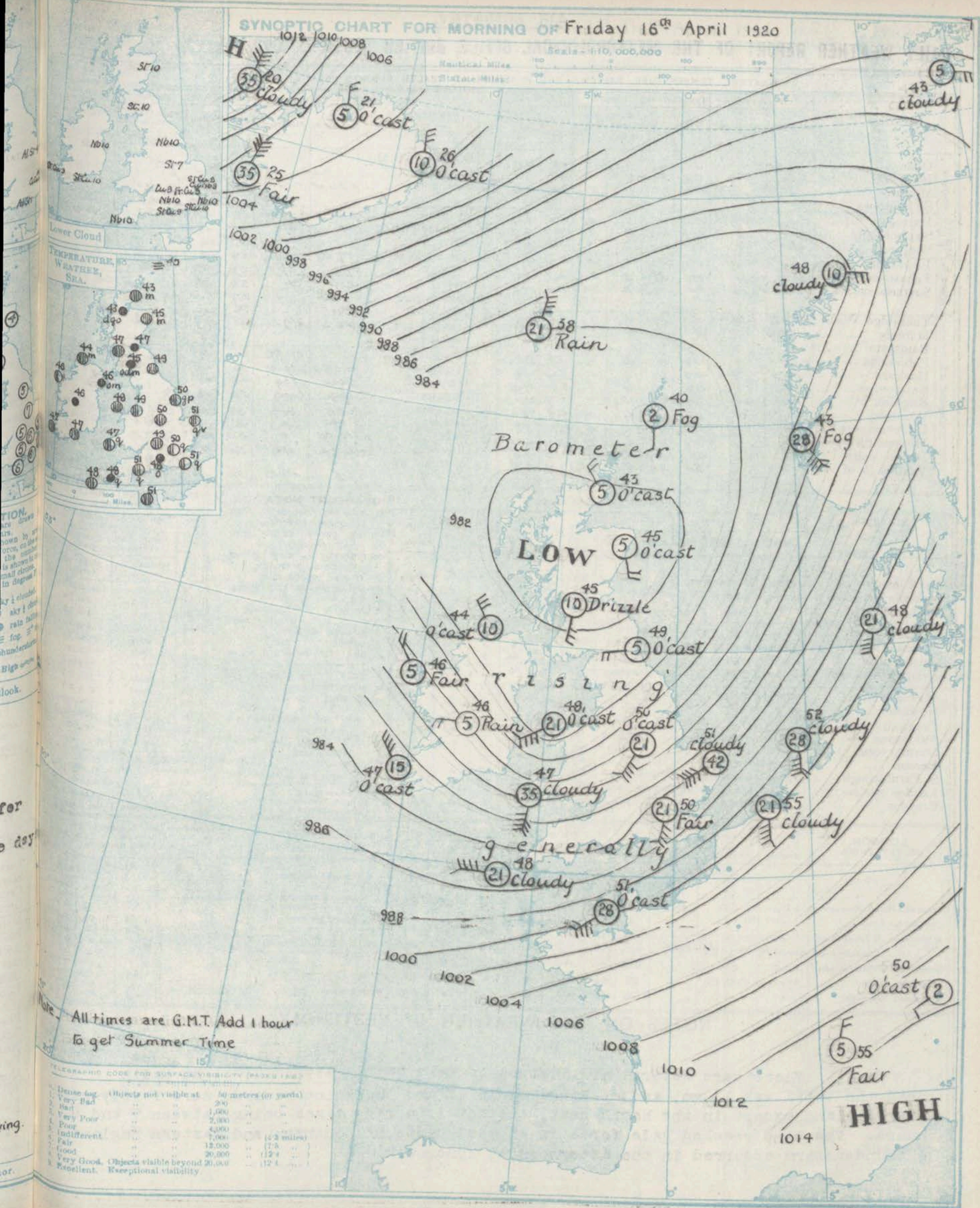
South Coast flying.



# SYNOPTIC CHART FOR MORNING OF Friday 16<sup>th</sup> April 1920

Scale - 1:10,000,000

Nautical Miles  
Statute Miles



All times are G.M.T. Add 1 hour  
to get Summer Time

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGES 1 AND 2)

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



| WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR |                          |           |            |              |         |                 |              |           |                    |               |                    |           |            |              |         |                 |              |           |                    |
|-------------------------------------------------------------------|--------------------------|-----------|------------|--------------|---------|-----------------|--------------|-----------|--------------------|---------------|--------------------|-----------|------------|--------------|---------|-----------------|--------------|-----------|--------------------|
| STATIONS.                                                         |                          | WEATHER.  |            | TEMPERATURE. |         | RAINFALL.       |              | SUNSHINE. |                    | STATIONS.     |                    | WEATHER.  |            | TEMPERATURE. |         | RAINFALL.       |              | SUNSHINE. |                    |
|                                                                   |                          | Forenoon. | Afternoon. | Max. F.      | Min. F. | Night. 17h-19h. | Day. 9h-17h. | to 17h.   | Sunrise to Sunset. |               |                    | Forenoon. | Afternoon. | Max. F.      | Min. F. | Night. 17h-19h. | Day. 9h-17h. | to 17h.   | Sunrise to Sunset. |
| Scotland.                                                         | Oban ...                 | o.c.      | o.c.       | 50           | 43      | 0.3             | 1            | 0.0       | 0.0                | England, N.W. | Douglas (I.O.M.)   | o.c.      | o.c.       | 57           | 44      | 6               | 1            | 2.3       | 0.1                |
|                                                                   | Banff ...                | o.c.      | c          | 49           | 41      | 0.2             | 1            | 0.1       | 5.0                |               | Blackpool ...      | o.c.      | o.c.       | 56           | 44      | 4               | 5            | 1.7       | 0.4                |
|                                                                   | Montrose ...             | o.c.      | o.c.       | 45           | 42      | 4               | 2            | 0.0       | 2.0                |               | Southport ...      | o.c.      | o.c.       | 56           | 44      | 4               | 5            | 1.7       | 0.4                |
|                                                                   | St. Andrews ...          | o.c.      | o.c.       | 45           | 42      | 4               | 2            | 0.0       | 2.0                |               |                    |           |            |              |         |                 |              |           |                    |
| England, N.E.                                                     | Harrogate ...            | o.c.      | o.c.       | 54           | 43      | 5               | 4            | 1.4       | 0.1                | Midlands.     | Buxton ...         | o.c.      | o.c.       | 52           | 42      | 5               | 2            | 0.5       | 0.2                |
|                                                                   | Scarborough ...          | o.c.      | o.c.       | 56           | 43      | 2               | 1            | 0.7       | 0.5                |               | Leamington Spa ... | o.c.      | o.c.       | 54           | 45      | 7               | 4            | 0.0       | 6.4                |
|                                                                   | Skegness ...             | o.c.      | o.c.       | 58           | 47      | 2               | 1            | 1.8       | 4.5                |               | Malvern ...        | o.c.      | o.c.       | 55           | 44      | 11              | 9            | 1.0       | 6.1                |
|                                                                   | Lowestoft ...            | o.c.      | o.c.       | 59           | 42      | 2               | 3            | 2.3       | 9.1                |               | Ross-on-Wye ...    | o.c.      | o.c.       | 54           | 48      | 15              | 10           | 0.6       | 4.2                |
| England, E.                                                       | Felixstowe ...           | o.c.      | o.c.       | 55           | 51      | 3               | 2            | 4.8       | 1.0                | Wales.        | Bath ...           | o.c.      | o.c.       | 56           | 47      | 9               | 1            | 0.0       | 4.4                |
|                                                                   | Southend-on-Sea ...      | o.c.      | o.c.       | 60           | 46      | 2               | 0.2          | 3.5       | 7.8                |               | Rhyl ...           | o.c.      | o.c.       | 56           | 45      | 1               | 0.4          | 0.6       | 0.2                |
|                                                                   |                          |           |            |              |         |                 |              |           |                    |               | Colwyn Bay ...     | o.c.      | o.c.       | 54           | 50      | 6               | 0            | 2.5       | 0.4                |
|                                                                   |                          |           |            |              |         |                 |              |           |                    |               | Llandudno ...      | o.c.      | o.c.       | 56           | 45      | 4               | 0.1          | 1.8       | 1.1                |
| England, S.E.                                                     | Tunbridge Wells ...      | o.c.      | o.c.       | 58           | 46      | 11              | 1            | 1.1       | 5.3                | England, S.W. | Aberystwyth ...    | o.c.      | o.c.       | 53           | 49      | 4               | 3            | 0.3       | 1.4                |
|                                                                   | Margate ...              | o.c.      | o.c.       | 61           | 42      | 4               | -            | 6.0       | 8.5                |               | Swansea ...        | o.c.      | o.c.       | 53           | 49      | 4               | 3            | 0.3       | 1.4                |
|                                                                   | Ramsgate ...             | o.c.      | o.c.       | 56           | 47      | 4               | -            | 5.9       | 8.1                |               | Weymouth ...       | o.c.      | o.c.       | 56           | 48      | 10              | 2            | 1.0       | 3.2                |
|                                                                   | Folkestone ...           | o.c.      | o.c.       | 57           | 48      | 4               | -            | 6.7       | 7.0                |               | Teignmouth ...     | o.c.      | o.c.       | 55           | 48      | 11              | 5            | 0.8       | 2.9                |
|                                                                   | Hastings ...             | o.c.      | o.c.       | 59           | 48      | 7               | -            | 6.3       | 7.4                |               | Torquay ...        | o.c.      | o.c.       | 54           | 48      | 14              | 3            | 2.2       | 4.0                |
|                                                                   | Eastbourne ...           | o.c.      | o.c.       | 59           | 48      | 7               | -            | 6.3       | 7.4                |               | Paignton ...       | o.c.      | o.c.       | 55           | 46      | 10              | 3            | 2.0       | 3.9                |
|                                                                   | Brighton ...             | o.c.      | o.c.       | 55           | 49      | 12              | -            | 1.7       | 0.1                |               | Penzance ...       | o.c.      | o.c.       | 53           | 48      | 6               | 5            | 0.2       | 2.0                |
|                                                                   | Worthing ...             | o.c.      | o.c.       | 56           | 48      | 9               | -            | 0.8       | 7.0                |               | Newquay ...        | o.c.      | o.c.       | 53           | 48      | 7               | 3            | 0.0       | 2.0                |
|                                                                   | Littlehampton ...        | o.c.      | o.c.       | 56           | 47      | 0               | 3            | 1.7       | 5.2                |               | Bude ...           | o.c.      | o.c.       | 54           | 47      | 7               | 4            | 0.0       | 5.1                |
|                                                                   | Portsmouth (S' thea) ... | o.c.      | o.c.       | 57           | 48      | 6               | 2            | 2.7       | 6.7                |               | Ilfracombe ...     | o.c.      | o.c.       | 54           | 49      | 16              | 14           | 0.9       | 4.5                |
|                                                                   | Bournemouth ...          | o.c.      | o.c.       | 55           | 47      | 12              | 3            | 2.0       | 3.0                |               | Weston-s-Mare ...  | o.c.      | o.c.       | 54           | 49      | 15              | 4            | 0.2       | 2.8                |
|                                                                   | Ventnor (I. of W.) ...   | o.c.      | o.c.       | 54           | 46      | 8               | 2            | 1.7       | 4.8                |               | Penryn ...         | o.c.      | o.c.       | 52           | 49      | 15              | 4            | 0.2       | 2.8                |

| 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. | b blue sky (not more than a quarter covered).<br>bc sky partly cloudy (one half covered).<br>c generally cloudy (three quarters covered).<br>d drizzle, or fine rain.<br>e wet air without rain falling.<br>f fog.<br>g gloom.<br>h hail.<br>i lightning.<br>m mist.<br>o overcast sky.<br>p passing showers.<br>q squalls.<br>r rain.<br>rs sleet, i.e., rain and snow together.<br>s snow.<br>t thunder.<br>u ugly, threatening sky.<br>v unusual visibility.<br>w dew.<br>x hoar frost.<br>y dry air; humidity less than 60 per cent.<br>z dust haze; the turbid atmosphere of dry weather.<br><br>Capital letters indicate intensity, and repetition of letters continuity, thus -<br>R = heavy rain.<br>rr = continuous moderate rain.<br>r.r. = continuous light rain. |                                   |  |  |
|                              |             | 7h-13h.        | 13h-18h.       | 18h-24h.       | 1h-7h. |               |               |                  | Day. 7h-18h. | Night. 18h-7h.     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                   |  |  |
| Eskdalemuir ...              | orm         | ormod          | ormod          | ormod          | 50     | 43            | 40            | 12               | 5            | 0.0                | b           | Less than 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Less than 0.8                     |  |  |
| Valencia (Cahirciveen) ...   | cv. od.     | co             | o              | o              | 52     | 46            | 44            | -                | 3            | 1.2                | bc          | 1-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.9-1.5                           |  |  |
| Baldonnell ...               | r q.        | cop.           | bc             | o              | *      | *             | *             | *                | *            | *                  | c           | 4-7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1.6-3.8                           |  |  |
| Didsbury ...                 | h. q.       | P. q.          | d. q.          | o. r. q.       | 54     | 46            | 46            | 3                | 4            | 1.1                | d           | 8-12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5.4-6.4                           |  |  |
| Falmouth ...                 | rq. oq.     | oq. rq.        | d. q. coq.     | co. rq.        | 56     | 48            | 46            | 3                | 1            | 3.2                | e           | 13-18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5.5-7.9                           |  |  |
| Calshot (Hants) ...          | co. P.      | co. P.         | omp            | omp            | 58     | 49            | 46            | -                | -            | 6.6                | f           | 19-24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8.0-10.7                          |  |  |
| Lympne (Folkestone) ...      | oq. o. h.   | q. b. c.       | cop. q.        | cop. q.        | 54     | 49            | 46            | -                | -            | 6.6                | g           | 25-31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10.8-12.8                         |  |  |
| Aberdeen ...                 | o. f. o. f. | o. f. c.       | fc. o. r. f.   | fc. o. r. f.   | 47     | 43            | 39            | 0.2              | 1            | 0.0                | h           | 32-38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 12.9-17.1                         |  |  |
| Howden ...                   | q. r. o.    | R. t.          | o. r. q.       | o. r. q.       | 56     | 49            | *             | *                | *            | *                  | i           | 39-46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 17.2-20.7                         |  |  |
| Cranwell (Lincs) ...         | o. R. R.    | P. q.          | P. p.          | o. q.          | 58     | 48            | *             | 5                | Trace        | 1.8                | m           | 47-54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 20.8-24.4                         |  |  |
| Felixstowe ...               | q. c. o.    | R. q.          | b. b. c.       | b. b. c.       | 60     | 49            | *             | *                | *            | *                  | n           | 55-63                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 24.5-28.4                         |  |  |
| Shoeburyness ...             | o. c. c.    | R. p.          | o. c. o.       | o. c. o.       | 61     | 49            | 46            | 1                | 1            | 2.7                | o           | 64-75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 28.5-35.5                         |  |  |
| Benson ...                   | o. r. q.    | o. r.          | o. c. o. p.    | o. c. o. p.    | 57     | 44            | 44            | 5                | 1            | *                  | p           | Above 75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 35.6 or above                     |  |  |
| S. Farnborough ...           | o. r. q.    | o. r. q.       | o. c. o. p.    | o. c. o. p.    | 59     | 46            | 43            | 7                | 2            | 1.1                | q           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                   |  |  |
| London (Kew Obs.) ...        | o. r. o. d. | o. q. p. o. q. | o. q. p. o. q. | o. q. p. o. q. | 58     | 48            | 44            | 5                | 3            | 0.3                | r           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                   |  |  |
| Croydon ...                  | o. r. q.    | o. p. q.       | P. q.          | P. q.          | 57     | 47            | *             | 5                | 4            | *                  | rs          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                   |  |  |

| LONDON OBSERVATIONS.           |                   |                   |          |        |               |               |                  |                |                             | SOUTH KENSINGTON (Meteorological Office). |                                                             |                                                                               | TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. |                                                                                                                                             |                                  |  |  |
|--------------------------------|-------------------|-------------------|----------|--------|---------------|---------------|------------------|----------------|-----------------------------|-------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--|--|
| Morning.                       |                   | Afternoon.        |          | Night. | Max. Temp. F. | Min. Temp. F. | Min. on Grass F. | Rain-fall. mm. | Sun-shine to Sunset. Hours. | Humidity %                                |                                                             | Vertical Component of Solar Radiation per Square Centimetre during yesterday. |                                                                                                   |                                                                                                                                             | Stations. Sunrise. Noon. Sunset. |  |  |
|                                |                   |                   |          |        |               |               |                  |                |                             | 15 h. G.M.T.                              | 9 h. G.M.T.                                                 |                                                                               |                                                                                                   |                                                                                                                                             |                                  |  |  |
| 24 HOURS ENDED 9h G.M.T. 16th. |                   |                   |          |        |               |               |                  |                |                             | YESTERDAY.                                |                                                             | TO-DAY.                                                                       |                                                                                                   |                                                                                                                                             |                                  |  |  |
| Greenwich (Royal Observatory)  | o. p.             | o. p.             | o. r. o. | 60     | 48            | 45            | 3                | 1.8            | 79                          | 69                                        | Total 819 Joules.<br>Average Rate. 16.5<br>Maximum Rate. 52 |                                                                               |                                                                                                   | Yarmouth... { G.M.T. G.M.T. G.M.T.<br>4.55 11.53 6.57<br>Greenwich { 5.5 12.0 6.57<br>Wick { 5.1 12.12 7.2<br>Valencia ... { 5.45 12.41 7.3 |                                  |  |  |
| City (Bunhill Row) ...         | *                 | *                 | *        | 60     | 48            | 48            | 4                | 1.5            | 74                          | 80                                        |                                                             |                                                                               |                                                                                                   |                                                                                                                                             |                                  |  |  |
| Westminster (St. James's Park) | *                 | *                 | *        | 60     | 48            | *             | 4                | 1.3            | 78                          | 87                                        |                                                             |                                                                               |                                                                                                   |                                                                                                                                             |                                  |  |  |
| " (Admiralty Arch)             | o. r. m. c. p. q. | o. p. q. c. p. q. | o. p. q. | 60     | 48            | *             | 4                | *              | 82                          | 86                                        |                                                             |                                                                               |                                                                                                   |                                                                                                                                             |                                  |  |  |
| Camden Sq. (British Rainfall)  | o. c. p.          | o. c. p.          | *        | 60     | 46            | 45            | 4                | *              | 77 (18h)                    | 85                                        |                                                             |                                                                               |                                                                                                   |                                                                                                                                             |                                  |  |  |
| Kensington Palace ...          | o. r. o. q.       | o. r. q. c. q.    | *        | 58     | 46            | 45            | 4                | *              | *                           | 83                                        |                                                             |                                                                               |                                                                                                   |                                                                                                                                             |                                  |  |  |
| Hampstead Observatory          | *                 | *                 | *        | 56     | 45            | 42            | 5                | 0.6            | *                           | 83                                        |                                                             |                                                                               |                                                                                                   |                                                                                                                                             |                                  |  |  |

NOTES ON THE WEATHER OF YESTERDAY.

There were several millimetres of rain nearly everywhere. At Malin Head the total was 13 mm, and at Eskdalemuir 17 mm. Sunshine records were fairly good over England except in the North-west, the total in many cases being between 7 and 9 hours. The wind reached gale force in exposed parts of Southern and Eastern England. A thunderstorm occurred in the afternoon at Tynemouth.

## SUMMARIES FOR PAST 24 HOURS.

| STATIONS.                | WEATHER.    |          | TEMPERATURE. |               | RAINFALL.     |                  | SUN.         |                |
|--------------------------|-------------|----------|--------------|---------------|---------------|------------------|--------------|----------------|
|                          | 7h-15h.     | 15h-18h. | 18h-24h.     | Max. Temp. F. | Min. Temp. F. | Min. on Grass F. | Day. 7h-18h. | Night. 18h-7h. |
|                          | mm.         | mm.      | mm.          | mm.           | mm.           | mm.              | mm.          | mm.            |
| Eskdalemuir ...          | orm.        | ormodm.  | ormodm.      | 50            | 43            | 40               | 12           | 5              |
| Valencia (Cahirveen) ... | cv. od.     | co.      | o.pocp.      | 52            | 46            | 44               | -            | 3              |
| Baldonnel ...            | r q.        | cop.     | bccr.        | *             | *             | *                | *            | *              |
| Didsbury ...             | h. g.       | P. q.    | dq. coq.     | 54            | 46            | 46               | 3            | 4              |
| Falmouth ...             | rq. oq.     | oq. r q. | oq. r q.     | 56            | 48            | 46               | 3            | 1              |
| Calshot (Hants) ...      | o. p.       | o. p.    | o. p.        | 54            | 49            | 46               | -            | -              |
| Lympe (Folkestone) ...   | oq. o. p.   | q. b. c. | o. p.        | 54            | 49            | 46               | -            | -              |
| Aberdeen ...             | o. f. o. f. | o. f. c. | o. f. c.     | 47            | 43            | 39               | 0.2          | 1              |
| Howden ...               | q. t.       | R. t.    | o. f. q.     | 56            | 49            | *                | *            | *              |
| Cranwell (Lincs) ...     | o. R. R.    | P. q.    | P. p.        | 58            | 48            | *                | 5            | 1              |
| Felixstowe ...           | q. c. o.    | R. q.    | o. b. c.     | 60            | 49            | *                | *            | *              |
| Shoeburyness ...         | o. p.       | o. p.    | o. p.        | 61            | 49            | 46               | 1            | 1              |
| Benson ...               | o. p.       | o. p.    | o. p.        | 57            | 44            | 44               | 5            | 1              |
| S. Farnborough ...       | o. p.       | o. p.    | o. p.        | 59            | 46            | 43               | 7            | 2              |
| London (Kew Obsy.) ...   | o. p.       | o. p.    | o. p.        | 58            | 44            | 44               | 5            | 3              |
| Croydon ...              | o. p.       | o. p.    | o. p.        | 57            | 47            | *                | 5            | 4              |

## BEAUFORT NOTATION.

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

## THE BEAUFORT SCALE OF WIND FORCE.

| Limits of Velocity at about 30 feet above ground. |                         |                    |
|---------------------------------------------------|-------------------------|--------------------|
| No.                                               | Statute miles per hour. | Metres per second. |
| 0                                                 | Less than 1             | Less than 0.8      |
| 1                                                 | 1-3                     | 0.8-1.5            |
| 2                                                 | 4-7                     | 1.6-3.8            |
| 3                                                 | 8-12                    | 5.4-6.4            |
| 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.

|                                                 | WEATHER.    |             | TEMPERATURE. |               | RAINFALL.     |                  | SUNSHINE. |              | HUMIDITY %  |    |
|-------------------------------------------------|-------------|-------------|--------------|---------------|---------------|------------------|-----------|--------------|-------------|----|
|                                                 | Morning.    | Afternoon.  | Night.       | Max. Temp. F. | Min. Temp. F. | Min. on Grass F. | Hours.    | 15 h. G.M.T. | 9 h. G.M.T. |    |
| 24 HOURS ENDED 9H G.M.T. 16 <sup>th</sup> ..... |             |             |              |               |               |                  |           |              |             |    |
|                                                 |             |             |              |               |               |                  |           | YESTERDAY.   | TO-DAY.     |    |
| Greenwich (Royal Observatory)                   | o p.        | o p.        | o r          | 60            | 48            | 45               | 3         | 1.8          | 79          | 69 |
| City (Bunhill Row) ...                          | *           | *           | *            | 60            | 48            | *                | *         | 1.3          | *           | *  |
| Westminster (St. James's Park)                  | *           | *           | *            | 60            | 48            | 48               | 4         | 1.5          | 74          | 80 |
| " (Admiralty Arch)                              | o m q c p q | o p q c p q | c p q        | 60            | 48            | *                | 4         | 1.3          | 78          | 87 |
| Camden Sq. (British Rainfall)                   | o c p       | c p.        | *            | 60            | 46            | 45               | 4         | *            | 82          | 86 |
| Kensington Palace ...                           | o r o q     | o r q c q   | *            | 58            | 46            | 45               | 4         | *            | 77 (18h)    | 85 |
| Hampstead Observatory ...                       | *           | *           | *            | 56            | 45            | 42               | 5         | 0.6          | *           | 83 |

## SOUTH KENSINGTON (Meteorological Office).

| Vertical Component of Solar Radiation per Square Centimetre during yesterday. |                  |
|-------------------------------------------------------------------------------|------------------|
| Total                                                                         | 818 Joules.      |
| Average Rate.                                                                 | 16.5 Milliwatts. |
| Maximum Rate.                                                                 | 52               |

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

| 16 <sup>th</sup> & 17 <sup>th</sup> April 1920. |          |        |         |
|-------------------------------------------------|----------|--------|---------|
| Stations.                                       | Sunrise. | Noon.  | Sunset. |
|                                                 | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth...                                     | 4.55     | 11.53  | 6.50    |
| Greenwich                                       | 4.53     | 11.53  | 6.52    |
| Wick                                            | 5.1      | 12.12  | 7.24    |
| Valencia ...                                    | 5.45     | 12.41  | 7.39    |

## NOTES ON THE WEATHER OF YESTERDAY.

There were several millimetres of rain nearly everywhere. At Malin Head the total was 13 mm, and at Eskdalemuir 17 mm. Sunshine records were fairly good over England except in the North-west, the total in many cases being between 7 and 9 hours. The wind reached gale force in exposed parts of Southern and Eastern England. A thunderstorm occurred in the afternoon at Tynemouth.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B21331

SATURDAY 17<sup>th</sup> APRIL 1920.

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

| STATIONS.                     | BAROM.<br>at<br>M.S.L.<br>mb. | Change<br>in 3<br>hours. | Wind.                       |                | Weather. | TEMP.<br>°F. | Humidity.<br>% | Visibility.<br>0-9. | Height<br>of Low<br>Cloud.<br>Feet. | Low Cloud. |               | Upper Cloud. |               | Sea    | BAROM.<br>at<br>M.S.L.<br>mb. | Change<br>in 3<br>hours. | WIND.                          |        | Weather. | TEMP.<br>°F. | Humidity.<br>% | Visibility.<br>0-9. | Height<br>of Low<br>Cloud.<br>Feet. | Low Cloud.     |       | Upper Cloud.  |       | Sea |               |      |   |
|-------------------------------|-------------------------------|--------------------------|-----------------------------|----------------|----------|--------------|----------------|---------------------|-------------------------------------|------------|---------------|--------------|---------------|--------|-------------------------------|--------------------------|--------------------------------|--------|----------|--------------|----------------|---------------------|-------------------------------------|----------------|-------|---------------|-------|-----|---------------|------|---|
|                               |                               |                          | Dirac.                      | Force<br>0-12. |          |              |                |                     |                                     | Form.      | Amt.<br>0-10. | Form.        | Amt.<br>0-10. |        |                               |                          | 0-9.                           | Dirac. |          |              |                |                     |                                     | Force<br>0-12. | Form. | Amt.<br>0-10. | Form. |     | Amt.<br>0-10. | 0-9. |   |
|                               |                               |                          | 13H. G.M.T. 16 <sup>h</sup> |                |          |              |                |                     |                                     |            |               |              |               |        |                               |                          | 18H. G.M.T. OF 16 <sup>h</sup> |        |          |              |                |                     |                                     |                |       |               |       |     |               |      |   |
| Eskdalemuir                   | 996.7                         | +5                       | WNW                         | 5              | rry      | 47           | 85             | 6                   | 3,000                               | Nb         | 6             | A            | Dr            | 4      | *                             | 995.2                    | +10                            | W      | 5        | C            | 43             | 75                  | 8                                   | -              | Sc    | 7             | Cu    | 1   | *             |      |   |
| Valencia (Cahire's)           | 1000.4                        | +8                       | NNW                         | 4              | C        | 48           | 85             | 8                   | 2,000                               | Cu         | 6             | A            | Cu            | 2      | 3                             | 1004.8                   | +8                             | NNW    | 4        | b            | 47             | 75                  | 8                                   | 3,000          | Cu    | 2             | A     | Cu  | 1             | 3    |   |
| Baldonnel                     | 995.4                         | +8                       | WNW                         | 4              | og       | 51           | 92             | 6                   | 2,000                               | Sc         | 9             | -            | -             | *      | 1001.6                        | +6                       | NW                             | 2      | or       | 47           | 85             | 6                   | 3,000                               | Nb             | 10    | -             | -     | *   |               |      |   |
| Didsbury                      | 991.1                         | +5                       | W                           | 5              | or       | 48           | 85             | 2                   | 750                                 | Nb         | 4             | -            | -             | *      | 999.5                         | +8                       | W                              | 3      | C        | 48           | 85             | 3                   | 3,000                               | Sc             | 8     | -             | -     | *   |               |      |   |
| Falmouth                      | 1001.3                        | +6                       | SW                          | 6              | bcy      | 50           | 75             | 7                   | -                                   | Cu         | Nb            | 6            | -             | -      | *                             | 1004.7                   | +4                             | SW     | 4        | bcy          | 51             | 85                  | 4                                   | -              | Cu    | 2             | Cu    | 4   | *             |      |   |
| Calshot (Hants)               | 1001.3                        | +6                       | SW                          | 6              | org      | 52           | 85             | 8                   | 1,250                               | Nb         | 10            | -            | -             | *      | 1004.9                        | +5                       | WSW                            | 5      | b        | 52           | 85             | 8                   | 1,250                               | Cu             | 1     | -             | -     | A   |               |      |   |
| Lympne (Folkestone)           | 999.2                         | +3                       | SW                          | 9              | org      | 53           | 85             | 8                   | 1,250                               | Nb         | 9             | -            | -             | *      | 1003.9                        | +5                       | WSW                            | 6      | eq       | 50           | 85             | 8                   | 2,000                               | Sc             | 7     | -             | -     | *   |               |      |   |
| Aberdeen                      | 985.9                         | +4                       | NNW                         | 1              | rr       | 49           | 75             | 6                   | -                                   | Nb         | 10            | -            | -             | 2      | 991.6                         | +8                       | WNW                            | 3      | or       | 46           | 92             | 5                   | -                                   | Nb             | 10    | -             | -     | 2   |               |      |   |
| Howden                        | 983.0                         | +2                       | SSW                         | 7              | og       | 53           | 75             | 6                   | 1,250                               | Sc         | 10            | -            | -             | *      | 996.5                         | +8                       | WSW                            | 6      | eq       | 49           | 75             | 6                   | 1,250                               | Cu             | 5     | Cu            | 2     | *   |               |      |   |
| Cranwell (Lines)              | 992.4                         | +3                       | SW                          | 6              | at       | 55           | 75             | 8                   | 2,000                               | Nb         | 9             | -            | -             | *      | 1000.3                        | +9                       | W                              | 5      | or       | 47           | 97             | 6                   | 2,000                               | Nb             | 8     | A             | Sc    | 1   | 3             |      |   |
| Felixstowe                    | 999.7                         | +2                       | SW                          | 5              | org      | 54           | 85             | 6                   | 2,000                               | Cu         | Nb            | 8            | -             | -      | *                             | 1004.1                   | +8                             | WSW    | 5        | eq?          | 51             | 85                  | 6                                   | 3,000          | Nb    | 7             | -     | -   | *             |      |   |
| Shoeburyness                  | 998.8                         | +3                       | SW                          | 7              | eq       | 54           | 92             | 7                   | 2,000                               | Cu         | Nb            | 4            | A             | Cu     | 3                             | *                        | 1004.1                         | +4     | SW       | 2            | bc             | 51                  | 85                                  | 7              | 3,000 | Sc            | 2     | A   | Cu            | 2    | * |
| Benson                        | 994.3                         | +7                       | WSW                         | 5              | or       | 50           | 85             | 5                   | -                                   | Nb         | 10            | -            | -             | *      | 1002.6                        | +5                       | W                              | 4      | C        | 53           | 68             | 7                   | -                                   | Cu             | 5     | -             | -     | *   |               |      |   |
| S. Farnborough                | 996.8                         | +4                       | SW                          | 7              | og       | 56           | 75             | 6                   | 1,250                               | Sc         | 9             | -            | -             | *      | 1008.6                        | +5                       | WSW                            | 6      | bc       | 51           | 85             | 6                   | 1,250                               | Sc             | 5     | -             | -     | *   |               |      |   |
| London (Kew Obs.)             | 998.4                         | +6                       | SW                          | 6              | eq       | 55           | 75             | 8                   | 3,000                               | Cu         | 7             | -            | -             | *      | 1003.7                        | +6                       | SW                             | 4      | b        | 53           | 75             | 6                   | -                                   | Sc             | 1     | A             | Cu    | 1   | *             |      |   |
| Croydon                       | 999.3                         | +5                       | SW                          | 5              | bcy      | 55           | 75             | 8                   | 2,000                               | Sc         | 6             | A            | Cu            | 1      | *                             | 1003.8                   | +6                             | SSW    | 5        | bcy          | 52             | 85                  | 6                                   | 3,000          | Cu    | 1             | -     | -   | *             |      |   |
| 1H. G.M.T. OF 17 <sup>h</sup> |                               |                          |                             |                |          |              |                |                     |                                     |            |               |              |               |        |                               |                          |                                |        |          |              |                |                     |                                     |                |       |               |       |     |               |      |   |
| Eskdalemuir                   | 1005.5                        | +7                       | W                           | 4              | b        | 36           | 85             | 8                   | -                                   | -          | -             | -            | -             | *      | 1010.5                        | +4                       | -                              | 0      | bc       | 34           | 75             | 8                   | -                                   | -              | -     | Cu            | 4     | *   |               |      |   |
| Valencia (Cahire's)           | 1009.9                        | +3                       | NNW                         | 2              | bc       | 40           | -              | -                   | -                                   | -          | -             | -            | -             | 2      | 1010.7                        | +2                       | ENE                            | 3      | C        | 37           | 92             | 8                   | 5,700                               | Sc             | 8     | -             | -     | 3   |               |      |   |
| Baldonnel                     | 1009.0                        | +11                      | W                           | 1              | b.c      | 32           | 97             | 9                   | -                                   | -          | -             | A            | Sc            | 1      | *                             | 1011.2                   | +3                             | SW     | 2        | b            | 35             | 92                  | 6                                   | -              | -     | -             | A     | Sc  | 2             | *    |   |
| Didsbury                      | 1008.0                        | +1                       | SW                          | 1              | b        | 47           | 97             | 7                   | -                                   | Sc         | 3             | -            | -             | *      | 1010.8                        | +4                       | -                              | 0      | b        | 37           | 97             | 3                   | -                                   | -              | -     | -             | -     | *   |               |      |   |
| Falmouth                      | 1009.3                        | +3                       | SW                          | 3              | b        | 49           | 97             | 6                   | -                                   | -          | -             | -            | -             | 2      | 1010.4                        | +1                       | NE                             | 2      | 0.3f     | 48           | 97             | 3                   | 500                                 | Sc             | 10    | -             | -     | 1   |               |      |   |
| Calshot (Hants)               | 1009.7                        | +1                       | -                           | -              | -        | -            | -              | -                   | -                                   | -          | -             | -            | -             | *      | 1009.7                        | +1                       | -                              | 0      | omw      | 47           | 97             | 3                   | 1,250                               | Sc             | 1     | A             | Sc    | 9   | *             |      |   |
| Lympne (Folkestone)           | 1010.1                        | +7                       | W                           | 2              | bz       | 39           | 65             | 6                   | -                                   | Sc         | 2             | -            | -             | *      | 1010.3                        | +4                       | NE                             | 1      | bz       | 40           | 92             | 6                   | 4,200                               | Sc             | 1     | -             | -     | *   |               |      |   |
| Aberdeen                      | 1006.3                        | ?                        | WSW                         | 2              | b        | 38           | -              | -                   | -                                   | -          | -             | -            | -             | *      | 1011.6                        | +5                       | N                              | 2      | bcz      | 43           | 92             | 6                   | 4,200                               | Sc             | 4     | -             | -     | *   |               |      |   |
| Howden                        | 1007.9                        | +5                       | NW                          | 3              | bc       | 43           | 97             | 6                   | 3,000                               | Sc         | 6             | -            | -             | *      | 1011.8                        | +2                       | NW                             | 2      | b        | 48           | 92             | 4                   | -                                   | -              | -     | Cu            | Sc    | 1   | 3             |      |   |
| Cranwell (Lines)              | 1011.0                        | +2                       | NE                          | 1              | bc       | 50           | 85             | 6                   | -                                   | -          | -             | -            | -             | *      | 1011.0                        | +2                       | NE                             | 1      | bc       | 50           | 85             | 6                   | -                                   | -              | -     | A             | Cu    | 5   | *             |      |   |
| Felixstowe                    | 1010.1                        | +2                       | -                           | 0              | C        | 45           | ?              | 5                   | -                                   | Cu         | 2             | Cu           | 5             | 1010.1 | +2                            | -                        | 0                              | C      | 45       | ?            | 5              | -                   | Cu                                  | 2              | Cu    | 5             | *     |     |               |      |   |
| Shoeburyness                  | 1010.1                        | +2                       | E                           | 2              | Cmc      | 47           | 97             | 5                   | 3,000                               | Sc         | 5             | Cu           | 3             | 1010.1 | +2                            | E                        | 2                              | Cmc    | 47       | 97           | 5              | 3,000               | Sc                                  | 5              | Cu    | 3             | *     |     |               |      |   |
| Benson                        | 1010.6                        | +1                       | -                           | 0              | omw      | 48           | 92             | 4                   | 3,000                               | Sc         | 3             | Cu           | Sc            | 6      | 1010.6                        | +1                       | -                              | 0      | omw      | 48           | 92             | 4                   | 3,000                               | Sc             | 3     | Cu            | Sc    | 6   | *             |      |   |
| S. Farnborough                | 1011.1                        | +2                       | SSW                         | 1              | 0.3f     | 46           | 97             | 3                   | 1,250                               | Sc         | 2             | Cu           | 7             | 1011.1 | +2                            | SSW                      | 1                              | 0.3f   | 46       | 97           | 3              | 1,250               | Sc                                  | 2              | Cu    | 7             | *     |     |               |      |   |
| London (Kew Obs.)             | 1009.1                        | +4                       | WSW                         | 1              | bz       | 45           | 92             | 7                   | -                                   | -          | -             | -            | -             | *      | 1011.1                        | +2                       | SSW                            | 1      | 0.3f     | 46           | 97             | 3                   | 1,250                               | Sc             | 2     | Cu            | 7     | *   |               |      |   |
| Croydon                       | 1009.1                        | +4                       | WSW                         | 1              | bz       | 45           | 92             | 7                   | -                                   | -          | -             | -            | -             | *      | 1011.1                        | +2                       | SSW                            | 1      | 0.3f     | 46           | 97             | 3                   | 1,250                               | Sc             | 2     | Cu            | 7     | *   |               |      |   |

## STATIONS CONTRIBUTING REPORTS AT 7H. AND 15H.

| STATIONS.                      | BAROM.       | TEMP. | WIND.  |                | Weather. | BAROMETER.                    |                          | TEMPERATURE. |                           | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud.    | Weather. | Sea<br>0-9. | Rainfall<br>mm. | TEMP.       |             | WEATHER.        |            |          | Sunshine<br>Hours. |
|--------------------------------|--------------|-------|--------|----------------|----------|-------------------------------|--------------------------|--------------|---------------------------|--------|----------------|------------------------------------|----------|-------------|-----------------|-------------|-------------|-----------------|------------|----------|--------------------|
|                                | at<br>M.S.L. | °F.   | Direc. | Force<br>0-12. |          | at<br>M.S.L.                  | Change<br>in<br>3 hours. | Temp.<br>°F. | Change<br>in<br>24 hours. | Direc. | Force<br>0-12. |                                    |          |             |                 | Max.<br>°F. | Min.<br>°F. | Morning.        | Afternoon. | Night.   |                    |
|                                | mb.          | °F.   |        |                |          | mb.                           |                          |              |                           |        |                |                                    |          |             |                 |             |             |                 |            |          |                    |
| 15H. G.M.T. of 16 <sup>h</sup> |              |       |        |                |          | 7H. G.M.T. of 17 <sup>h</sup> |                          |              |                           |        |                | 24 HOURS ENDED 7H. 17 <sup>h</sup> |          |             |                 |             |             | 16 <sup>h</sup> |            |          |                    |
| Lerwick ...                    | 984.5        | 47    | W      | 2              | cm       | 1005.1                        | +7                       | 38           | -2                        | NW     | 3              | -                                  | cm       | 2           | 1               | 50          | 33          | c               | cm         | om r sp  | *                  |
| Stornoway ...                  |              |       |        |                |          |                               |                          |              |                           |        |                |                                    |          |             |                 |             |             |                 |            |          |                    |
| Castlebay (Barra's)            |              |       |        |                |          |                               |                          |              |                           |        |                |                                    |          |             |                 |             |             |                 |            |          |                    |
| Glasgow ...                    | 995.4        | 45    | WNW    | 5              | bc       | 1010.7                        | +5                       | 36           | -11                       | -      | 0              | SW                                 | bcz      | *           | 2               | 49          | 32          | omp             | o c beg    | bc bzx   | 2.9                |
| Malin Head ...                 | 998.4        | 41    | NW     | 4              | cp       | 1007.9                        | +1                       | 40           | -4                        | WSW    | 2              | -                                  | C        | 3           | 1               | 46          | 38          | cp              | cp         | C        | 4.7                |
| Blacksod Point                 | 1003.6       | 45    | NW     | 2              | bc       | ?                             | 0                        | 41           | -5                        | -      | 0              | -                                  | bc       | 1           | 0.1             | 49          | 36          | bcp             | bc         | bc       | *                  |
| Roche's Point...               | 1002.8       | 51    | NNW    | 4              | bc       | 1010.5                        | +3                       | 40           | -7                        | NW     | 2              | -                                  | C        | 3           | 0.3             | 54          | 37          | oc              | c bc       | bwc      | *                  |
| Birr Castle ...                | 1002.3       | 45    | NW     | 2              | C        | 1010.2                        | *                        | 31           | -15                       | NW     | 1              | -                                  | bc       | *           | 1               | 52          | 30          | orc             | cph        | c b c x  | 5.4                |
| Donaghadee ...                 | 1001.1       | 46    | NW     | 3              | bc       | 1009.9                        | +2                       | 37           | -9                        | NW     | 2              | W                                  | bc       | 3           | 2               | 50          | 31          | omw             | cpn bc     | bc bmx   | *                  |
| Liverpool (Bidston)            | 1000.1       | 46    | W      | 4              | 0        | 1010.9                        | +5                       | 41           | -8                        | NW     | 1              | S                                  | bc       | 2           | 1               | 51          | 41          | op              | op         | b bc     | 0.0                |
| Holyhead ...                   | 1000.2       | 47    | NW     | 3              | 03       | 1010.4                        | +2                       | 42           | -6                        | S      | 2              | SW                                 | cv       | 1           | 1               | 52          | 40          | apm             | c op c     | cp dcb   | 0.5                |
| Pembroke (St. Ann's Head)      | 1002.2       | 49    | WSW    | 3              | b        | 1009.6                        | +2                       | 45           | -2                        | N      | 2              | N                                  | bcv      | 3           | 3               | 50          | 43          | cp rc           | c bc       | bc bcy   | 2.6                |
| Silly (St. Mary's)             | 1004.0       | 52    | W      | 3              | bc       | 1007.1                        | 0                        | 46           | -2                        | ENE    | 1              | -                                  | C        | 3           | 0.2             | 55          | 44          | cpc             | b bc       | b bcc    | 7.9                |
| Jersey (St. Aubin)             | 1004.4       | 52    | WSW    | 4              | op       | 1008.0                        | -1                       | 48           | -3                        | ENE    | 3              | -                                  | C        | 3           | 1               | 57          | 46          | bc pcp          | op bc      | b o      | 5.7                |
| Portland Bill ...              | 1004.0       | 51    | SW     | 7              | bc       | 1008.7                        | 0                        | 50           | -1                        | WSW    | 3              | -                                  | C        | 5           | 1               | 53          | 45          | pc bc           | bc         | C        | *                  |
| Dunnet ...                     | 1004.3       | 52    | SW     | 6              | b        | 1009.9                        | +1                       | 50           | -1                        | SSE    | 1              | -                                  | C        | 1           | -               | 55          | 45          | cp c            | q cb       | bc bc    | *                  |
| Wick ...                       | 989.9        | 45    | NNW    | 2              | om       | 1008.3                        | +6                       | 35           | -8                        | WSW    | 1              | -                                  | bc       | 2           | 0.1             | 49          | 30          | omw             | omw        | bc p q   | *                  |
| Nairn ...                      | 992.6        | 45    | W      | 1              | C        | 1009.8                        | *                        | 37           | -6                        | -      | 0              | -                                  | bc       | 1           | 2               | 48          | 31          | o bc col        | pr cv      | cp bcy   | 0.0                |
| Leith ...                      | 992.6        | 50    | W      | 2              | C        | 1010.1                        | +3                       | 37           | -10                       | NW     | 1              | -                                  | bz       | 1           | 0.4             | 51          | 35          | dmo             | o d c      | eb ex b  | *                  |
| Tynemouth ...                  | 993.0        | 49    | W      | 4              | bc       | 1009.1                        | +4                       | 39           | -10                       | NW     | 2              | -                                  | bm       | 2           | 0.3             | 53          | 36          | om              | bc         | bm       | *                  |
| Spurn Head ...                 | 998.1        | 50    | SW     | 5              | bc       | 1010.6                        | +4                       | 44           | -6                        | NNW    | 4              | -                                  | bc       | 5           | -               | 55          | 41          | eq              | bc         | bc       | *                  |
| Yarmouth (Dorset)              | 1000.8       | 54    | W      | 6              | bc       | 1011.3                        | +4                       | 44           | -7                        | NNW    | 2              | -                                  | bc       | 2           | 2               | 58          | 42          | eq              | bc         | bc p w m | 7.8                |
| Clacton-on-Sea                 | 1003.4       | 50    | WSW    | 5              | C        | 1011.2                        | +3                       | 49           | -2                        | NW     | 2              | -                                  | bc       | 1           | 1               | 57          | 46          | c bc            | bc p c     | cp bcy   | 4.5                |
| Nottingham ...                 | 999.8        | 49    | WSW    | 3              | b        | 1011.2                        | *                        | 43           | -7                        | E      | 1              | -                                  | bm       | 4           | 3               | 54          | 37          | op              | op         | cp       | 1.1                |

\* Information for these columns not usually received.

+ The barometric change is expressed in half millibars.

8 For code see page 3.



# SUMMARY OF CONDITIONS AT 7 A.M. G.M.T. Saturday, 17th, March, 1920.

| Districts.                | Wind Velocity in m.p.h. | Temperature. | Weather, Cloud and Precipitation. | Visibility. | Sea.      |
|---------------------------|-------------------------|--------------|-----------------------------------|-------------|-----------|
| 1. S.E. England           | Var. 0-5                | Normal       | Dull, misty, local fog.           | V. Poor     | V. Smooth |
| 2. E. England             | NWly 0-5                | "            | Fair, misty.                      | Poor        | Smooth    |
| 3. E. Midlands            | Var. light              | "            | Fine to fair; misty.              | Indif.      | --        |
| 4. W. Midlands            | Var. light              | "            | Fine to cloudy.                   | "           | --        |
| 5. S.W. England           | W-N 0-10                | "            | Dull; local fog.                  | Bad.        | Slight    |
| 6. South Wales            | Nly 0-5                 | "            | Fair.                             | V. Good     | "         |
| 7. North Wales            | Var. 0-5                | "            | Cloudy.                           | "           | V. Smooth |
| 8. N.W. England           | Var. light              | R. Cold      | Fair.                             | Indif.      | Smooth    |
| 9. N. Midlands            | Var. light              | "            | Fine to fair.                     | "           | --        |
| 10. N.E. England          | W-NW 5-10               | Normal       | Fine to fair, misty.              | Fair        | Smooth    |
| 11. E. Scotland           | Wly 0-5                 | Cold.        | Fine, hazy.                       | "           | "         |
| 12. S.W. Scotland         | Var. light              | "            | Fair; hazy.                       | V. Good     | Slight    |
| 13. Isle of Man           | Wly light.              | "            | Fair to cloudy; misty.            | Fair        | "         |
| 14. N. & N.W. Scotland    | Wly light               | Cold.        | Fair.                             | Indif.      | Smooth    |
| 15. Hebrides              | Wly light               | R. Cold      | Fair.                             | "           | "         |
| 16. Orkneys and Shetlands | NW 10.                  | R. Cold      | Cloudy; misty.                    | "           | "         |
| 17. N.W. Ireland          | Wly 0-5.                | "            | Fair.                             | Fair        | "         |
| 18. N.E. Ireland          | W-NW 5                  | "            | Fair to cloudy; misty.            | Indif.      | Slight    |
| 19. S.E. Ireland          | SW-NW 0-5               | Cold.        | Fine to cloudy.                   | Fair        | "         |
| 20. S.W. Ireland          | NE-NW 5-10              | "            | Cloudy.                           | V. Good     | "         |

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

Under the influence of an anticyclone that is forming over Great Britain and the North Sea, fair to fine weather may be expected, with light winds mainly from between S and E. The outlook for the next few days is rather uncertain but is more favourable for settled fair weather than it has been of late.

**EXPLANATION**  
 BAROMETER.—Isobars are shown at intervals of two millibars.  
 WIND.—Direction is shown by the flying with the wind. Force of the wind is indicated by the number of feathers. Mean velocity is shown in per hour by figures in parentheses.  
 TEMPERATURE.—Isotherms are shown by lines with dots.  
 WEATHER SYMBOLS.—  
 ☉ clear sky. ☁ sky & cloud. ☁☁ sky & overcast sky. ☁☁☁ rain. \* snow. \* half. ☁☁☁ thunder. T thunder. R rain. SEA DISTURBANCE.—Rough. High.

| Districts.                | Forecasts for the 24 hours commencing 3 p.m.<br>15h. G.M.T. Saturday, 17th Apr. 1920.                                              |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| 1. S.E. England           | Light breezes, mainly from between S and E; fair to fine; visibility fair to good; temperature about normal.                       |
| 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 SE to S breezes; fair to fine, visibility fair to good; temperature rising.                                                  |
| 12. S.W. Scotland         |                                                                                                                                    |
| 13. Isle of Man           |                                                                                                                                    |
| 14. N. & N.W. Scotland    |                                                                                                                                    |
| 15. Hebrides              | Moderate S to SW wind; fair, some low cloud; visibility good; temperature rising.                                                  |
| 16. Orkneys and Shetlands |                                                                                                                                    |
| 17. N.W. Ireland          |                                                                                                                                    |
| 18. N.E. Ireland          |                                                                                                                                    |
| 19. S.E. Ireland          | Light breezes from between SE and E; fair, some low cloud; visibility good apart from mist on the coast; temperature about normal. |
| 20. S.W. Ireland          |                                                                                                                                    |



# SYNOPTIC CHART FOR MORNING OF Saturday 17<sup>th</sup> April 1920

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

LOW

HIGH

Barometer

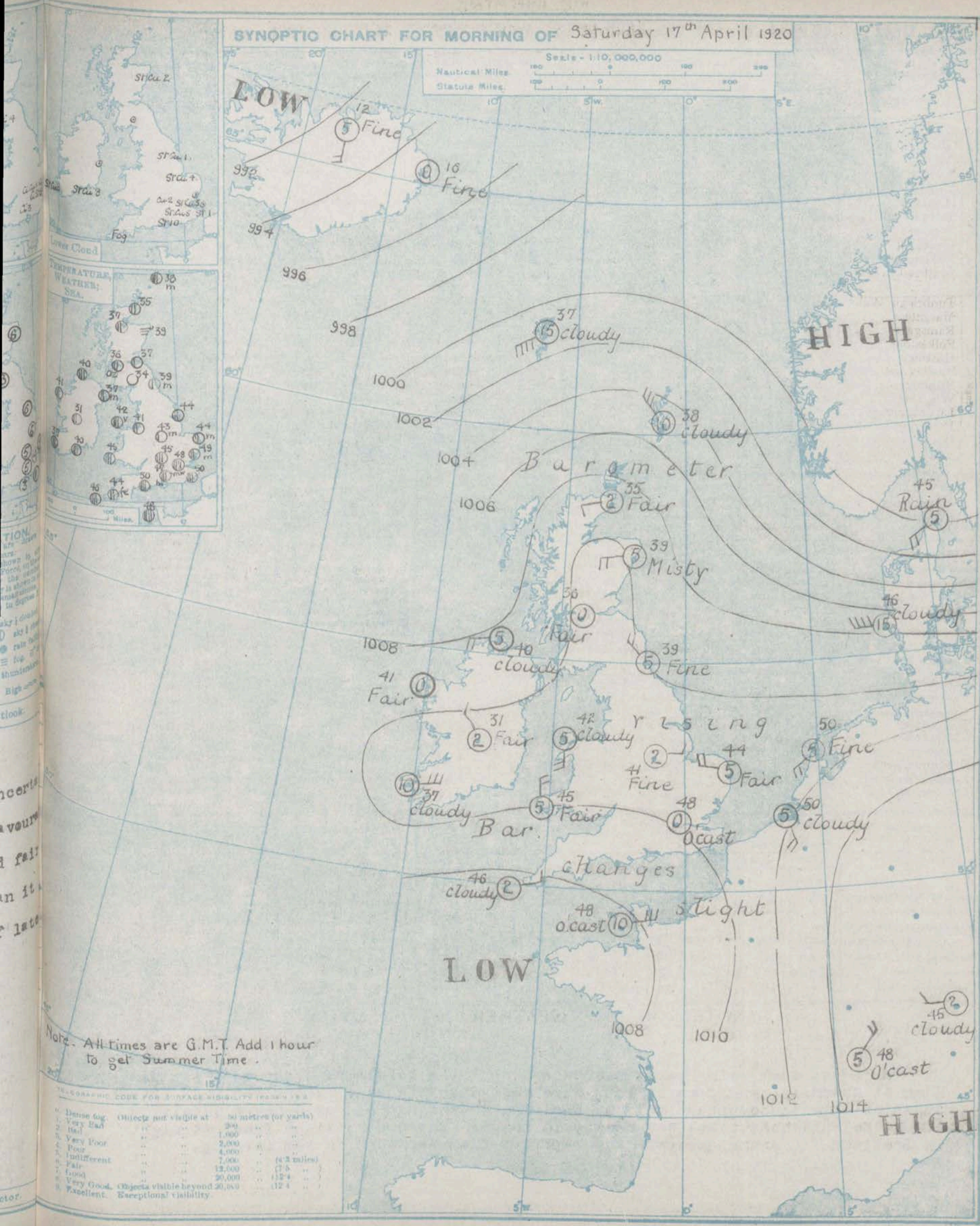
LOW

HIGH

Note. All times are G.M.T. Add 1 hour to get Summer Time.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)

| Code | Meaning                                  | Distance in metres (or yards) |
|------|------------------------------------------|-------------------------------|
| 0    | Dense fog. Objects not visible at        | 200                           |
| 1    | Very Bad                                 | 1,000                         |
| 2    | Bad                                      | 2,000                         |
| 3    | Very Poor                                | 4,000                         |
| 4    | Poor                                     | 7,000                         |
| 5    | Indifferent                              | 12,000                        |
| 6    | Fair                                     | 20,000                        |
| 7    | Good                                     | 30,000                        |
| 8    | Very Good. Objects visible beyond 20,000 | 12.4                          |
| 9    | Excellent. Exceptional visibility.       |                               |





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

| STATIONS.               | WEATHER.  |            | TEMPERATURE. |         | Rainfall.            |                 | SUNSHINE.  |                       | STATIONS.          | WEATHER.  |            | TEMPERATURE. |         | Rainfall.            |                 | SUNSHINE.  |                       |
|-------------------------|-----------|------------|--------------|---------|----------------------|-----------------|------------|-----------------------|--------------------|-----------|------------|--------------|---------|----------------------|-----------------|------------|-----------------------|
|                         | Forenoon. | Afternoon. | Max. F.      | Min. F. | Night. 17h-9h. 15-16 | Day. 9h-17h. 16 | to 17h. 16 | Sunrise to Sunset. 15 |                    | Forenoon. | Afternoon. | Max. F.      | Min. F. | Night. 17h-9h. 15-16 | Day. 9h-17h. 16 | to 17h. 16 | Sunrise to Sunset. 15 |
| Scotland.               |           |            |              |         |                      |                 |            |                       | Douglas (I.O.M.)   |           |            |              |         |                      |                 |            |                       |
| Oban ...                | cl        | bc         | 47           | 44      | 9                    | 1               | 0.8        | 0.0                   | Blackpool ...      | ro        | c          | 51           | 47      | 5                    | 0.3             | 1.4        | 2.3                   |
| Banff ...               | oc        | or         | 50           | 44      | 1                    | 3               | 0.2        | 0.1                   | Southport ...      | oc        | copeteo    | 51           | 46      | 3                    | 0.1             | 1.2        | 1.4                   |
| Montrose ...            | bc        | or         | 55           | 40      | 1                    | 11              | 2.0        | 0.0                   |                    |           |            |              |         |                      |                 |            |                       |
| St. Andrews ...         | o         | p          | 56           | 45      | 1                    | 1               | 1.0        | ?                     |                    |           |            |              |         |                      |                 |            |                       |
| England, N.E.           |           |            |              |         |                      |                 |            |                       | Midlands.          |           |            |              |         |                      |                 |            |                       |
| Harrogate ...           | oc bc     | bc co      | 53           | 46      | 1                    | -               | 2.9        | 1.5                   | Buxton ...         | cr bc     | c br cr    | 49           | 43      | 12                   | 6               | 0.1        | 1.0                   |
| Scarborough ...         | bc        | bc         | 56           | 48      | 2                    | -               | 2.3        | 0.7                   | Leamington Spa ... | cb        | cb         | 53           | 48      | 1                    | 0.1             | 4.1        | 0.2                   |
| Skewness ...            | b bc      | bc o       | 57           | 49      | 0.1                  | 0.4             | 5.3        | 1.8                   | Malvern ...        | oc bc     | bc cr      | 52           | 47      | 6                    | 1               | 2.0        | 1.0                   |
| Lowestoft ...           | bc cr     | c bc       | 57           | 49      | 0.2                  | 0.4             | 5.1        | 2.3                   | Ross-on-Wye ...    | pc bc     | pc rc      | 55           | 47      | 10                   | 1               | 2.0        | 0.6                   |
| Felixstowe ...          | oc bc     | c bc       | 57           | 50      | 1                    | 1               | 5.8        | 4.8                   | Bath ...           | bc bc     | bc bc      | 58           | 48      | 4                    | 3               | 5.0        | 0.0                   |
| Southend-on-Sea ...     | oc bc     | c bc       | 57           | 48      | 1                    | -               | 6.0        | 3.5                   |                    |           |            |              |         |                      |                 |            |                       |
| England, S.E.           |           |            |              |         |                      |                 |            |                       | Wales.             |           |            |              |         |                      |                 |            |                       |
| Tunbridge Wells ...     | oc bc     | bc c       | 56           | 46      | 5                    | -               | 3.8        | 1.1                   | Rhyl ...           | pc        | cp         | 50           | 46      | ?                    | ?               | 1.1        | 0.6                   |
| Margate ...             | c bc      | c bc       | 58           | 51      | -                    | 0.1             | 3.6        | 6.3                   | Colwyn Bay ...     | *         | *          | 52           | 47      | -                    | 6               | 1.7        | 2.5                   |
| Ramsgate ...            | *         | *          | *            | *       | *                    | *               | *          | *                     | Llandudno ...      | or        | ro         | 52           | 46      | 0.1                  | 5               | 0.5        | 3.1                   |
| Folkestone ...          | c         | c          | 56           | 50      | -                    | -               | 6.1        | 6.0                   | Aberystwyth ...    | ro        | c bc       | 50           | 47      | 7                    | 8               | 0.5        | 0.3                   |
| Hastings ...            | bc bc     | bc b       | 54           | 50      | -                    | 1               | 5.8        | 6.7                   | Swansea ...        |           |            |              |         |                      |                 |            |                       |
| Eastbourne ...          | bc bc     | bc bc      | 55           | 50      | -                    | 1               | 6.4        | 6.3                   | Weymouth ...       | c bc      | bc         | 56           | 49      | 0.2                  | -               | 7.2        | 1.0                   |
| Brighton ...            | oc        | c bc       | 55           | 48      | 1                    | 0.2             | 6.7        | 1.7                   | Teignmouth ...     | bc b      | bc bc      | 56           | 49      | 8                    | 1               | 5.8        | 0.8                   |
| Worthing ...            | oc bc     | bc         | 55           | 48      | 2                    | -               | 6.7        | 0.8                   | Torquay ...        | bc        | bc bc      | 56           | 48      | 6                    | 0.4             | 9.2        | 2.2                   |
| Littlehampton ...       | oc bc     | bc         | 57           | 47      | 2                    | 1               | 7.0        | 1.7                   | Paignton ...       | bc        | bc         | 57           | 46      | 2                    | -               | 7.9        | 2.2                   |
| Portsmouth (Sthsea) ... | oc        | *          | 55           | 49      | 1                    | 0.3             | 6.4        | 3.4                   | Penzance ...       | oc bc     | bc         | 56           | 47      | 3                    | -               | 7.0        | 0.2                   |
| Bournemouth ...         | *         | *          | 55           | 47      | 1                    | -               | 8.0        | 2.0                   | Newquay ...        | bc        | bc bc      | 54           | 47      | 3                    | -               | 8.0        | 0.0                   |
| Ventnor (I. of W.) ...  | *         | *          | 53           | 47      | 1                    | -               | 7.2        | 2.0                   | Bude ...           | c bc      | bc         | 55           | 49      | 3                    | -               | 6.9        | 0.0                   |
|                         |           |            |              |         |                      |                 |            |                       | Ifracombe ...      | oc        | c bc       | 52           | 49      | 6                    | 0.2             | 4.6        | 0.9                   |
|                         |           |            |              |         |                      |                 |            |                       | Weston-s-Mare ...  | bc bc     | bc         | 56           | 49      | 1                    | 1               | 4.2        | 1                     |
|                         |           |            |              |         |                      |                 |            |                       | Tenby ...          | ro        | bc         | 54           | 45      | 2                    | 1               | 4.8        | 0.2                   |

## SUMMARIES FOR PAST 24 HOURS.

| STATIONS.                  | WEATHER. |         |         |        | Max. Temp. F. | Min. Temp. F. | Min. on Grass F. | Rainfall.   |               | Sun. Hours. |
|----------------------------|----------|---------|---------|--------|---------------|---------------|------------------|-------------|---------------|-------------|
|                            | 7h-13h   | 13h-18h | 18h-24h | 24h-7h |               |               |                  | Day. 7h-18h | Night. 18h-7h |             |
| Eskdalemuir ...            | oc bc    | oc bc   | bc bc   | bc bc  | 49            | 28            | 21               | 1           | 0.1           | 0.4         |
| Valencia (Cahirciveen) ... | oc bc    | oc bc   | bc bc   | bc bc  | 50            | 30            | 30               | -           | -             | 9.8         |
| Baldonnel ...              | oc       | oc      | bc      | bc     | 52            | 4             | *                | *           | *             | *           |
| Didsbury ...               | oc       | oc      | bc      | bc     | 4             | 4             | *                | *           | *             | *           |
| Falmouth ...               | oc bc    | bc bc   | bc bc   | bc bc  | 56            | 44            | 37               | 1           | -             | 8.2         |
| Calshot (Hants) ...        | oc bc    | bc bc   | bc bc   | bc bc  | 55            | 45            | 40               | 5           | -             | 7.5         |
| Lympe (Folkestone) ...     | oc bc    | bc bc   | bc bc   | bc bc  | 54            | 42            | 36               | 0.4         | -             | 4.7         |
| Aberdeen ...               | oc       | oc      | bc      | bc     | 49            | 36            | 27               | 7           | 1             | 0.0         |
| Howden ...                 | oc       | oc      | bc      | bc     | 55            | 34            | *                | *           | *             | *           |
| Cranwell (Lines) ...       | oc       | oc      | bc      | bc     | 57            | 37            | *                | 1           | trace         | 5.1         |
| Felixstowe ...             | oc       | oc      | bc      | bc     | 57            | 46            | 4                | *           | *             | *           |
| Shoeburyness ...           | oc bc    | bc bc   | bc bc   | bc bc  | 58            | 45            | 37               | 0.4         | -             | 4.7         |
| Benson ...                 | oc       | oc      | bc      | bc     | 56            | 36            | 29               | 1           | -             | *           |
| S. Farnborough ...         | oc       | oc      | bc      | bc     | 59            | 42            | 33               | 5           | -             | 5.1         |
| London (Kew Obs.) ...      | oc       | oc      | bc      | bc     | 57            | 44            | 35               | 6           | -             | 5.0         |
| Croydon ...                | oc       | oc      | bc      | bc     | 56            | 43            | 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.

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

## THE BEAUFORT SCALE OF WIND FORCE.

Use only for surface observations.

Limits of Velocity at about 30 feet above ground.

| No. | Statute miles per hour. | Motres per second. |
|-----|-------------------------|--------------------|
| 0   | Less than 1             | Less than 0.3      |
| 1   | 1-3                     | 0.3-1.3            |
| 2   | 4-7                     | 1.0-3.3            |
| 3   | 8-12                    | 5.4-5.4            |
| 4   | 13-18                   | 5.5-7.9            |
| 5   | 19-24                   | 8.0-10.7           |
| 6   | 25-31                   | 10.8-13.8          |
| 7   | 32-38                   | 13.9-17.1          |
| 8   | 39-46                   | 17.2-20.7          |
| 9   | 47-54                   | 20.8-24.4          |
| 10  | 55-63                   | 24.5-28.4          |
| 11  | 64-75                   | 28.5-32.5          |
| 12  | Above 75                | 32.6 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. | 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. | 24 HOURS ENDED 9H G.M.T. |               |               |                  |               |                            | 15h. G.M.T. | 9h. G.M.T. |                                                                                                                                                  | Stations.                                                                                         | Sunrise. | Noon.  | Sunset. |
| Greenwich (Royal Observatory)  | cr.      | c.p.       | bc     | bc                       | 59            | 42            | 34               | 3             | 5.6                        | 64          | 80         | Vertical Component of Solar Radiation per Square Centimetre during yesterday.<br><br>Total 970 Joules.<br>Average Rate. 19.5<br>Maximum Rate. 70 | Yarmouth...                                                                                       | G.M.T.   | G.M.T. | G.M.T.  |
| City (Bunhill Row)             | *        | *          | *      | *                        | 58            | 44            | 36               | 7             | 4.0                        | 65          | 80         |                                                                                                                                                  |                                                                                                   | 4.53     | 11.53  | 6.57    |
| Westminster (St. James's Park) | *        | *          | *      | *                        | 59            | 44            | 36               | 6             | 3.8                        | 75          | 83         | Greenwich                                                                                                                                        | Wick                                                                                              | 4.51     | 11.52  | 6.53    |
| (Admiralty Arch)               | ormgeva  | bcq p.     | bcvcom | bcvcom                   | 59            | 42            | 36               | 5             | 7.8                        | 78          | 90         |                                                                                                                                                  |                                                                                                   | 5.3      | 12.0   | 6.57    |
| Camden Sq. (British Rainfall)  | op       | ow.op      | *      | *                        | 59            | 42            | 36               | 5             | 7.8                        | 78          | 90         | Valencia ...                                                                                                                                     | Valencia ...                                                                                      | 5.1      | 11.59  | 6.58    |
| Kensington Palace              | or.op    | op.o bc    | *      | *                        | 57            | 43            | 32               | 6             | 8.6 (18h)                  | 93          | 90         |                                                                                                                                                  |                                                                                                   | 4.58     | 12.12  | 7.26    |
| Hampstead Observatory          | *        | *          | *      | *                        | 55            | 44            | 38               | 5             | 4.0                        | *           | 90         |                                                                                                                                                  |                                                                                                   | 4.55     | 12.11  | 7.28    |
|                                |          |            |        |                          |               |               |                  |               |                            |             |            |                                                                                                                                                  |                                                                                                   | 5.43     | 12.41  | 7.39    |
|                                |          |            |        |                          |               |               |                  |               |                            |             |            |                                                                                                                                                  |                                                                                                   | 5.41     | 12.40  | 7.40    |

## NOTES ON THE WEATHER OF YESTERDAY.

There was some rain nearly everywhere, but the totals recorded were not large; 8 mm at Aberdeen, and 6 mm at Kew, were among the biggest. There was much bright sunshine over the Southern half of England, amounting to 8 or 9 hours locally, and at Valencia the total was nearly 10 hours. There was slight frost at night in Scotland. A thunderstorm was reported from Yarmouth in the morning.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B.21,332.

SUNDAY, 18<sup>TH</sup> APRIL, 1920.

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

| STATIONS.                      | BAROM.<br>at<br>M.S.L.<br>mb. | Change<br>in 3<br>hours. | WIND.  |                | TEMP.<br>°F. | Humidity.<br>% | Visibility<br>0-9. | Height<br>of Low<br>Cloud.<br>Feet. | Low Cloud. |               | Upper Cloud. |               | Sea<br>0-9. | BAROM.<br>at<br>M.S.L.<br>mb. | Change<br>in 3<br>hours. | WIND.  |                | TEMP.<br>°F. | Humidity.<br>% | Visibility<br>0-9. | Height<br>of Low<br>Cloud.<br>Feet. | Low Cloud. |               | Upper Cloud. |                                 | Sea<br>0-9. |       |               |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------------------|-------------------------------|--------------------------|--------|----------------|--------------|----------------|--------------------|-------------------------------------|------------|---------------|--------------|---------------|-------------|-------------------------------|--------------------------|--------|----------------|--------------|----------------|--------------------|-------------------------------------|------------|---------------|--------------|---------------------------------|-------------|-------|---------------|-------|---------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|                                |                               |                          | Direc. | Force<br>0-12. |              |                |                    |                                     | Form.      | Amt.<br>0-10. | Form.        | Amt.<br>0-10. |             |                               |                          | Direc. | Force<br>0-12. |              |                |                    |                                     | Form.      | Amt.<br>0-10. | Form.        | Amt.<br>0-10.                   |             | Form. | Amt.<br>0-10. | Form. | Amt.<br>0-10. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                |                               |                          |        |                |              |                |                    |                                     |            |               |              |               |             |                               |                          |        |                |              |                |                    |                                     |            |               |              |                                 |             |       |               |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13H. G.M.T. 17 <sup>TH</sup>   |                               |                          |        |                |              |                |                    |                                     |            |               |              |               |             |                               |                          |        |                |              |                |                    |                                     |            |               |              | 18H. G.M.T. OF 17 <sup>TH</sup> |             |       |               |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Eskdalemuir ...                | 1012.2                        | +1                       | SSW    | 3              | bey          | 48             | 45                 | 8                                   | -          | Cu            | 5            | -             | -           | *                             | 1012.3                   | 0      | SSW            | 4            | bc             | 47                 | 55                                  | 8          | -             | Scu          | 5                               | -           | -     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Valencia (Cahire's)            | 1011.9                        | 0                        | SSW    | 2              | c            | 49             | 65                 | 8                                   | 4,200      | Scu           | 8            | -             | -           | 3                             | 1011.9                   | 0      | WSW            | 3            | bc             | 50                 | 65                                  | 9          | -             | -            | -                               | -           | 3     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Baldonnell ...                 | 1011.9                        | 0                        | WSW    | 3              | bc           | 50             | 85                 | 7                                   | 4,200      | Cu            | 5            | Ast           | 1           | *                             | 1012.1                   | +1     | -              | 0            | 0              | 48                 | 75                                  | 7          | 5,700         | Scu          | 5                               | Ast         | 4     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Didsbury ...                   | 1010.9                        | 0                        | SSE    | 2              | om           | 53             | 7                  | 5                                   | 4,200      | Scu           | 9            | -             | -           | *                             | 1010.8                   | 0      | SE             | 1            | 03f            | 50                 | -                                   | 2          | 4,200         | Scu          | 7                               | Ast         | 3     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Falmouth ...                   | 1009.5                        | 0                        | E      | 2              | oz           | 53             | 85                 | 6                                   | -          | SE            | 10           | -             | -           | *                             | 1010.6                   | +2     | E              | 2            | 07m            | 49                 | 92                                  | 2          | -             | Nb           | 10                              | -           | -     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Calshot (Harris) ...           | 1010.4                        | 0                        | ESE    | 3              | om           | 53             | 85                 | 6                                   | 1,250      | Scu           | 10           | -             | -           | 2                             | 1009.1                   | -3     | E              | 2            | 0              | 54                 | 85                                  | 8          | 1,250         | Scu          | 10                              | -           | -     | 1             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lymington (Folkestone)         | 1008.7                        | 0                        | ENE    | 4              | om           | 52             | 85                 | 7                                   | 2,000      | St            | 3            | Ast           | 7           | *                             | 1000.7                   | -1     | NE             | 5            | 07c            | 48                 | 85                                  | 8          | -             | -            | -                               | Ast         | 10    | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Aberdeen ...                   | 1013.7                        | +3                       | SE     | 3              | b            | 49             | 45                 | 8                                   | -          | Cu            | 1            | -             | -           | 2                             | 1013.8                   | 0      | SSE            | 3            | b              | 42                 | 65                                  | 8          | -             | -            | Ci                              | 1           | 2     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Howden ...                     | 1012.2                        | 0                        | -      | 0              | bcz          | 52             | 55                 | 6                                   | 3,000      | Frca          | 3            | Ci st         | 2           | *                             | 1012.7                   | +1     | ENE            | 4            | 04f            | 48                 | 75                                  | 5          | 4,200         | St           | 6                               | Ast         | 4     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cranwell (Lines)               | 1012.8                        | 0                        | ENE    | 3              | c            | 54             | 65                 | 7                                   | 5,700      | Cu            | 2            | Ci st         | 6           | *                             | 1013.1                   | 0      | ENE            | 3            | om             | 47                 | 85                                  | 6          | 4,200         | St           | 4                               | Ast         | 6     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Felixstowe ...                 | 1012.6                        | 0                        | ENE    | 3              | 0            | 52             | 85                 | 5                                   | 2,000      | St            | 6            | Ast           | 4           | 2                             | 1012.0                   | 0      | NNE            | 3            | od             | 49                 | 91                                  | 4          | 750           | St           | 8                               | Ast         | 2     | 2             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shoeburyness ...               | 1011.4                        | +1                       | E      | 1              | 0            | 52             | 75                 | 7                                   | 3,000      | Scu           | 6            | Ast           | 4           | 2                             | 1010.4                   | -2     | E              | 2            | c              | 50                 | 85                                  | 7          | 3,000         | Scu          | 6                               | Ast         | 2     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Benson ...                     | 1010.4                        | 0                        | SE     | 1              | c            | 51             | 85                 | 3                                   | -          | St            | 4            | -             | -           | *                             | 1010.5                   | 0      | E              | 1            | 0              | 51                 | 85                                  | 3          | -             | St           | 5                               | -           | -     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S. Farnborough ...             | 1010.5                        | 0                        | ESE    | 2              | oz           | 55             | 75                 | 7                                   | 1,250      | Cu            | 6            | Ast           | 4           | *                             | 1000.0                   | -1     | ENE            | 3            | om             | 52                 | 85                                  | 5          | 750           | Nb           | 7                               | Ast         | 3     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| London (Kew Obs.)              | 1010.9                        | -1                       | ENE    | 3              | 0            | 54             | 75                 | 5                                   | 4,200      | St            | 4            | Ast           | 6           | *                             | 1010.3                   | 0      | ENE            | 3            | sh             | 52                 | 85                                  | 5          | 3,000         | Frca         | 5                               | Ast         | 4     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Croydon ...                    | 1010.6                        | -1                       | E      | 2              | om           | 54             | 85                 | 5                                   | 2,000      | Scu           | 7            | Ast           | 3           | *                             | 1010.4                   | 0      | ENE            | 3            | 0              | 54                 | 85                                  | 4          | 2,000         | Scu          | 7                               | Ast         | 3     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1H. G.M.T. OF 18 <sup>TH</sup> |                               |                          |        |                |              |                |                    |                                     |            |               |              |               |             |                               |                          |        |                |              |                |                    |                                     |            |               |              | 7H. G.M.T. OF 18 <sup>TH</sup>  |             |       |               |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Eskdalemuir ...                | 1013.6                        | 0                        | N      | 2              | 0            | 37             | 92                 | 6                                   | -          | St            | 9            | -             | -           | *                             | 1012.6                   | 0      | N              | 1            | c              | 40                 | 85                                  | 7          | -             | St           | 5                               | Ast         | 3     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Valencia (Cahire's)            | 1009.9                        | -2                       | SSE    | 2              | bc           | 45             | *                  | *                                   | *          | *             | *            | *             | *           | 3                             | 1005.6                   | -3     | SSE            | 5            | c              | 48                 | 75                                  | 8          | 2,000         | Scu          | 7                               | Ci          | 1     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Baldonnell ...                 | 1012.5                        | 0                        | -      | 0              | b            | 34             | 85                 | 6                                   | -          | -             | -            | Ast           | 1           | *                             | 1010.9                   | -1     | SSW            | 9            | 0              | 45                 | 75                                  | 7          | 5,700         | Scu          | 2                               | Ast         | 8     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Didsbury ...                   | *                             | *                        | *      | *              | *            | *              | *                  | *                                   | *          | *             | *            | *             | *           | *                             | 1012.5                   | 0      | SE             | 2            | bw             | 42                 | *                                   | 4          | 4,200         | St           | 1                               | Ast         | 2     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Falmouth ...                   | 1012.2                        | 0                        | NW     | 1              | b            | 45             | 92                 | 6                                   | -          | St            | 1            | -             | -           | *                             | 1013.2                   | +2     | W              | 4            | cw             | 43                 | 97                                  | 7          | -             | -            | Ci                              | 7           | *     |               |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Calshot (Harris) ...           | 1011.0                        | 0                        | N      | 2              | om           | 49             | 97                 | 4                                   | -          | St            | 10           | -             | -           | 1                             | 1012.2                   | +2     | -              | 0            | 0              | 49                 | 92                                  | 4          | 3,000         | Scu          | 10                              | -           | 1     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lymington (Folkestone)         | *                             | *                        | *      | *              | *            | *              | *                  | *                                   | *          | *             | *            | *             | *           | *                             | *                        | *      | *              | *            | *              | *                  | *                                   | *          | *             | *            | *                               | *           | *     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Aberdeen ...                   | *                             | *                        | *      | *              | *            | *              | *                  | *                                   | *          | *             | *            | *             | *           | *                             | 1013.6                   | +1     | SSE            | 3            | om             | 43                 | 85                                  | 6          | -             | St           | 10                              | -           | -     | 2             | *     |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Howden ...                     | 1012.8                        | 0                        | -      | 0              | bcw          | 39             | 97                 | 3                                   | 3,000      | St            | 4            | Ast           | 2           | *                             | 1013.8                   | 0      | -              | 0            | 0              | 42                 | 97                                  | 4          | 2,000         | Scu          | 10                              | -           | -     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cranwell (Lines)               | 1013.7                        | 0                        | NE     | 2              | om           | 45             | 93                 | 5                                   | 2,000      | St            | 10           | -             | -           | *                             | 1013.7                   | 0      | ENE            | 2            | c              | 41                 | 97                                  | 5          | 3,000         | St           | 4                               | Ast         | 3     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Felixstowe ...                 | *                             | *                        | *      | *              | *            | *              | *                  | *                                   | *          | *             | *            | *             | *           | *                             | 1011.6                   | 0      | NNE            | 1            | om             | 47                 | 85                                  | 5          | 12,500        | St           | 10                              | -           | -     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shoeburyness ...               | *                             | *                        | *      | *              | *            | *              | *                  | *                                   | *          | *             | *            | *             | *           | *                             | 1011.9                   | +1     | NE             | 1            | 0              | 46                 | 92                                  | 5          | -             | St           | 10                              | -           | -     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Benson ...                     | *                             | *                        | *      | *              | *            | *              | *                  | *                                   | *          | *             | *            | *             | *           | *                             | 1011.6                   | +1     | NE             | 2            | om             | 47                 | 92                                  | 5          | 12,500        | St           | 10                              | -           | -     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S. Farnborough ...             | *                             | *                        | *      | *              | *            | *              | *                  | *                                   | *          | *             | *            | *             | *           | *                             | 1011.9                   | +2     | N              | 1            | omgw           | 48                 | 85                                  | 5          | 4,200         | Scu          | 8                               | Ast         | 2     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| London (Kew Obs.)              | 1010.9                        | 0                        | *      | *              | *            | 48             | *                  | *                                   | *          | *             | *            | *             | *           | *                             | 1011.6                   | +1     | NE             | 2            | om             | 48                 | 97                                  | 4          | 2,000         | St           | 10                              | -           | -     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Croydon ...                    | 1011.1                        | 0                        | ENE    | 1              | om           | 48             | 97                 | 5                                   | 12,500     | St            | 10           | -             | -           | *                             | 1011.6                   | +1     | NE             | 2            | om             | 48                 | 97                                  | 4          | 2,000         | St           | 10                              | -           | -     | *             |       |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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

| STATIONS.                       | BAROM.<br>at<br>M.S.L.<br>mb. | TEMP.<br>°F. | WIND.  |                | Weather. | BAROMETER.                     |                          | TEMPERATURE. |                           | WIND.  |                | Dirac.<br>of<br>Upper<br>Cloud.     | Weather. | Sea<br>0-9. | Rainfall<br>mm. | TEMP.       |             | WEATHER.         |            |        | Sunshine<br>Hours. |
|---------------------------------|-------------------------------|--------------|--------|----------------|----------|--------------------------------|--------------------------|--------------|---------------------------|--------|----------------|-------------------------------------|----------|-------------|-----------------|-------------|-------------|------------------|------------|--------|--------------------|
|                                 |                               |              | Direc. | Force<br>0-12. |          | at<br>M.S.L.<br>mb.            | Change<br>in<br>3 hours. | Temp.<br>°F. | Change<br>in<br>24 hours. | Direc. | Force<br>0-12. |                                     |          |             |                 | Max.<br>°F. | Min.<br>°F. | Morning.         | Afternoon. | Night. |                    |
|                                 |                               |              |        |                |          |                                |                          |              |                           |        |                |                                     |          |             |                 |             |             |                  |            |        |                    |
| 18H. G.M.T. of 17 <sup>TH</sup> |                               |              |        |                |          | 7H. G.M.T. of 18 <sup>TH</sup> |                          |              |                           |        |                | 24 HOURS ENDED 7H. 18 <sup>TH</sup> |          |             |                 |             |             | 18 <sup>TH</sup> |            |        |                    |
| Lerwick                         | 1012.9                        | 45           | S      | 2              | bc       | 1013.7                         | 0                        | 43           | +5                        | SSE    | 4              | -                                   | bc       | 2           | -               | 46          | 36          | bcw              | bc         | bc     | *                  |
| Stornoway                       |                               |              |        |                |          |                                |                          |              |                           |        |                |                                     |          |             |                 |             |             |                  |            |        |                    |
| Castletown (Barra's)            |                               |              |        |                |          |                                |                          |              |                           |        |                |                                     |          |             |                 |             |             |                  |            |        |                    |
| Glasgow                         | 1011.6                        | 45           | ENE    | 2              | cz       | 1012.4                         | 0                        | 36           | 0                         | E      | 2              | S                                   | 02       | *           | -               | 53          | 33          | bcz              | bc.c.oz    | cbbcx  | 8.1                |
| Malin Head                      | 1009.4                        | 45           | E      | 2              | bc       | 1006.9                         | -1                       | 39           | -1                        | SE     | 3              | -                                   | c        | -2          | -               | 52          | 36          | c                | bc         | bc     | 8.3                |
| Blackod Point                   | 1008.8                        | 49           | SW     | 3              | bc       | 1004.3                         | -4                       | 46           | +5                        | SSE    | 3              | -                                   | bc       | 3           | -               | 51          | 37          | bc               | bc         | bc     | *                  |
| Roche's Point                   | 1012.7                        | 48           | SW     | 2              | bc       | 1010.0                         | -1                       | 47           | +7                        | S      | 4              | -                                   | 0        | 4           | 0.2             | 56          | 39          | cbc              | bc         | bw.o   | *                  |
| Birr Castle                     | 1011.3                        | 50           | W      | 1              | bc       | 1008.7                         | *                        | 40           | +9                        | S      | 3              | -                                   | bc       | *           | -               | 52          | 31          | bc               | bc         | bc     | 10.3               |
| Donaghadee                      | 1012.0                        | 45           | S      | 2              | bcv      | 1011.4                         | 0                        | 41           | +4                        | SW     | 2              | -                                   | bcw      | 1           | -               | 52          | 33          | bc               | c          | bcw    | *                  |
| Liverpool (Bidston)             | 1011.4                        | 48           | NNE    | 2              | m        | 1012.3                         | +1                       | 46           | +5                        | SE     | 2              | -                                   | 0        | 1           | -               | 51          | 41          | cm               | cm         | our    | 5.4                |
| Holyhead                        | 1012.2                        | 46           | NNE    | 3              | c        | 1010.9                         | -1                       | 41           | -1                        | SE     | 3              | -                                   | b        | 1           | Trace           | 52          | 41          | b.bc.c           | c.bc.c     | cob    | 4                  |
| Pembroke (St. Ann's Head)       | 1011.0                        | 49           | NNE    | 2              | b        | 1011.8                         | 0                        | 43           | -2                        | -      | 0              | -                                   | b        | 2           | -               | 54          | 41          | bc.b             | b          | bbe.b  | 10.3               |
| Scilly (St. Mary's)             | 1010.9                        | 51           | NNW    | 2              | c        | 1013.3                         | 0                        | 45           | -1                        | WSW    | 2              | -                                   | bv       | 2           | -               | 55          | 44          | c.bc.c           | c.bc.c     | bv     | 8.6                |
| Jersey (St. Aubin)              | 1006.4                        | 52           | NE     | 4              | c        | 1012.2                         | +2                       | 49           | +1                        | WNW    | 3              | -                                   | 0        | 3           | 18              | 53          | 47          | or.or            | or.bcc     | oro    | 0.5                |
| Portland Bill                   | 1009.6                        | 51           | E      | 4              | c        | 1011.9                         | +2                       | 49           | -1                        | -      | 0              | -                                   | 0        | 3           | 1               | 53          | 46          | co               | opc        | o      | *                  |
| Dungeness                       | 1008.3                        | 50           | NE     | 3              | c        | 1010.3                         | +2                       | 49           | -1                        | NE     | 3              | -                                   | 0        | 3           | 1               | 52          | 46          | c.o.c            | c.or.c     | c.r.co | *                  |
| Wick                            | 1011.6                        | 42           | SSE    | 4              | bcg      | 1010.7                         | 0                        | 42           | +7                        | S      | 3              | -                                   | bc       | 3           | -               | 45          | 35          | bc               | bc         | bcg    | *                  |
| Nairn                           | 1009.7                        | 47           | E      | 2              | bc       | 1010.6                         | *                        | 41           | +4                        | -      | 0              | -                                   | bc       | 0           | -               | 49          | 32          | bc               | bc.cbc     | bcx    | 9.7                |
| Leith                           | 1011.9                        | 47           | SE     | 1              | bc       | 1012.1                         | 0                        | 42           | +5                        | SE     | 1              | -                                   | om       | 1           | -               | 49          | 37          | bczbc            | bczbc      | bczbc  | *                  |
| Tynemouth                       | 1013.9                        | 43           | SE     | 3              | om       | 1014.0                         | 0                        | 36           | -3                        | SW     | 2              | -                                   | f        | 2           | -               | 45          | 34          | bc               | om         | f.bc   | *                  |
| Spurn Head                      | 1012.8                        | 45           | NE     | 3              | 0        | 1012.9                         | 0                        | 46           | +2                        | E      | 2              | -                                   | bc       | 3           | -               | 49          | 41          | bcw              | bc.o       | o      | *                  |
| Yarmouth (Gorleston)            | 1012.3                        | 48           | ENE    | 4              | c        | 1011.6                         | 0                        | 46           | +2                        | NE     | 4              | -                                   | omd      | 3           | 2               | 51          | 44          | bcwcm            | cm.cm      | omomp  | 1.5                |
| Clacton-on-Sea                  | 1010.8                        | 50           | NNE    | 3              | 0        | 1011.0                         | 0                        | 47           | -2                        | NNW    | 3              | -                                   | ogd      | 1           | 9               | 53          | 46          | bcwcm            | cm.og      | ogcor  | 2.3                |
| Nottingham                      | 1011.4                        | 49           | E      | 3              | 0        | 1012.8                         | *                        | 42           | -1                        | NNE    | 2              | -                                   | om       | *           | -               | 55          | 41          | b.bc             | c.o        | co     | 5.8                |

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

§ For code see page 3.



# SUMMARY OF CONDITIONS AT 7 A.M. 7h. G.M.T. Sunday 18th March, 1920.

| Districts.                | Wind Velocity in m.p.h. | Temperature. | Weather, Cloud and Precipitation. | Visibility. | Sea.   |
|---------------------------|-------------------------|--------------|-----------------------------------|-------------|--------|
| 1. S.E. England           | N-NE 2-10               | Mild.        | Dull, misty slight local rain.    | Indif       | Smooth |
| 2. E. England             | N-E 5-15                | R.mild       | Cloudy or dull, local             | "           | "      |
| 3. E. Midlands            | Var. 0-5.               | Normal       | Dull, local mist drizzle.         | Poor        | Slight |
| 4. W. Midlands            | Var. 0-5                | "            | Dull.                             | "           | "      |
| 5. S.W. England           | Wly 0-15                | "            | Variable cloud.                   | Good        | Smooth |
| 6. South Wales            | Var. 0-2                | "            | Fine                              | "           | "      |
| 7. North Wales            | SE 5-10                 | R.cold       | Fine.                             | Fair        | "      |
| 8. N.W. England           | SE 2-5                  | Normal       | Variable cloud.                   | Indif       | "      |
| 9. N. Midlands            | Var. 0-5                | "            | Dull some mist.                   | Poor        | "      |
| 10. N.E. England          | E-SW 0-5                | Var.         | Fair to dull, fog at Tynemouth.   | Poor        | Smooth |
| 11. E. Scotland           | SE-S 0-10               | Normal       | Fair to dull, some mist.          | Fair        | Smooth |
| 12. S.W. Scotland         | S-E 0-5                 | "            | Cloudy or dull.                   | Good        | "      |
| 13. Isle of Man           | SE 10                   | "            | Fair or fine.                     | Fair        | "      |
| 14. N. & N.W. Scotland    | S-SE 0-10               | "            | Fair to dull.                     | Indif.      | Slight |
| 15. Hebrides              | No reports              |              |                                   |             |        |
| 16. Orkneys and Shetlands | S-SE 10-15              | Normal       | Fair.                             | Fair        | Smooth |
| 17. N.W. Ireland          | SSE 10                  | "            | Fair                              | "           | Slight |
| 18. N.E. Ireland          | SW-SE 5-10              | R.Cold       | Fair or cloudy; local mist        | "           | Smooth |
| 19. S.E. Ireland          | S 10                    | Normal       | Variable cloud.                   | Good        | "      |
| 20. S.W. Ireland          | S 15-20                 | "            | Cloudy or dull.                   | V.Good      | Mod.   |

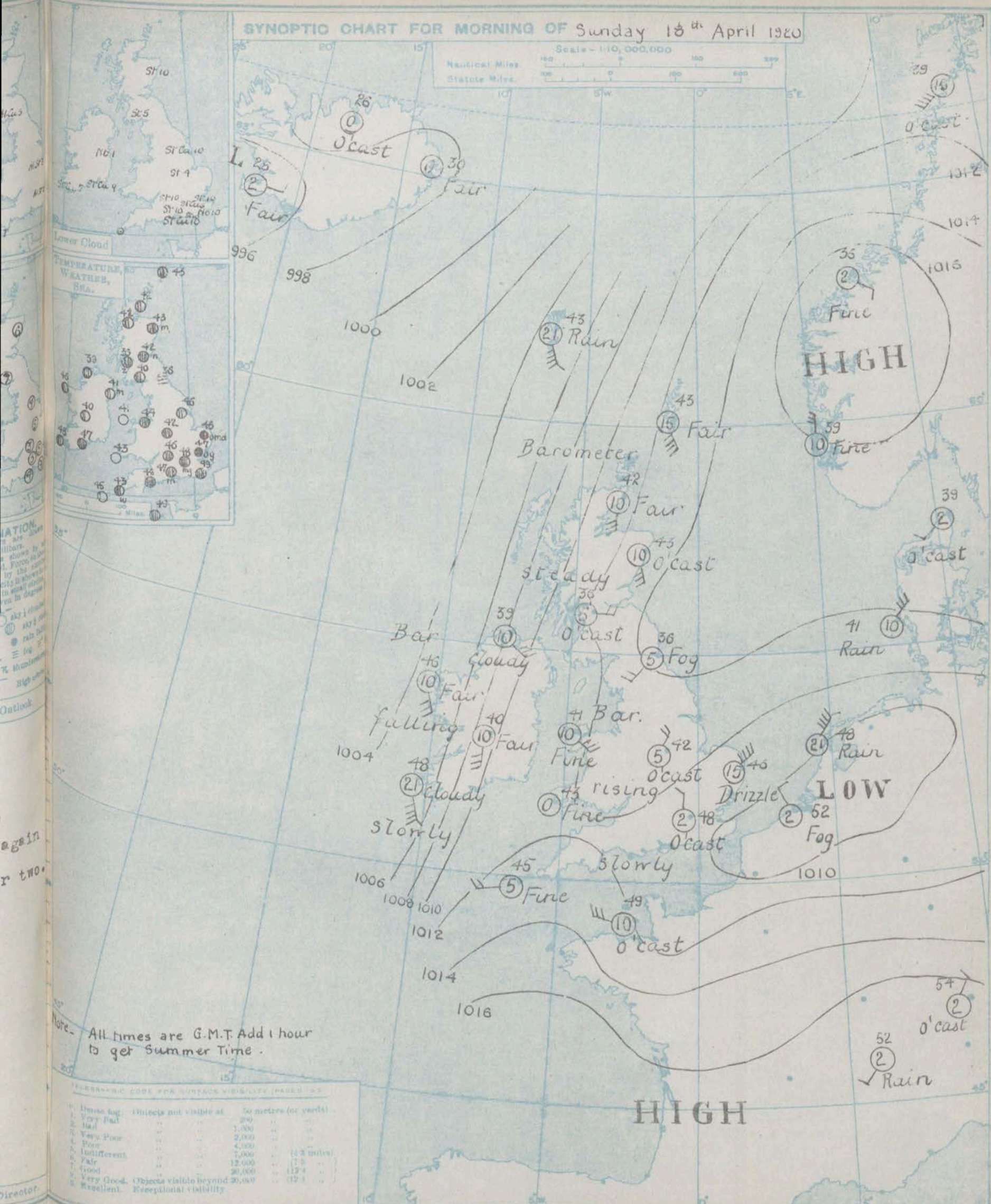
GENERAL INFERENCE from observations received up to 9h. G.M.T.

In Scotland, Ireland and the West of England a gradual return to unsettled weather is probable, but over Eastern and Central England it will be fair for a day or two.

**EXPLANATION.**  
**SANDMETER.**—Isobars are intervals of two millibars.  
**WIND.**—Direction is shown by a line with the wind blowing with the wind. Force is shown by the number of feathers. Mean velocity is shown by the number of figures in small circles per hour by figures in small circles.  
**TEMPERATURE.**—Temperature is given in degrees.  
**WEATHER SYMBOLS.**—  
 ☉ clear sky. ☁ sky & cloud. ☂ rain. ☃ snow. ⚡ hail. ⚡⚡ thunder. ⚡⚡⚡ high sea disturbance. ⚡⚡⚡⚡ rough sea.

| Districts.                | Forecasts for the 24 hours commencing 3 p.m.                                                         | Further Outlook.                          |
|---------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 1. S.E. England           | Wind light and indefinite; Cloudy to fair, clouds low; visibility indifferent; Moderate temperature. | Becoming unsettled again in a day or two. |
| 2. E. England             |                                                                                                      |                                           |
| 3. E. Midlands            |                                                                                                      |                                           |
| 4. W. Midlands            |                                                                                                      |                                           |
| 5. S.W. England.          | Wind Southerly, becoming stronger; Much low cloud; visibility indifferent to fair; warmer.           |                                           |
| 6. South Wales            |                                                                                                      |                                           |
| 7. North Wales            |                                                                                                      |                                           |
| 8. N.W. England           |                                                                                                      |                                           |
| 9. N. Midlands            |                                                                                                      |                                           |
| 10. N.E. England          |                                                                                                      |                                           |
| 11. E. Scotland           |                                                                                                      |                                           |
| 12. S.W. Scotland         |                                                                                                      |                                           |
| 13. Isle of Man           |                                                                                                      |                                           |
| 14. N. & N.W. Scotland    |                                                                                                      |                                           |
| 15. Hebrides              |                                                                                                      |                                           |
| 16. Orkneys and Shetlands |                                                                                                      |                                           |
| 17. N.W. Ireland          |                                                                                                      |                                           |
| 18. N.E. Ireland          |                                                                                                      |                                           |
| 19. S.E. Ireland          |                                                                                                      |                                           |
| 20. S.W. Ireland          |                                                                                                      |                                           |





Note - All times are G.M.T. Add 1 hour to get Summer Time.



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 103.

Sunday  
18th APRIL

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

| STATIONS.                     | WEATHER.  |            | TEMPERATURE. |         | RAINFALL.      |              | SUNSHINE. |                    | STATIONS.             | WEATHER.  |            | TEMPERATURE. |         | RAINFALL.      |              | SUNSHINE. |                    |
|-------------------------------|-----------|------------|--------------|---------|----------------|--------------|-----------|--------------------|-----------------------|-----------|------------|--------------|---------|----------------|--------------|-----------|--------------------|
|                               | Forenoon. | Afternoon. | Max. F.      | Min. F. | Night. 17h-9h. | Day. 9h-17h. | to 17h.   | Sunrise to Sunset. |                       | Forenoon. | Afternoon. | Max. F.      | Min. F. | Night. 17h-9h. | Day. 9h-17h. | to 17h.   | Sunrise to Sunset. |
| Scotland.                     |           |            |              |         |                |              |           |                    | England, N.W.         |           |            |              |         |                |              |           |                    |
| Oban ... ..                   | b         | b          | 50           | 31      | -              | -            | 9.8       | 2.0                | Douglas (I.O.M.)      |           |            |              |         |                |              |           |                    |
| Banff ... ..                  | b         | b          | 48           | 37      | 1              | -            | 9.0       | 0.2                | Blackpool ... ..      |           |            |              |         |                |              |           |                    |
| Montrose ... ..               | b         | b          | 46           | 33      | 1              | -            | 11.5      | 2.0                | Southport ... ..      | b bc      | bc c.o     | 51           | 38      | -              | -            | 7.6       | 1.2                |
| St. Andrews ... ..            |           |            |              |         |                |              |           |                    |                       |           |            |              |         |                |              |           |                    |
| England, N.E.                 |           |            |              |         |                |              |           |                    | Midlands.             |           |            |              |         |                |              |           |                    |
| Harrogate ... ..              | b         | bc o       | 52           | 33      | -              | -            | 8.3       | 4.5                | Buxton ... ..         | rc bc b   | b bc c     | 51           | 32      | 2              | -            | 4.8       | 0.2                |
| Scarborough ... ..            | b         | b          | 52           | 37      | -              | -            | 10.9      | 2.3                | Leamington Spa ... .. | c         | c o        | 55           | 44      | 1              | -            | 4.3       | 4.1                |
| Skegness ... ..               |           |            |              |         |                |              |           |                    | Malvern ... ..        |           |            |              |         |                |              |           |                    |
| England, E.                   |           |            |              |         |                |              |           |                    | Ross-on-Wye ... ..    | bc c.o    | c2 o3      | 55           | 41      | Trace          | -            | 0.9       | 2.3                |
| Lowestoft ... ..              |           |            |              |         |                |              |           |                    | Bath ... ..           | b bc c.o  | bc c.o     | 58           | 35      | -              | 0.3          | 3.5       | 5.1                |
| Felixstowe ... ..             | cym       | cym        | 52           | 47      | 0.3            | -            | 1.9       | 6.1                |                       |           |            |              |         |                |              |           |                    |
| Southend-on-Sea ... ..        | c.o       | o          | 54           | 46      | -              | -            | 0.8       | 6.0                | Wales.                |           |            |              |         |                |              |           |                    |
|                               |           |            |              |         |                |              |           |                    | Rhyl ... ..           |           |            |              |         |                |              |           |                    |
| England, S.E.                 |           |            |              |         |                |              |           |                    | Colwyn Bay ... ..     |           |            |              |         |                |              |           |                    |
| Tunbridge Wells ... ..        | o         | o          | 54           | 41      | -              | -            | 0.1       | 3.8                | Llandudno ... ..      | bc b      | h o        | 50           | 36      | 0.2            | 0.2          | 5.9       | 0.5                |
| Margate ... ..                | o         | o          | 52           | 45      | -              | 0.1          | 0.6       | 4.6                | Aberystwyth ... ..    | bc c      | c o        | 53           | 48      | 1              | 1            | 2.0       | 0.5                |
| Ramsgate ... ..               | *         | *          | 51           | 43      | -              | -            | 0.0       | 0.0                | Swansea ... ..        |           |            |              |         |                |              |           |                    |
| Folkestone ... ..             | m.o       | o          | 56           | 47      | -              | 1            | 0.0       | 6.1                | Weymouth ... ..       |           |            |              |         |                |              |           |                    |
| Hastings ... ..               | o         | o          | 54           | 46      | -              | 0.1          | 0.0       | 7.1                | Teignmouth ... ..     |           |            |              |         |                |              |           |                    |
| Eastbourne ... ..             | o         | o          | 54           | 46      | -              | -            | 0.0       | 7.4                | Torquay ... ..        | bc c.o    | rc o       | 52           | 44      | -              | -            | 0.7       | 9.4                |
| Brighton ... ..               |           |            |              |         |                |              |           |                    | Paignton ... ..       | c         | c          | 53           | 39      | -              | -            | 0.0       |                    |
| Worthing ... ..               | o.c       | c o        | 57           | 49      | -              | -            | 0.1       | 8.1                | Penzance ... ..       |           |            |              |         |                |              |           |                    |
| Littlehampton ... ..          | om        | om         | 57           | 48      | -              | -            | 0.3       | 8.8                | Newquay ... ..        |           |            |              |         |                |              |           |                    |
| Portsmouth (S. of Sea) ... .. | *         | *          | 57           | 45      | -              | -            | 0.0       | 7.6                | Bude ... ..           |           |            |              |         |                |              |           |                    |
| Bournemouth ... ..            | *         | *          | 54           | 48      | 0.3            | -            | 1.0       | 8.0                | Ilfracombe ... ..     |           |            |              |         |                |              |           |                    |
| Ventnor (I. of W.) ... ..     | *         | *          | 53           | 46      | -              | -            | 0.8       | 8.0                | Weston-s-Mare ... ..  |           |            |              |         |                |              |           |                    |
|                               |           |            |              |         |                |              |           |                    | Tenby ... ..          | bc        | bc         | 58           | 50      | 0.3            | -            | 8.9       | 4.8                |

### SUMMARIES FOR PAST 24 HOURS.

| STATIONS.                     | WEATHER. |          |           |           | Max. Temp. F. | Min. Temp. F. | Min. on Grass F. | RAINFALL.    |                | Sun. Hours. |
|-------------------------------|----------|----------|-----------|-----------|---------------|---------------|------------------|--------------|----------------|-------------|
|                               | 7h-13h.  | 13h-18h. | 18h-7h.   | 7h-18h.   |               |               |                  | Day. 7h-18h. | Night. 18h-7h. |             |
| Eskdalemuir ... ..            | bc by    | by       | bc c.o    | o c       | 50            | 33            | 28               | -            | -              | 12.8        |
| Valencia (Cahirciveen) ... .. | o.c      | c bc c   | b v bc c  | c o       | 51            | 37            | 36               | -            | -              | 7.6         |
| Baldonnel ... ..              | bc c     | v bc c   | ?         | c o       | 52            | *             | *                | *            | *              | *           |
| Didsbury ... ..               | z b.o    | om a.f.  | bc c      | bc c      | 54            | 40            | 45               | 1            | 1              | 1.0         |
| Falmouth ... ..               | om o2    | c o c m  | bc c dw   | bc c w    | 55            | 47            | 45               | 1            | 1              | 0.4         |
| Calshot (Hants) ... ..        | o om     | o f o    | rc om     | om c om   | 53            | 46            | 45               | 1            | 1              | 0.0         |
| Lympne (Folkestone) ... ..    | om       | om r     | om q m    | om q m    | 53            | 46            | 45               | 1            | 1              | 0.0         |
| Aberdeen ... ..               | bc by    | by       | bc c o f  | bc c      | 49            | 38            | 31               | -            | -              | 12.4        |
| Howden ... ..                 | z b bc   | c o      | 3ef bc c  | w c       | 54            | 36            | *                | *            | *              | *           |
| Cranwell (Lincs) ... ..       | bc c z   | c o m    | bc c o    | c o w     | 55            | 36            | *                | -            | -              | 7.9         |
| Felixstowe ... ..             | c g      | om f d   | c o r     | c o r     | 54            | 47            | 41               | -            | 5              | 2.0         |
| Shoeburyness ... ..           | bc c o   | c o      | c o r     | c o r     | 56            | 44            | 42               | -            | -              | *           |
| Benson ... ..                 | bc o     | o        | c o       | c o       | 56            | 45            | 38               | -            | Trace          | 0.3         |
| S. Farnborough ... ..         | c o z    | o f o m  | c o p o m | c o p o m | 55            | 44            | 43               | -            | -              | 0.1         |
| London (Kew Obs.) ... ..      | om w o   | om c o f | om g w    | om g w    | 54            | 47            | 46               | -            | -              | *           |
| Croydon ... ..                | om       | om       | p o m     | p o m     | 54            | 47            | 46               | -            | -              | *           |

### BEAUFORT NOTATION.

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

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

### THE BEAUFORT SCALE OF WIND FORCE.

| Limits of Velocity at about 30 feet above ground. |                         |                    |
|---------------------------------------------------|-------------------------|--------------------|
| No.                                               | Statute miles per hour. | Metres per second. |
| 0                                                 | Less than 1             | Less than 0.9      |
| 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 ☄  
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. | Sun-shine to Sunset. | Humidity %   |             |
|--------------------------------|----------|------------|----------|-------------------------------|---------------|---------------|------------------|------------|----------------------|--------------|-------------|
|                                | Morning. | Afternoon. | Night.   | 24 Hours ended in G.M.T. 18h. |               |               |                  |            |                      | 10 h. G.M.T. | 9 h. G.M.T. |
| Greenwich (Royal Observatory)  | c bc     | c          | rc o r   | 55 47 47                      | -             | 0.0           | 6.8              | 52         |                      |              |             |
| City (Bauhill Row)             | *        | *          | *        | *                             | *             | *             | *                | *          |                      |              |             |
| Westminster (St. James's Park) | *        | *          | *        | *                             | *             | *             | *                | *          |                      |              |             |
| " (Admiralty Arch)             | o f o m  | o z        | bc z o z | 56 48                         | *             | 0.0           | 82               | 86         |                      |              |             |
| Camden Sq. (British Rainfall)  | o        | o          | *        | 58 47 45                      | -             | *             | 71               | 85         |                      |              |             |
| Kensington Palace              | o        | o          | *        | 55 46 44                      | -             | *             | 85 (18h)         | 90         |                      |              |             |
| Hampstead Observatory          | *        | *          | *        | 53 44 37                      | -             | 0.4           | *                | 87         |                      |              |             |

### SOUTH KENSINGTON (Meteorological Office).

| Vertical Component of Solar Radiation, per Square Centimetre during yesterday. | YESTERDAY.   |             | TO-DAY.      |             |
|--------------------------------------------------------------------------------|--------------|-------------|--------------|-------------|
|                                                                                | 10 h. G.M.T. | 9 h. G.M.T. | 10 h. G.M.T. | 9 h. G.M.T. |
| Total .....                                                                    | 82           | 86          | 82           | 86          |
| Average Rate.                                                                  | 82           | 86          | 82           | 86          |
| Maximum Rate.                                                                  | 82           | 86          | 82           | 86          |

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

| 18th and 19th APRIL, 1920. |          |        |         |
|----------------------------|----------|--------|---------|
| Stations.                  | Sunrise. | Noon.  | Sunset. |
|                            | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...               | 4.51     | 11.52  | 6.53    |
| Greenwich ...              | 4.49     | 11.52  | 6.54    |
| Wick ...                   | 4.55     | 12.11  | 7.28    |
| Valencia ...               | 5.41     | 12.40  | 7.40    |

### NOTES ON THE WEATHER OF YESTERDAY.

A depression that passed from the Bay of Biscay to Holland caused some rain in the South and South-east of England: 9 mm at Clacton, 7 mm at Calshot (Hants) and 6 mm at Falmouth. At Jersey there was as much as 18 mm. Except in parts of Southern England there was much bright sunshine, in many cases over 10 hours. The temperature did not exceed 50° in Scotland, but reached 57° at Worthing, Littlehampton and Southsea, and 58° at Bath and Tenby.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B.26335.

Monday, 19th April, 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.   |           |            | Feet.  | Form.      | Amt.         | Form.               | Amt.   | 0-9.   | at     | Change |         | Direc. |           |            | Force  | °F.        | Feet.        | Form. | Amt. | Form. | Amt. | 0-9. |
|                     | M.S.L. | in 3 hours. |        |       |         |       |           |            |        |            |              |                     |        |        |        |        |         |        |           |            |        |            |              |       |      |       |      |      |
| 13H. G.M.T. 18th    |        |             |        |       |         |       |           |            |        |            |              | 18H. G.M.T. OF 19th |        |        |        |        |         |        |           |            |        |            |              |       |      |       |      |      |
| Eskdalemuir ...     | 1000.6 | -2          | S      | 4     | og      | 52    | 85        | 7          | -      | Stn        | 10           | -                   | *      | 1003.5 | -7     | SSW    | 2       | om     | 47        | 85         | 4      | -          | Stn          | 7     | ASc  | 3     |      |      |
| Valencia (Cahire'n) | 1001.9 | -2          | S      | 5     | dr      | 49    | 75        | 0          | 1250   | Stn        | 6            | ASc                 | 4      | *      | 1003.6 | +2     | SW      | 4      | C         | 48         | 75     | 8          | 2000         | Stn   | 7    | -     | -    | 4    |
| Baldonnell ...      | 1008.1 | -5          | S      | 4     | og      | 51    | 85        | 6          | 1200   | Stn        | 7            | ASc                 | 3      | *      | 1005.9 | -4     | S       | 3      | or        | 48         | 72     | 6          | 2000         | Stn   | 10   | -     | -    | *    |
| Didsbury ...        | 1011.6 | -1          | SE     | 3     | C       | 55    | -         | 4          | 1200   | Stn        | 5            | 2.2                 | 2      | *      | 1010.8 | -2     | SSW     | 3      | bc        | 52         | -      | 3          | 2000         | Nb    | 10   | -     | -    | *    |
| Falmouth ...        | 1013.1 | 0           | ?      | 4     | bc      | 54    | 85        | 8          | -      | Stn        | 2            | 2                   | 2      | *      | 1011.8 | -1     | SSW     | 4      | org       | 50         | 85     | 4          | -            | Nb    | 10   | -     | -    | *    |
| Calshot (Hants) ... | 1013.7 | +1          | S      | 2     | 0       | 55    | 75        | 6          | 2,000  | Stn        | 7            | 2.2                 | 3      | *      | 1012.1 | 0      | SW      | 4      | C         | 50         | 85     | 8          | 5,700        | Stn   | 1    | ci    | 6    | 2    |
| Lympne (Folkestone) | 1010.7 | +4          | NNE    | 4     | om      | 49    | 92        | 6          | 750    | Nb         | 10           | -                   | -      | *      | 1011.9 | +2     | -       | 0      | om        | 49         | 94     | 5          | 2000         | Stn   | 10   | -     | -    | *    |
| Aberdeen ...        | 1013.0 | -1          | SSW    | 3     | 0       | 45    | 85        | 7          | -      | Stn        | 10           | -                   | -      | 3      | 1010.9 | -3     | SSW     | 3      | bc        | 43         | 85     | 8          | -            | Stn   | 1    | ci    | 1    | 4    |
| Howden ...          | 1013.2 | 0           | ESE    | 4     | 6       | 54    | 85        | 7          | 2000   | Stn        | 2            | 2.2                 | 1      | *      | 1011.2 | -1     | E       | 4      | C         | 48         | 92     | 6          | 3000         | Stn   | 4    | 2.2   | 2    | *    |
| Cranwell (Lincs)    | 1013.0 | 0           | E      | 3     | og      | 52    | 75        | 7          | 1200   | Stn        | 9            | -                   | -      | *      | 1013.3 | 0      | SE      | 3      | og        | 48         | 97     | 7          | 3000         | Stn   | 6    | 2.2   | 1    | 4    |
| Felixstowe ...      | 1012.7 | +2          | NNE    | 1     | 0       | 49    | 85        | 7          | 3000   | Stn        | 7            | 2.2                 | 3      | *      | 1013.6 | +      | -       | 0      | 0         | 50         | 85     | 6          | 3000         | Stn   | 8    | 2.2   | 2    | *    |
| Shoeburyness...     | 1012.9 | 0           | NE     | 1     | C       | 55    | 75        | 6          | -      | Stn        | 5            | -                   | -      | *      | 1012.3 | 0      | SW      | 1      | 0         | 50         | 85     | 6          | -            | Stn   | 9    | -     | -    | *    |
| Benson ...          | 1013.0 | 4           | S      | 1     | om      | 52    | 85        | 6          | 1250   | Nb         | 10           | -                   | -      | *      | 1012.9 | 0      | SW      | 3      | om        | 52         | 85     | 7          | 2000         | Stn   | 8    | -     | -    | *    |
| S. Farnborough      | 1013.4 | +           | -      | 0     | om      | 51    | 85        | 5          | 1200   | Stn        | 8            | 2.2                 | 2      | *      | 1013.1 | 0      | SSW     | 1      | om        | 52         | 85     | 3          | 5,700        | Stn   | 7    | 2.2   | 3    | *    |
| London (Kew Obs.)   | 1013.4 | +           | -      | 0     | of      | 48    | 91        | 3          | 4500   | Stn        | 10           | -                   | -      | *      | 1013.8 | 0      | -       | 0      | om        | 51         | 94     | 5          | 750          | Stn   | 7    | 2.2   | 2    | *    |
| Croydon ...         | 1013.4 | +           | -      | 0     | of      | 48    | 91        | 3          | 4500   | Stn        | 10           | -                   | -      | *      | 1013.8 | 0      | -       | 0      | om        | 51         | 94     | 5          | 750          | Stn   | 7    | 2.2   | 2    | *    |
| 1H. G.M.T. OF 19th  |        |             |        |       |         |       |           |            |        |            |              | 7H. G.M.T. OF 19th  |        |        |        |        |         |        |           |            |        |            |              |       |      |       |      |      |
| Eskdalemuir ...     | 1008.2 | -2          | SSW    | 3     | om      | 42    | 74        | 5          | -      | Nb         | 10           | -                   | -      | *      | 1007.3 | 0      | SSW     | 3      | 0         | 43         | 92     | 6          | 2000         | Stn   | 10   | -     | -    | *    |
| Valencia (Cahire'n) | 1008.3 | +2          | ?      | ?     | R       | 46    | 94        | 4          | 750    | Stn        | 10           | -                   | -      | *      | 998.0  | -10    | SSW     | 5      | or        | 45         | 85     | 5          | 2000         | Stn   | 10   | -     | -    | 3    |
| Baldonnell ...      | 1008.3 | +2          | ?      | ?     | R       | 46    | 94        | 4          | 750    | Stn        | 10           | -                   | -      | *      | 998.0  | -10    | SSW     | 5      | or        | 45         | 85     | 5          | 2000         | Stn   | 10   | -     | -    | 3    |
| Didsbury ...        | *      | *           | *      | *     | *       | *     | *         | *          | *      | *          | *            | *                   | *      | *      | 1009.4 | -1     | SW      | 3      | or        | 49         | 92     | 5          | -            | Stn   | 9    | -     | -    | *    |
| Falmouth ...        | *      | *           | *      | *     | *       | *     | *         | *          | *      | *          | *            | *                   | *      | *      | 1012.9 | -2     | S       | 5      | bc        | 50         | 92     | 8          | 1250         | Stn   | 10   | -     | -    | *    |
| Calshot (Hants) ... | 1014.4 | 0           | S      | 2     | bc      | 48    | 85        | 8          | 1250   | Stn        | 3            | -                   | -      | *      | 1013.0 | 0      | S       | 3      | bc        | 46         | 85     | 6          | 1250         | -     | -    | 2.2   | 5    | *    |
| Lympne (Folkestone) | *      | *           | *      | *     | *       | *     | *         | *          | *      | *          | *            | *                   | *      | *      | 1017.7 | 0      | SSW     | 3      | 0.2       | 44         | 92     | 5          | -            | Stn   | 10   | -     | -    | 4    |
| Aberdeen ...        | 1011.3 | -1          | SE     | 2     | C       | 44    | 97        | 6          | 2000   | Stn        | 8            | -                   | -      | *      | 1009.9 | 0      | SE      | 4      | 2.3       | 45         | 94     | 4          | 1250         | Nb    | 10   | -     | -    | *    |
| Howden ...          | 1013.2 | -1          | SSW    | 3     | bc      | 43    | 97        | 5          | -      | -          | -            | -                   | -      | *      | 1012.2 | 0      | S       | 1      | or        | 45         | 97     | 6          | 3000         | Stn   | 10   | -     | -    | *    |
| Cranwell (Lincs)    | *      | *           | *      | *     | *       | *     | *         | *          | *      | *          | *            | *                   | *      | *      | 1010.4 | 0      | SW      | 2      | C         | 46         | 92     | 5          | 3000         | Stn   | 3    | 2.2   | 5    | 1    |
| Felixstowe ...      | *      | *           | *      | *     | *       | *     | *         | *          | *      | *          | *            | *                   | *      | *      | 1014.2 | 0      | S       | 1      | bc        | 47         | 85     | 7          | -            | Stn   | 9    | -     | -    | *    |
| Shoeburyness...     | *      | *           | *      | *     | *       | *     | *         | *          | *      | *          | *            | *                   | *      | *      | 1011.4 | -1     | SSW     | 3      | 0         | 48         | 92     | 5          | -            | Stn   | 9    | -     | -    | *    |
| Benson ...          | *      | *           | *      | *     | *       | *     | *         | *          | *      | *          | *            | *                   | *      | *      | 1012.5 | -1     | SSW     | 4      | 0         | 48         | 92     | 7          | 1250         | Stn   | 7    | 2.2   | 2    | *    |
| S. Farnborough      | 1014.2 | 0           | *      | *     | *       | 45    | *         | *          | *      | *          | *            | *                   | *      | *      | 1013.2 | +      | SSW     | 2      | 0.2       | 47         | 85     | 5          | -            | -     | -    | 2.2   | 9    | *    |
| London (Kew Obs.)   | 1015.0 | -1          | SW     | 2     | bc      | 40    | 94        | 4          | -      | -          | -            | -                   | -      | *      | 1013.0 | -2     | SW      | 3      | bc        | 41         | 94     | 5          | 2000         | Stn   | 2    | 2.2   | 6    | *    |
| Croydon ...         | 1015.0 | -1          | SW     | 2     | bc      | 40    | 94        | 4          | -      | -          | -            | -                   | -      | *      | 1013.0 | -2     | SW      | 3      | bc        | 41         | 94     | 5          | 2000         | Stn   | 2    | 2.2   | 6    | *    |

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

| STATIONS.                     | BAROM.<br>at<br>M.S.L.<br>mb. | TEMP.<br>°F. | WIND.  |                | Weather. | BAROMETER.          |                          | TEMPERATURE. |                           | WIND.  |                | Dirac.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rainfall<br>mm. | TEMP.       |             | WEATHER. |             |          | Sunshine<br>Hours. |
|-------------------------------|-------------------------------|--------------|--------|----------------|----------|---------------------|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|-----------------|-------------|-------------|----------|-------------|----------|--------------------|
|                               |                               |              | Direc. | Force<br>0-12. |          | at<br>M.S.L.<br>mb. | Change<br>in<br>3 hours. | Temp.<br>°F. | Change<br>in<br>24 hours. | Direc. | Force<br>0-12. |                                 |          |             |                 | Max.<br>°F. | Min.<br>°F. | Morning. | Afternoon.  | Night.   |                    |
|                               |                               |              |        |                |          |                     |                          |              |                           |        |                |                                 |          |             |                 |             |             |          |             |          |                    |
| 18H. G.M.T. of 18th           |                               |              |        |                |          | 7H. G.M.T. of 19th  |                          |              |                           |        |                | 24 HOURS ENDED 7H. 19th         |          |             |                 |             |             | 18th     |             |          |                    |
| Lerwick ...                   | 1011.7                        | 43           | SE     | 3              | bcn      | 1010.7              | -2                       | 43           | 0                         | S      | 4              | S                               | bc       | 3           | -               | 47          | 39          | bcn      | bcn         | bc       | *                  |
| Stornoway ...                 | 1000.4                        | 0            |        |                |          | 1000.4              | 0                        | 46           | 0                         | S      | 3              | -                               | 0        | 2           | 1               | 50          | 45          | bcn      | bcn         | bc       | 3.0                |
| Castlebay (Barra) ...         |                               |              |        |                |          |                     |                          |              |                           |        |                |                                 |          |             |                 |             |             |          |             |          |                    |
| Glasgow ...                   | 1008.3                        | 50           | S      | 3              | om       | 1005.7              | 0                        | 45           | +9                        | SW     | 3              | S                               | om       | *           | 1               | 53          | 35          | omg      | omg         | omg, cdp | 0.0                |
| Malin Head ...                | 999.7                         | 47           | S      | 4              | cr       | 1001.7              | 4                        | 43           | 44                        | S      | 2              | S                               | bc       | 2           | 1               | 50          | 38          | c        | c           | cp       | 0.0                |
| Blacksod Point ...            | 998.0                         | 50           | S      | 4              | bcg      | 992.2               | -5                       | 44           | -2                        | ESE    | 3              | -                               | bc       | 3           | 3               | 51          | 36          | cgr      | bcg         | bc       | *                  |
| Roche's Point ...             | 1005.1                        | 50           | SW     | 4              | 0        | 1003.1              | -3                       | 48           | 41                        | S      | 4              | -                               | 0        | 5           | 6               | 52          | 43          | acorn    | acorn       | bc       | *                  |
| Birr Castle ...               | 1003.2                        | 49           | S      | 2              | 0        | 1003.0              | *                        | 40           | 0                         | S      | 1              | -                               | c        | *           | 8               | 51          | 36          | c        | c, cp       | cp, c    | 1.3                |
| Donaghadee ...                | 1007.5                        | 47           | S      | 3              | bcn      | 1006.1              | 0                        | 42           | 41                        | SW     | 1              | -                               | bcn      | 1           | 1               | 51          | 38          | bcn      | bcn         | omg      | *                  |
| Liverpool (Bidston) ...       | 1010.2                        | 51           | SSE    | 2              | 0        | 1007.3              | -2                       | 46           | 0                         | SE     | 3              | SE                              | 0        | 2           | 1               | 56          | 42          | bcn      | c, b        | cp       | 2.5                |
| Holyhead ...                  | 1008.8                        | 48           | S      | 5              | cv       | 1005.7              | -1                       | 47           | 46                        | SW     | 3              | -                               | ogd      | 2           | 1               | 52          | 41          | b, bcn   | bc, c       | c, cpd   | 5.6                |
| Pembroke (St. Ann's Head) ... | 1010.2                        | 49           | S      | 4              | ov       | 1009.1              | -1                       | 47           | 44                        | SSW    | 3              | -                               | 0        | 4           | 3               | 49          | 43          | bcv      | r, c, d     | of       | 7.3                |
| Scilly (St. Mary's) ...       | 1010.9                        | 50           | S      | 4              | om       | 1009.5              | -1                       | 48           | 43                        | SW     | 3              | SW                              | 0        | 4           | 1               | 53          | 45          | b, bcv   | o, c, op    | om       | 4.4                |
| Jersey (St. Aubin) ...        | 1015.3                        | 52           | NNW    | 3              | c        | 1013.6              | -1                       | 50           | 41                        | S      | 3              | -                               | 0        | 3           | -               | 55          | 47          | o, bc    | bc, b, o, b | b, o     | 2.5                |
| Portland Bill ...             | 1012.9                        | 50           | W      | 4              | bc       | 1010.8              | -3                       | 49           | 0                         | S      | 5              | -                               | op       | 4           | 0.2             | 53          | 46          | 0        | o, bc       | c, o     | *                  |
| Dungeness ...                 | 1013.2                        | 50           | SW     | 2              | 0        | 1014.3              | 0                        | 49           | 0                         | SW     | 3              | SW                              | b        | 3           | -               | 52          | 44          | ac, o    | 0           | oc, bc   | *                  |
| Wick ...                      | 1007.0                        | 44           | S      | 7              | 0        | 1005.6              | 0                        | 44           | 42                        | SSE    | 6              | -                               | omg      | 2           | 0.1             | 44          | 41          | bcng     | c, omg      | c, omg   | *                  |
| Nairn ...                     | 1005.9                        | 52           | SW     | 1              | c        | 1003.1              | *                        | 50           | 49                        | -      | 0              | -                               | bc       | 0           | 0               | 57          | 39          | c, bcj   | bcj, c      | cj, bc   | 7.4                |
| Leith ...                     | 1007.5                        | 55           | SW     | 1              | 0        | 1005.6              | 0                        | 49           | 47                        | SW     | 2              | SW                              | c        | 1           | -               | 58          | 41          | om, o, c | c, bc, u, o | omg, c   | *                  |
| Tynemouth ...                 | 1011.0                        | 44           | SE     | 4              | om       | 1008.7              | -1                       | 46           | 40                        | SW     | 2              | -                               | bcn      | 3           | -               | 49          | 35          | bcn      | bcn         | om, c    | *                  |
| Spurn Head ...                | 1013.0                        | 46           | ESE    | 4              | c        | 1011.1              | -1                       | 45           | -1                        | S      | 4              | -                               | om       | 3           | -               | 50          | 43          | bc       | c           | om       | *                  |
| Yarmouth (Gorleston) ...      | 1013.3                        | 47           | E      | 2              | 0        | 1013.7              | 0                        | 44           | -2                        | SW     | 1              | -                               | om       | 1           | 3               | 48          | 44          | om, c    | omg         | om, bcn  | 0.0                |
| Clacton-on-Sea ...            | 1013.2                        | 49           | NNE    | 1              | 0        | 1014.1              | 0                        | 47           | 0                         | SW     | 3              | -                               | cy       | 2           | 2               | 49          | 42          | og, rog  | og, md      | og, bcv  | 0.0                |
| Nottingham ...                | 1012.1                        | 52           | SE     | 2              | od       | 1010.9              | *                        | 46           | 44                        | S      | 2              | S                               | 0        | *           | 2               | 56          | 42          | oc       | c, o        | r, o, c  | 1.7                |

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ For code see page 3.



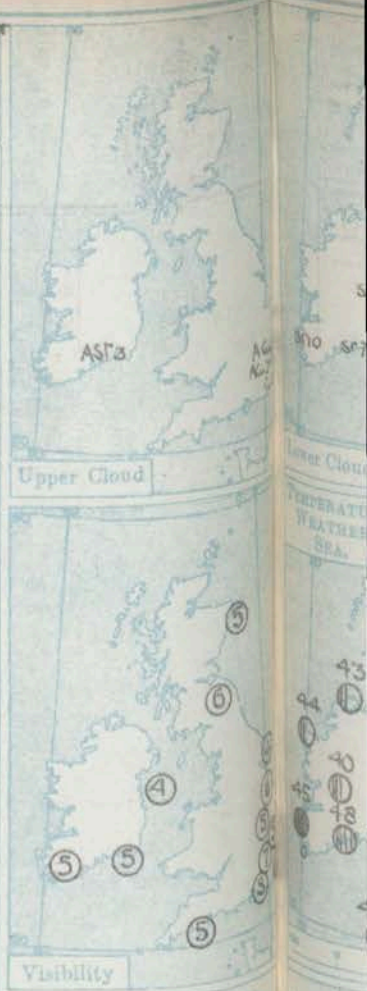
# SUMMARY OF CONDITIONS AT 7h A.M.T. Monday 19th April, 1920.

| Districts.                | Wind Velocity in m.p.h. | Temperature. | Weather, Cloud and Precipitation.          | Visibility. | Sea.    |
|---------------------------|-------------------------|--------------|--------------------------------------------|-------------|---------|
| 1. S.E. England           | SSE-SW 10-20            | Warm.        | Variable cloud, local light rain and mist. | Fair        | Slight  |
| 2. E. England             | S-SW 2-10               | R. Warm.     | Fair to dull, local mist.                  | Var.        | Smooth  |
| 3. E. Midlands            | SSE-S. 5-10             | Warm.        | Dull.                                      | Indif.      | -       |
| 4. W. Midlands            | SE-SW 5-10              | R. Warm.     | Dull.                                      | "           | -       |
| 5. S.W. England           | S-SW 10-20              | "            | Dull, local showers.                       | Fair.       | Mod.    |
| 6. South Wales            | S-SW 10                 | "            | Dull.                                      | Indif.      | "       |
| 7. North Wales            | SE-SW 10                | "            | Dull, local drizzle.                       | "           | Smooth. |
| 8. N.W. England           | SE-S 5-10               | "            | Dull.                                      | "           | "       |
| 9. N. Midlands            | SE-SW 5-10              | "            | Dull, local mist.                          | "           | -       |
| 10. N.E. England          | SE-SW 5-15              | Warm.        | Fair to dull, misty, local rain.           | "           | Slight  |
| 11. E. Scotland           | SE-SW 0-10              | Warm.        | Fair to overcast, local mist.              | Fair        | Mod.    |
| 12. S.W. Scotland         | SE-SW 10                | R. Warm.     | Overcast, local mist.                      | "           | Smooth  |
| 13. Isle of Man           | SE-SW 5                 | Mod.         | Fair.                                      | -           | "       |
| 14. N. & N.W. Scotland    | SE-SW 10-20             | R. Warm.     | Fair to dull, local mist & squalls.        | Indif.      | Slight  |
| 15. Hebrides              | S. 15-25                | R. Warm.     | Fair to dull.                              | Fair        | Mod.    |
| 16. Orkneys and Shetlands | E-S. 5-10               | R. Cool      | Fair.                                      | "           | Slight  |
| 17. N.W. Ireland          | S-SW 2-5                | Mod.         | Fair, local mist.                          | "           | Smooth  |
| 18. N.E. Ireland          | S. 2-10                 | "            | Cloudy or dull.                            | Indif.      | Mod.    |
| 19. S.E. Ireland          | SSE-S. 15-20            | "            | Dull, local rain.                          | "           | "       |

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

Another depression is causing a fall of the barometer in the West at Valencia the fall is very brisk. Unsettled weather with South to South-West winds, is therefore likely to continue over the Kingdom finally, but more rain is probable in the West and North-West than in the East and South-East. Unsettled conditions may be expected beyond the period of the forecast.

**EXPLANATION.**  
 BAROMETER.—figures are intervals of two millibars.  
 WIND.—Direction is shown by flying with the wind. Force in 0-12 is indicated by the number of feathers. Mean velocity in miles per hour by figures in parentheses.  
 TEMPERATURE.—is given in degrees.  
 WEATHER SYMBOLS.—  
 ☉ clear sky. ☁ sky & clouded. ☁☁ overcast sky. ☁☁☁ rain. \* snow. & hail. ⚡ thunder. T thunder. W squalls.  
 SEA DISTURBANCE.—  
 Rough. High.



| Districts.                | Forecasts for the 24 hours commencing 15h G.M.T. Monday, 19th April, 1920.                                                                                        |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. S.E. England           | Wind South and South-West, light or moderate, mainly cloudy, dull at times, some drizzle or showers, Visibility fair to good. No important change in temperature. |
| 2. E. England             |                                                                                                                                                                   |
| 3. E. Midlands            |                                                                                                                                                                   |
| 4. W. Midlands            |                                                                                                                                                                   |
| 5. S.W. England           | Wind South or South-West, stronger in places. Much low cloud, some rain, improving later. Visibility indifferent to fair. Little change of temperature.           |
| 6. South Wales            |                                                                                                                                                                   |
| 7. North Wales            |                                                                                                                                                                   |
| 8. N.W. England           |                                                                                                                                                                   |
| 9. N. Midlands            | Wind Southerly, light or moderate, stronger in places. Cloudy some showers. Visibility indifferent to fair. Moderate temperature.                                 |
| 10. N.E. England          |                                                                                                                                                                   |
| 11. E. Scotland           |                                                                                                                                                                   |
| 12. S.W. Scotland         |                                                                                                                                                                   |
| 13. Isle of Man           | Wind Southerly, moderate or fresh to strong, mainly overcast, rain at times, Visibility indifferent. Moderate temperature.                                        |
| 14. N. & N.W. Scotland    |                                                                                                                                                                   |
| 15. Hebrides              |                                                                                                                                                                   |
| 16. Orkneys and Shetlands |                                                                                                                                                                   |
| 17. N.W. Ireland          | Wind South to South-West or West, fresh or strong, moderating later. Dull, rainy, then showery. Visibility indifferent to fair. Moderate temperature.             |
| 18. N.E. Ireland          |                                                                                                                                                                   |
| 19. S.E. Ireland          |                                                                                                                                                                   |
| 20. S.W. Ireland          |                                                                                                                                                                   |

Continuing unsettled.



# SYNOPTIC CHART FOR MORNING OF MONDAY, 19<sup>TH</sup> APRIL, 1920.

Scale - 1:10,000,000

Nautical Miles  
Statute Miles



ATION  
are  
shown  
Force  
by the  
is shown  
in small  
on in degree  
sky  
sky  
fog  
Mist  
High

Outlook  
ing  
ed.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PART 1 & 2)

| Code | Meaning     | 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                |
| 5    | Indifferent |                               | 12,000               |
| 6    | Fair        |                               | 20,000               |
| 7    | Good        |                               | 30,000               |
| 8    | Very Good   | Objects visible beyond 20,000 | 12 1/2               |
| 9    | Excellent   | Exceptional visibility        |                      |

NOTE: All times GMT. Add 1 hour for a/c Summer Time.



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 110...

Monday  
19th April

| WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 18th |                      |           |            |              |          |                 |              |           |                     |               |                    |           |            |              |          |                 |              |           |                     |
|------------------------------------------------------------------------|----------------------|-----------|------------|--------------|----------|-----------------|--------------|-----------|---------------------|---------------|--------------------|-----------|------------|--------------|----------|-----------------|--------------|-----------|---------------------|
| STATIONS.                                                              |                      | WEATHER.  |            | TEMPERATURE. |          | Rainfall.       |              | SUNSHINE. |                     | STATIONS.     |                    | WEATHER.  |            | TEMPERATURE. |          | Rainfall.       |              | SUNSHINE. |                     |
|                                                                        |                      | Forenoon. | Afternoon. | Max. °F.     | Min. °F. | Night. 17h-19h. | Day. 9h-17h. | to 17h.   | Sunrise to Sun-set. |               |                    | Forenoon. | Afternoon. | Max. °F.     | Min. °F. | Night. 17h-19h. | Day. 9h-17h. | to 17h.   | Sunrise to Sun-set. |
| Scotland.                                                              | Oban ...             | cc. bc    | bc         | 51           | 35       | -               | -            | 8.0       | 10.3                | England, N.W. | Douglas (I.O.M.)   |           |            |              |          |                 |              |           |                     |
|                                                                        | Banff ...            |           |            |              |          |                 |              |           |                     |               | Blackpool ...      |           |            |              |          |                 |              |           |                     |
|                                                                        | Montrose ...         |           |            |              |          |                 |              |           |                     |               | Southport ...      | c. bc     | c.         | 57           | 39       | -               | -            | 3.8       | 7.6                 |
|                                                                        | St. Andrews ...      |           |            |              |          |                 |              |           |                     |               |                    |           |            |              |          |                 |              |           |                     |
| England, N.E.                                                          | Harrogate ...        | b. bc     | bc. bc     | 56           | 45       | -               | -            | 6.8       | 8.3                 | Midlands.     | Buxton ...         |           |            |              |          |                 |              |           |                     |
|                                                                        | Scarborough ...      |           |            |              |          |                 |              |           |                     |               | Leamington Spa ... | c. b. or  |            | 54           | 44       | 5               | 2            | 1.9       | 4.3                 |
|                                                                        | Skegness ...         |           |            |              |          |                 |              |           |                     |               | Malvern            |           |            |              |          |                 |              |           |                     |
|                                                                        |                      |           |            |              |          |                 |              |           |                     |               | Ross-on-Wye ...    | 2. f. om  | o. sp      | 54           | 38       | -               | 0.1          | 0.2       | 0.9                 |
| England, E.                                                            | Lowestoft ...        | or        | or         | 57           | 46       | 4               | 2            | 0.0       | ?                   | Wales.        | Bath ...           | bc. bc    | c. bc      | 57           | 42       | 2               | 1            | 1.2       | 3.5                 |
|                                                                        | Felixstowe ...       | o. sp     | o. sp      | 51           | 47       | 4               | 3            | 0.0       | 2.1                 |               | Rhyl ...           | c. bc     | c. p       | 55           | 44       | 0.2             | 2            | 2.4       | 5.2                 |
|                                                                        | Southend-on-Sea ...  | more      | rd. o      | 50           | 46       | 4               | 2            | 0.0       | 0.8                 |               | Colwyn Bay ...     | *         | *          | 57           | 42       | -               | -            | 5.8       | 0.0                 |
|                                                                        |                      |           |            |              |          |                 |              |           |                     |               | Llandudno ...      | b. p. c.  |            | 58           | 42       | 0.3             | -            | 6.0       | 5.9                 |
| England, S.E.                                                          | Tunbridge Wells      | o         | o          | 52           | 46       | 2               | -            | 0.0       | 0.1                 | England, S.W. | Aberystwyth        |           |            |              |          |                 |              |           |                     |
|                                                                        | Margate ...          |           |            |              |          |                 |              |           |                     |               | Swansea ...        |           |            |              |          |                 |              |           |                     |
|                                                                        | Ramsgate ...         |           |            |              |          |                 |              |           |                     |               | Weymouth ...       |           |            |              |          |                 |              |           |                     |
|                                                                        | Folkestone ...       | re. o     | o          | 53           | 42       | 1               | -            | 0.0       | 0.0                 |               | Teignmouth         |           |            |              |          |                 |              |           |                     |
|                                                                        | Hastings ...         | o         | o          | 53           | 47       | 1               | -            | 0.0       | 0.0                 |               | Torquay ...        | o. p. b   | bc. b      | 56           | 48       | 2               | -            | 7.0       | 0.7                 |
|                                                                        | Eastbourne ...       | o         | o. c       | 53           | 47       | 1               | -            | 0.2       | 0.0                 |               | Paignton ...       | bc        | bc. o      | 58           | 44       | 2               | -            | 7.2       | ?                   |
|                                                                        | Brighton ...         | o.        | c. c. o    | 54           | 48       | 1               | -            | 0.6       | ?                   |               | Penzance ...       | bc        | bc. o      | 56           | 41       | 1               | -            | 7.5       | ?                   |
|                                                                        | Worthing ...         | ac        | c          | 55           | 48       | 1               | -            | 1.6       | 0.1                 |               | Newquay ...        | b         | bc. c      | 55           | 45       | -               | -            | 8.0       | ?                   |
|                                                                        | Littlehampton ...    | cm        | bc         | 56           | 47       | 3               | -            | 1.8       | 0.3                 |               | Bude ...           |           |            |              |          |                 |              |           |                     |
|                                                                        | Portsmouth (S. thea) | *         | *          | 55           | 48       | -               | -            | 1.6       | 0.0                 |               | Ilfracombe ...     |           |            |              |          |                 |              |           |                     |
|                                                                        | Bournemouth ...      | *         | *          | 56           | 47       | 6               | -            | 3.0       | 1.0                 |               | Weston-s-Mare ...  |           |            |              |          |                 |              |           |                     |
|                                                                        | Ventnor (I. of W.)   | *         | *          | 53           | 47       | 6               | -            | 2.8       | 0.8                 |               |                    |           |            |              |          |                 |              |           |                     |

| SUMMARIES FOR PAST 24 HOURS. |          |          |          |        |                 |                 |                    |              |                | BEAUFORT NOTATION.<br>b blue sky (not more than a quarter covered).<br>bc sky partly cloudy (one half covered).<br>c generally cloudy (three quarters covered).<br>d drizzle, or fine rain.<br>e wet air without rain falling.<br>f fog.                    g gloom.<br>h hail.                    i lightning.<br>m mist.                    o overcast sky<br>p passing showers.<br>q squalls.                r rain.<br>rs sleet, i.e., rain and snow together.<br>s snow.                    t thunder.<br>u ugly, threatening sky.<br>v unusual visibility.<br>w dew.                    x hoar frost.<br>y dry air; humidity less than 60 per cent.<br>z dust haze; the turbid atmosphere of dry weather. |  | THE BEAUFORT SCALE OF WIND FORCE.<br>Used only for surface observations. |  |             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| STATIONS.                    | WEATHER. |          |          |        | Max. Temp. ° F. | Min. Temp. ° F. | Min. on Grass ° F. | RAINFALL.    |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                          |  | Sun. Hours. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              | 7h-13h.  | 13h-19h. | 19h-24h. | 1h-7h. |                 |                 |                    | Day. 7h-13h. | Night. 13h-7h. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                          |  |             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |          |          |          |        |                 |                 |                    |              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                          |  |             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |





## AIR MINISTRY.

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

BRITISH SECTION.

No. B21334

Tuesday 20<sup>th</sup> APRIL 1920.

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

| 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. mb. | in 3 hours. | Direct. | Force 0-12. |         | °F.   | 0-9.        | Feet.      | Form.                | Amt. 0-10. | Form.        | Amt. 0-10. | 0-9.   | at M.S.L. mb. | in 3 hours. | Direct. |         | Force 0-12. | °F.         | 0-9.       | Feet.                | Form.      | Amt. 0-10.   | Form. | Amt. 0-10.                      | 0-9. |   |  |  |  |  |  |  |  |
| 13H. G.M.T. 19 <sup>th</sup>   |               |             |         |             |         |       |             |            |                      |            |              |            |        |               |             |         |         |             |             |            |                      |            |              |       | 18H. G.M.T. OF 19 <sup>th</sup> |      |   |  |  |  |  |  |  |  |
| Eskdalemuir ...                | 1003.5        | -4          | SSE     | 4           | orm     | 49    | 85          | 4          | 1250                 | Nb         | 10           | -          | 999.2  | -6            | SSE         | 3       | or      | 48          | 85          | 7          | 4200                 | Nb         | 3            | A-st  | 7                               | -    |   |  |  |  |  |  |  |  |
| Valencia (Cahire'n)            | 991.8         | -5          | SW      | 7           | or      | 47    | 85          | 5          | 1250                 | St         | 10           | -          | 996.1  | +3            | WSW         | 7       | bc      | 46          | 75          | 7          | 3000                 | St-cu      | 5            | A-cu  | 3                               | 6    |   |  |  |  |  |  |  |  |
| Baldonnell ...                 | 998.4         | -4          | S       | 4           | ory     | 46    | 97          | 5          | 1250                 | St         | 10           | -          | 994.5  | 0             | SSW         | 5       | bcry    | 48          | 75          | 5          | 3000                 | St-cu      | 5            | -     | -                               | -    |   |  |  |  |  |  |  |  |
| Didsbury ...                   | 1004.8        | -4          | SSE     | 5           | o       | 56    | 8           | +          | 2000                 | St-cu      | 8            | A-st       | 2      | 1001.6        | -0          | SW      | 5       | ory         | 47          | 8          | 5                    | 2000       | Nb           | 10    | -                               | -    | - |  |  |  |  |  |  |  |
| Falmouth ...                   | 1005.9        | -5          | SSW     | 5           | or      | 49    | 92          | 5          | -                    | Nb         | 10           | -          | 1006.1 | +3            | WSW         | 7       | bcqz    | 50          | 85          | 4          | -                    | Cu         | 4            | -     | -                               | -    |   |  |  |  |  |  |  |  |
| Calshot (Hants) ...            | 1011.5        | -3          | SSW     | 5           | o       | 50    | 85          | 8          | 1250                 | St-cu      | 9            | -          | 1007.4 | -5            | S           | 4       | or      | 50          | 92          | 6          | 4500                 | St         | 10           | -     | -                               | 3    |   |  |  |  |  |  |  |  |
| Lympe (Folkestone)             | 1011.5        | -3          | SSW     | 5           | o       | 50    | 85          | 8          | 1250                 | St-cu      | 9            | -          | 1008.8 | -4            | SSW         | 4       | or      | 50          | 92          | 8          | 750                  | Nb         | 9            | -     | -                               | -    |   |  |  |  |  |  |  |  |
| Aberdeen ...                   | 1006.4        | -2          | SSE     | 3           | cem     | 49    | 85          | 4          | -                    | St         | 8            | -          | 1003.3 | -4            | SE          | 4       | om      | 45          | 92          | 6          | -                    | St         | 10           | -     | -                               | 4    |   |  |  |  |  |  |  |  |
| Howden ...                     | 1007.1        | -4          | SSE     | 5           | og      | 53    | 85          | 5          | 2000                 | Nb         | 7            | A-st       | 3      | 1002.4        | -6          | SSE     | 5       | om          | 50          | 92         | 5                    | 2000       | St-cu        | 6     | A-st                            | 4    | - |  |  |  |  |  |  |  |
| Cranwell (Lines)               | 1008.8        | -4          | S       | 5           | o       | 54    | 85          | 6          | 2000                 | St         | 10           | -          | 1005.2 | -2            | SSW         | 5       | o       | 49          | 97          | 6          | 2000                 | St         | 8            | A-st  | 2                               | -    |   |  |  |  |  |  |  |  |
| Felixstowe ...                 | 1013.0        | -3          | SSW     | 4           | c       | 54    | 85          | 6          | -                    | -          | -            | -          | 1010.0 | -4            | SSW         | 5       | ory     | 50          | 97          | 5          | 1250                 | St-cu      | 10           | -     | -                               | -    |   |  |  |  |  |  |  |  |
| Shoeburyness ...               | 1012.5        | -2          | SSW     | 2           | bc      | 57    | 65          | 7          | 7200                 | St-cu      | 3            | A-st       | 3      | 1009.0        | -3          | SW      | 2       | c           | 51          | 85         | 7                    | 3000       | St-cu        | 4     | A-cu                            | 3    | - |  |  |  |  |  |  |  |
| Benson ...                     | 1008.0        | -4          | S       | 5           | od      | 51    | 97          | 4          | -                    | Nb         | 10           | -          | 1005.7 | -4            | S           | 4       | o       | 50          | 85          | 8          | -                    | Nb         | 10           | -     | -                               | -    |   |  |  |  |  |  |  |  |
| S. Farnborough                 | 1010.0        | -3          | S       | 5           | od      | 51    | 92          | 6          | 750                  | Nb         | 10           | -          | 1007.0 | -3            | S           | 4       | orm     | 50          | 85          | 5          | 750                  | Nb         | 10           | -     | -                               | -    |   |  |  |  |  |  |  |  |
| London (Kew Obs.)              | 1010.3        | -3          | S       | 4           | omd     | 53    | 85          | 4          | 3000                 | Nb         | 8            | A-st       | 2      | 1007.6        | -4          | S       | 3       | op          | 52          | 75         | 6                    | 3000       | St-cu        | 9     | A-st                            | 1    | - |  |  |  |  |  |  |  |
| Croydon ...                    | 1010.9        | -3          | SSW     | 4           | od      | 50    | 97          | 7          | 2000                 | St-cu      | 10           | -          | 1008.2 | -4            | SSW         | 3       | CZ      | 50          | 85          | 6          | 3000                 | St         | 6            | A-cu  | 2                               | -    |   |  |  |  |  |  |  |  |
| 1H. G.M.T. OF 20 <sup>th</sup> |               |             |         |             |         |       |             |            |                      |            |              |            |        |               |             |         |         |             |             |            |                      |            |              |       | 7H. G.M.T. OF 20 <sup>th</sup>  |      |   |  |  |  |  |  |  |  |
| Eskdalemuir ...                | 997.6         | 0           | S       | 4           | om      | 43    | 97          | 6          | -                    | St         | 9            | -          | 997.4  | 0             | SE          | 2       | b       | 42          | 85          | 7          | -                    | cu         | 2            | cu    | 1                               | 6    |   |  |  |  |  |  |  |  |
| Valencia (Cahire'n)            | 988.0         | -11         | WSW     | 8           | om      | 39    | -           | -          | -                    | -          | -            | -          | 1001.1 | +12           | WSW         | 7       | opg     | 46          | 75          | 6          | 2000                 | St-cu      | 10           | -     | -                               | -    |   |  |  |  |  |  |  |  |
| Baldonnell ...                 | 993.5         | -4          | SSW     | 6           | bcq     | 40    | 75          | 6          | -                    | -          | -            | A-st       | 4      | 988.1         | -2          | W       | 4       | od          | 41          | 92         | 6                    | 750        | St           | 10    | -                               | -    | - |  |  |  |  |  |  |  |
| Didsbury ...                   | *             | *           | *       | *           | *       | *     | *           | *          | *                    | *          | *            | *          | 998.3  | -2            | SE          | 3       | b       | 43          | -           | 3          | 4200                 | St-cu      | 1            | -     | -                               | -    |   |  |  |  |  |  |  |  |
| Falmouth ...                   | 1005.7        | -2          | SW      | 4           | b       | 42    | 97          | 6          | -                    | Cu-Nb      | 2            | -          | 1000.7 | -4            | WSW         | 4       | ory     | 44          | 85          | 5          | -                    | Nb         | 10           | -     | -                               | -    |   |  |  |  |  |  |  |  |
| Calshot (Hants) ...            | 1006.9        | -1          | SW      | 3           | b       | 47    | 85          | 8          | -                    | -          | -            | -          | 1004.0 | -2            | SW          | 3       | bc      | 46          | 75          | 8          | 1250                 | Cu         | 4            | -     | -                               | -    |   |  |  |  |  |  |  |  |
| Lympe (Folkestone)             | *             | *           | *       | *           | *       | *     | *           | *          | *                    | *          | *            | *          | 1003.6 | -4            | SSW         | 5       | or      | 48          | 92          | 4          | 1250                 | Nb         | 10           | -     | -                               | -    |   |  |  |  |  |  |  |  |
| Aberdeen ...                   | *             | *           | *       | *           | *       | *     | *           | *          | *                    | *          | *            | *          | 999.0  | +1            | SSW         | 1       | 2-f     | 45          | 92          | 5          | -                    | St         | 6            | -     | -                               | 4    |   |  |  |  |  |  |  |  |
| Howden ...                     | 1001.5        | 0           | S       | 2           | b3      | 43    | 92          | 6          | 2000                 | St         | 3            | -          | 999.6  | -3            | SE          | 4       | bc      | 43          | 92          | 4          | 3000                 | St         | 3            | A-st  | 3                               | -    |   |  |  |  |  |  |  |  |
| Cranwell (Lines)               | 1003.9        | 0           | SE      | 3           | b1      | 42    | 97          | 5          | 2000                 | St         | 2            | -          | 1001.5 | -2            | SSW         | 4       | 2-3-f   | 42          | 92          | 5          | 2000                 | Nb         | 8            | A-st  | 2                               | -    |   |  |  |  |  |  |  |  |
| Felixstowe ...                 | *             | *           | *       | *           | *       | *     | *           | *          | *                    | *          | *            | *          | 1005.0 | -2            | SSW         | 3       | o       | 48          | 85          | 6          | 5700                 | St-cu      | 6            | A-cu  | 3                               | 2    |   |  |  |  |  |  |  |  |
| Shoeburyness ...               | *             | *           | *       | *           | *       | *     | *           | *          | *                    | *          | *            | *          | 1004.4 | -3            | SW          | 1       | cr      | 41          | 85          | 7          | 2000                 | Cu-Nb      | 6            | A-cu  | 2                               | -    |   |  |  |  |  |  |  |  |
| Benson ...                     | *             | *           | *       | *           | *       | *     | *           | *          | *                    | *          | *            | *          | 1001.7 | -1            | SSW         | 3       | b       | 43          | 85          | 7          | -                    | Cu         | 2            | -     | -                               | -    |   |  |  |  |  |  |  |  |
| S. Farnborough                 | *             | *           | *       | *           | *       | *     | *           | *          | *                    | *          | *            | *          | 1003.1 | 0             | SSW         | 4       | bc      | 41          | 92          | 7          | -                    | Cu         | 2            | A-st  | 2                               | -    |   |  |  |  |  |  |  |  |
| London (Kew Obs.)              | 1008.1        | 0           | *       | *           | *       | *     | *           | *          | *                    | *          | *            | *          | 1003.4 | 0             | SSW         | 3       | cm      | 44          | 92          | 5          | 3000                 | St-cu      | 1            | A-st  | 4                               | -    |   |  |  |  |  |  |  |  |
| Croydon ...                    | 1007.2        | -2          | SSW     | 3           | b3      | 44    | 97          | 4          | -                    | -          | -            | -          | 1004.6 | 0             | SSW         | 3       | c3      | 40          | 97          | 6          | 4200                 | St-cu      | 3            | A-st  | 5                               | -    |   |  |  |  |  |  |  |  |

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

| STATIONS.                       | BAROM.<br>at<br>M.S.L.<br>mb. | TEMP.<br>°F. | WIND.  |                | Weather. | BAROMETER.                     |                          | TEMPERATURE. |                           | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud.     | Weather. | Sea<br>0-9. | Rainfall<br>mm. | TEMP.       |             | WEATHER.         |             |           | Sunshine<br>Hours. |
|---------------------------------|-------------------------------|--------------|--------|----------------|----------|--------------------------------|--------------------------|--------------|---------------------------|--------|----------------|-------------------------------------|----------|-------------|-----------------|-------------|-------------|------------------|-------------|-----------|--------------------|
|                                 |                               |              | Direc. | Force<br>0-12. |          | at<br>M.S.L.<br>mb.            | Change<br>in<br>3 hours. | Temp.<br>°F. | Change<br>in<br>24 hours. | Direc. | Force<br>0-12. |                                     |          |             |                 | Max.<br>°F. | Min.<br>°F. | Morning.         | Afternoon.  | Night.    |                    |
|                                 |                               |              |        |                |          |                                |                          |              |                           |        |                |                                     |          |             |                 |             |             |                  |             |           |                    |
| 12H. G.M.T. of 19 <sup>th</sup> |                               |              |        |                |          | 7H. G.M.T. of 20 <sup>th</sup> |                          |              |                           |        |                | 24 HOURS ENDED 7H. 20 <sup>th</sup> |          |             |                 |             |             | 19 <sup>th</sup> |             |           |                    |
| Lerwick                         | 1008.5                        | 44           | SSE    | 5              | omd      | 1005.9                         | -3                       | 45           | +2                        | SE     | 5              | SE                                  | cm       | 4           | trace           | 47          | 39          | om               | om          | cm        | *                  |
| Stornoway                       | 997.7                         | 46           | ESE    | 3              | r.       | 996.5                          | -13                      | 46           |                           |        |                |                                     | o        | 1           | 1               | 53          | 43          |                  |             |           | 7.6                |
| Castlebay (Barra's)             |                               |              |        |                |          |                                |                          |              |                           |        |                |                                     |          |             |                 |             |             |                  |             |           |                    |
| Glasgow                         | 998.9                         | 48           | SSE    | 2              | om       | 997.4                          | +1                       | 42           | -3                        | SE     | 2              | S                                   | bc       | *           | 2               | 51          | 38          | oc. ody          | omp         | op. bmx   | 0.2                |
| Malin Head                      | 988.1                         | 47           | SSE    | 4              | c        | 982.7                          | +2                       | 42           | -1                        | E      | 3              | E                                   | c        | 2           | trace           | 52          | 37          | c                | cp          | c         | 4.2                |
| Blacksod Point                  | 984.5                         | 48           | S      | 4              | og       | 983.0                          | +8                       | 44           | 0                         | NNW    | 2              | -                                   | bc       | 2           | 4               | 52          | 39          | cqr              | bc          | cp. bc    | *                  |
| Roche's Point                   | 998.6                         | 48           | W      | 5              | bc       | 993.5                          | +8                       | 46           | -2                        | NNW    | 8              | -                                   | c        | 6           | 8               | 52          | 40          | rc               | cp. bc      | bc. o     | *                  |
| Birr Castle                     | 992.7                         | 46           | SW     | 4              | c        | 989.4                          | *                        | 40           | 0                         | N      | 4              | -                                   | o        | *           | 7               | 53          | 37          | oodr             | cp          | oro       | 3.0                |
| Donaghadee                      | 995.6                         | 46           | S      | 5              | omq/p    | 993.6                          | -2                       | 43           | +1                        | SE     | 5              | -                                   | cg       | 4           | 2               | 49          | 39          | cmq              | cmq         | bcq       | *                  |
| Liverpool (Bidston)             | 999.6                         | 48           | SSE    | 3              | o        | 995.8                          | -2                       | 42           | -4                        | SE     | 4              | SW                                  | b        | 3           | 1               | 53          | 38          | op. o            | pc. o       | o. bc. b  | 0.8                |
| Holyhead                        | 997.1                         | 49           | SSW    | 6              | bcm      | 989.0                          | -10                      | 42           | -5                        | SSE    | 7              | S                                   | cp. rsg  | 6           | 4               | 52          | 40          | cp               | bcm         | bcphg     | 1.1                |
| Pembroke (St. Ann's Head)       | 1001.4                        | 49           | SW     | 6              | bcq      | 990.2                          | -12                      | 44           | -3                        | NNW    | 8              | -                                   | og       | 7           | 3               | 50          | 43          | op               | ap. bcq     | cg. qd    | 2.0                |
| Scilly (St. Mary's)             | 1006.2                        | 50           | W      | 5              | b        | 1002.4                         | -2                       | 46           | -2                        | N      | 8              | -                                   | o        | 7           | 6               | 53          | 41          | om. bcp          | ap. bcq     | bc. c. op | 4.7                |
| Jersey (St. Aubin)              | 1009.9                        | 52           | S      | 3              | on       | 1007.6                         | 0                        | 48           | -2                        | N      | 6              | N                                   | b        | 5           | 5               | 57          | 45          | op. o. e         | c. bc. on   | op. b     | 1.5                |
| Portland Bill                   | 1004.7                        | 51           | SSW    | 6              | c        | 1001.9                         | -4                       | 48           | -1                        | NNW    | 7              | -                                   | bcq      | 8           | 3               | 53          | 44          | op               | op. c       | bcq       | *                  |
| Dungeness                       | 1009.2                        | 51           | SW     | 4              | c        | 1003.8                         | -3                       | 44           | -5                        | SW     | 12             | SW                                  | r        | 4           | 3               | 54          | 42          | bc. e            | c. on       | cc. bc. r | *                  |
| Wick                            | 1002.1                        | 45           | SSE    | 6              | o        | 998.4                          | -7                       | 44           | 0                         | SE     | 5              | -                                   | om. qd   | 5           | 1               | 47          | 42          | bm. cmq          | cm. cmq     | omq       | *                  |
| Nairn                           | 999.2                         | 50           | ESE    | 3              | CZ       | 997.2                          | *                        | 48           | -2                        | -      | 0              | -                                   | bc       | 0           | -               | 58          | 43          | bc. e            | cy          | cg. bc    | 5.6                |
| Leith                           | 999.1                         | 53           | SE     | 1              | o        | 997.5                          | +1                       | 43           | -6                        | S      | 1              | -                                   | cm       | 1           | 1               | 59          | 41          | c. bc. o. o      | op. c. r. o | op. om. c | *                  |
| Tynemouth                       | 1001.1                        | 46           | SSE    | 4              | om       | 998.8                          | 0                        | 43           | -3                        | NNW    | 2              | -                                   | bm       | 2           | 2               | 49          | 39          | bcmp             | omp         | omp. bc   | *                  |
| Spurn Head                      | 1003.9                        | 50           | SSE    | 5              | cg       | 1000.8                         | -2                       | 44           | -1                        | SW     | 3              | -                                   | b        | 3           | 1               | 52          | 40          | cm               | cg          | bc        | *                  |
| Yarmouth (Gorleston)            | 1009.3                        | 52           | SW     | 6              | o        | 1004.2                         | -1                       | 45           | +1                        | SW     | 3              | -                                   | bcm      | 2           | 3               | 54          | 42          | bc. bcq          | bc. om      | cg. bc    | 4.3                |
| Clacton-on-Sea                  | 1009.0                        | 51           | SSE    | 5              | r        | 1003.8                         | -2                       | 48           | +1                        | ?NE    | 3              | -                                   | c        | 2           | 1               | 55          | 45          | c. bc. c         | c. dgd      | og. bc    | 4.6                |
| Nottingham                      | 1003.6                        | 51           | S      | 4              | o        | 1000.3                         | *                        | 42           | -4                        | S      | 2              | S                                   | o        | *           | 7               | 56          | 41          | o. c             | op. c       | or. c     | 0.6                |

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ For code see page 3.



**EXPLANATION**

**BAROMETER.**—altitudes are given in intervals of five millibars.

**WIND.**—Direction is shown by a ring with the wind force in knots. Force is indicated by the number of feathers. Mean velocity is shown in per hour by figures in small circles.

**TEMPERATURE** is given in degrees.

**WEATHER SYMBOLS.**

|            |                  |   |                        |
|------------|------------------|---|------------------------|
| ☉          | clear sky.       | ☉ | sky with light clouds. |
| ☉          | sky 1/2 clouded. | ☉ | rain.                  |
| ☉          | overcast sky.    | ☉ | fog.                   |
| * snow.    | Δ hail.          | ☉ | thunder.               |
| T thunder. | ☉                | ☉ | haze.                  |

**SEA DISTURBANCE.**—

|   |        |   |           |
|---|--------|---|-----------|
| — | rough. | — | high sea. |
|---|--------|---|-----------|

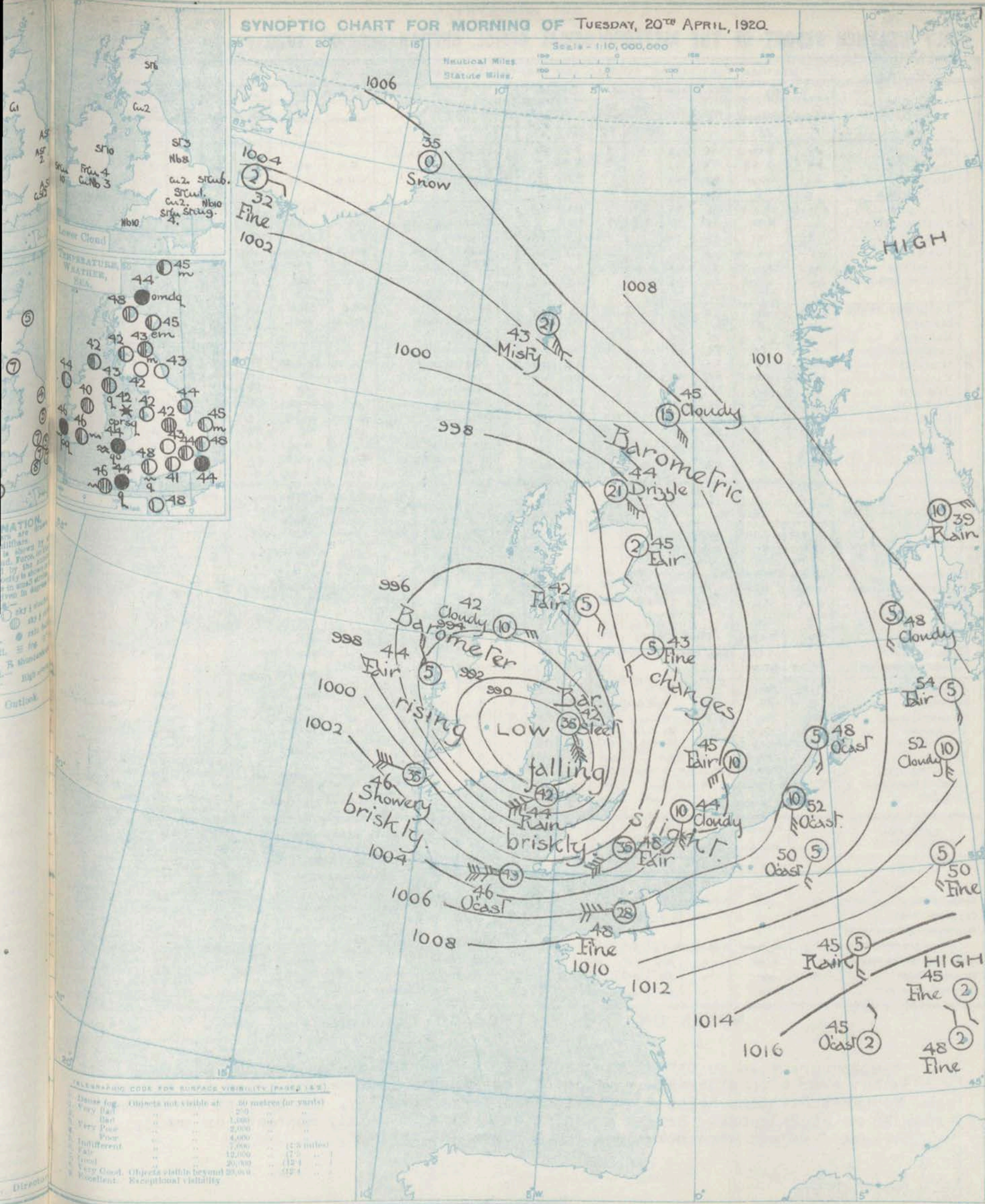
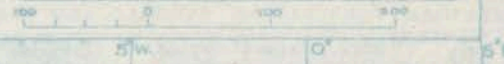
A deep depression centred over the Irish Sea is apparently moving Eastward. Strong winds or Gales are probable generally, with much cloud and rain, alternating with some fairer intervals.



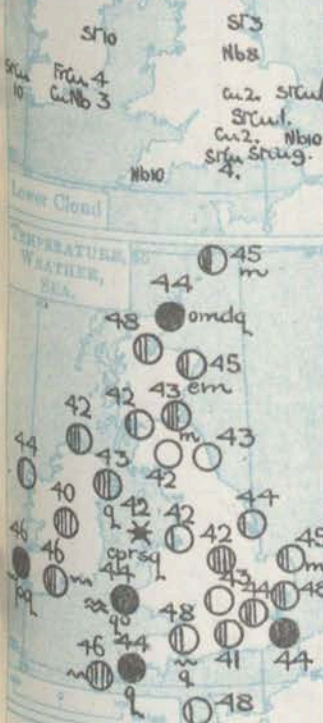
# SYNOPTIC CHART FOR MORNING OF TUESDAY, 20<sup>TH</sup> APRIL, 1920.

Neutical Miles  
Statute Miles

Scale - 1:10,000,000



Lower Cloud  
TEMPERATURE  
WIND  
SEA  
Direction



TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 1 & 2)

| Visual range | Objects not visible at        | 50 metres (or yards) |
|--------------|-------------------------------|----------------------|
| Very Poor    | 200                           | "                    |
| Poor         | 1,000                         | "                    |
| Very Poor    | 2,000                         | "                    |
| Poor         | 4,000                         | "                    |
| Insufficient | 7,000                         | (2.5 miles)          |
| Fair         | 10,000                        | (7.5 "               |
| Good         | 20,000                        | (12.5 "              |
| Very Good    | Objects visible beyond 20,000 | "                    |
| Excellent    | Exceptional visibility        | "                    |



WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 19<sup>th</sup>

| STATIONS.          | WEATHER.  |            | TEMPERATURE. |         | RAINFALL.       |              | SUNSHINE. |                    | STATIONS.         | WEATHER.  |            | TEMPERATURE. |         | RAINFALL.       |              | SUNSHINE. |                    |
|--------------------|-----------|------------|--------------|---------|-----------------|--------------|-----------|--------------------|-------------------|-----------|------------|--------------|---------|-----------------|--------------|-----------|--------------------|
|                    | Forenoon. | Afternoon. | Max. F.      | Min. F. | Night. 17h-19h. | Day. 9h-17h. | to 17h.   | Sunrise to Sunset. |                   | Forenoon. | Afternoon. | Max. F.      | Min. F. | Night. 17h-19h. | Day. 9h-17h. | to 17h.   | Sunrise to Sunset. |
| Scotland.          |           |            |              |         |                 |              |           |                    | England, N.W.     |           |            |              |         |                 |              |           |                    |
| Oban ...           | a.c.      | b.c.p.o    | 55           | 43      | 5               | 1            | 3.9       | 8.3                | Douglas (I.O.M.)  |           |            |              |         |                 |              |           |                    |
| Banff ...          | b.c.      | c.o.g      | 56           | 41      | -               | -            | 5.4       | ?                  | Blackpool ...     | a.        | or         | 55           | 42      | 2               | 1            | 0.8       | ?                  |
| Montrose ...       | b.c.      | or         | 49           | 42      | 1               | -            | 4.3       | ?                  | Southport ...     | c.o.c     | c.or       | 51           | 44      | 1               | 2            | 2.0       | 3.8                |
| St. Andrews ...    | c         | c          | 56           | 43      | -               | -            | 5.6       | ?                  |                   |           |            |              |         |                 |              |           |                    |
| England, N.E.      |           |            |              |         |                 |              |           |                    | Midlands.         |           |            |              |         |                 |              |           |                    |
| Harrogate ...      | or.c.b.c  | op.c.o     | 54           | 43      | 2               | 3            | 1.1       | 6.8                | Buxton ...        | b.c.b.c   | b.c.b.c    | 52           | 42      | 3               | 0.1          | 0.9       | ?                  |
| Scarborough ...    | b.c.      | hrh        | 56           | 43      | 0.3             | 5            | 1.2       | ?                  | Leamington Spa... | or        | or         | 55           | 43      | -               | 5            | 0.0       | 1.9                |
| Skegness ...       | odp       | op         | 56           | 44      | 1               | -            | 1.6       | ?                  | Malvern ...       | c         | c          | 54           | 44      | 1               | 0.4          | 0.2       | ?                  |
| England, E.        |           |            |              |         |                 |              |           |                    | Ross-on-Wye ...   | p.d.o     | p.c.p.d.o  | 57           | 46      | Trace           | 1            | 0.8       | 0.2                |
| Lowestoft ...      | b.c.      | b.c.c.o    | 55           | 42      | 0.2             | -            | 4.2       | 0.0                | Bath ...          | ro        | c.or       | 57           | 45      | 1               | 2            | 0.3       | 1.2                |
| Felixstowe ...     | cm        | ogmr       | 54           | 43      | 0.2             | 0.3          | 4.5       | 0.0                |                   |           |            |              |         |                 |              |           |                    |
| Southend-on-Sea... | b.c.      | c.or       | 60           | 42      | -               | 1            | 3.2       | 0.0                | Wales.            |           |            |              |         |                 |              |           |                    |
|                    |           |            |              |         |                 |              |           |                    | Rhyl ...          | b.c.      | cp         | 54           | 44      | 1               | 1            | 1.3       | 4.7                |
| England, S.E.      |           |            |              |         |                 |              |           |                    | Colwyn Bay ...    | *         | *          | 54           | 47      | 2               | 2            | 1.6       | 5.8                |
| Tunbridge Wells    | a.c.o     | or         | 55           | 37      | -               | 2            | 1.9       | 0.0                | Llandudno ...     | od.e      | p.o        | 54           | 45      | 1               | 1            | 1.3       | 6.0                |
| Margate ...        | b         | c          | 61           | 41      | -               | -            | 5.1       | ?                  | Aberystwyth ...   | ro.e      | cr.u       | 53           | 48      | 4               | 1            | 0.3       | ?                  |
| Ramsgate ...       | *         | *          | 55           | 39      | -               | -            | 5.2       | ?                  | Swansea ...       |           |            |              |         |                 |              |           |                    |
| Folkestone ...     | c         | or         | 53           | 41      | 1               | 2            | 0.0       | 0.0                | England, S.W.     |           |            |              |         |                 |              |           |                    |
| Hastings ...       | b.c.o     | or         | 54           | 41      | -               | 2            | 3.2       | 0.0                | Weymouth ...      | or.c.b.c  | b.c.or     | 56           | 48      | 2               | 6            | 1.3       | ?                  |
| Eastbourne ...     | b.c.o     | or.o       | 54           | 42      | 0.1             | 1            | 3.0       | 0.2                | Teignmouth ...    | c.or      | b.c.c      | 55           | 49      | 4               | 3            | 1.4       | ?                  |
| Brighton ...       | a         | op.c       | 51           | 47      | -               | 1            | 1.1       | 0.6                | Torquay ...       | c.or      | cp         | 56           | 51      | 3               | 3            | 0.8       | 7.0                |
| Worthing ...       | c         | ro         | 52           | 41      | -               | 1            | 0.4       | 1.7                | Paignton ...      | o.c.p     | cp         | 55           | 49      | 2               | 5            | 3.0       | ?                  |
| Littlehampton ...  | omp       | b.c.p.o    | 53           | 46      | -               | 0.2          | 0.5       | 1.8                | Penzance ...      | opr       | op.b.c     | 55           | 49      | 2               | 4            | 1.8       | 7.7                |
| Portsmouth (S'bea) | *         | *          | 54           | 45      | -               | 0.4          | 0.6       | 2.6                | Newquay ...       | op.or     | op.b.c     | 54           | 47      | 2               | 4            | 1.5       | 8.3                |
| Bournemouth ...    | *         | *          | 52           | 48      | 1               | 1            | 0.0       | 3.0                | Bude ...          | cp        | cp         | 53           | 47      | 1               | 4            | 1.5       | ?                  |
| Ventnor (I. of W.) | *         | *          | 52           | 48      | -               | 1            | 0.5       | 4.0                | Ilfracombe ...    | cp        | o.c.p      | 54           | 49      | *               | 5            | 0.3       | ?                  |
|                    |           |            |              |         |                 |              |           |                    | Weston-s-Mare ... | c.b.c     | c.o.m.b.c  | 56           | 46      | 1               | -            | 0.5       | ?                  |
|                    |           |            |              |         |                 |              |           |                    | Tenby             | cr        | p.b.c      | 51           | 47      | 10              | 3            | 0.6       | ?                  |

## SUMMARIES FOR PAST 24 HOURS.

| STATIONS.                  | WEATHER.  |           | TEMPERATURE. |           | RAINFALL.     |               | SUNSHINE.        |             |
|----------------------------|-----------|-----------|--------------|-----------|---------------|---------------|------------------|-------------|
|                            | 7h-13h/9  | 13h-18h/5 | 18h-24h/0    | 1h-7h/20  | Max. Temp. F. | Min. Temp. F. | Min. on Grass F. | Sun. Hours. |
| Eskdalemuir ...            | a.c.o.c.o | or.m.poor | or.m.poor    | or.m.poor | 50            | 32            | 28               | 0.9         |
| Valencia (Cahirelveen) ... | or.c.p    | op.c      | op.c         | op.c      | 53            | 40            | 38               | 3.4         |
| Baldonnel ...              | c.o.g     | q.p.      | q.p.         | q.p.      | 55            | *             | *                | *           |
| Didsbury ...               | a         | or        | b.b.c        | b.b.c     | 54            | 40            | 37               | 2.8         |
| Falmouth ...               | op        | a.c.b.c   | b.c.p        | b.c.p     | 51            | 41            | 39               | 2           |
| Calshot (Hants) ...        | c.o.g     | c.o.g     | b.c.b.c      | b.c.b.c   | 51            | 41            | 39               | 2           |
| Lympe (Folkestone) ...     | b.c.c.o   | op.or     | or           | or        | 55            | 42            | 37               | 2           |
| Aberdeen ...               | af.c      | cf.of     | af.c         | af.c      | 50            | 44            | 43               | 3.8         |
| Howden ...                 | p         | p         | p            | p         | 56            | 38            | *                | *           |
| Cranwell (Lincs) ...       | aq        | aq        | p.b.c        | p.b.c     | 55            | 38            | *                | 0.8         |
| Felixstowe ...             | b.c.c     | r.r.g     | b.c.b.c      | b.c.b.c   | 56            | 45            | *                | *           |
| Shoeburyness ...           | b.c       | b.c.p.c   | a.c.c        | a.c.c     | 59            | 41            | 36               | 3.3         |
| Benson ...                 | adn       | b.c.o     | a.b.c        | a.b.c     | 54            | 38            | 31               | 5           |
| S. Farnborough ...         | cod       | nom.or    | or.b.c       | or.b.c    | 56            | 39            | 31               | 1.2         |
| London (Kew Obs.) ...      | om.c.o    | om.c.o    | c.o.p        | c.o.p     | 56            | 40            | 30               | 1.4         |
| Croydon ...                | od        | od        | b.c          | b.c       | 54            | 39            | *                | *           |

## BEAUFORT NOTATION.

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

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

## THE BEAUFORT SCALE OF WIND FORCE.

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 0.8      |
| 1   | 1-8                                               | 0.8-1.5            |
| 2   | 4-7                                               | 1.5-3.8            |
| 3   | 8-13                                              | 5.4-5.4            |
| 4   | 13-18                                             | 5.5-7.9            |
| 5   | 19-24                                             | 8.0-10.7           |
| 6   | 25-31                                             | 10.8-13.8          |
| 7   | 32-38                                             | 13.9-17.1          |
| 8   | 39-46                                             | 17.2-20.7          |
| 9   | 47-54                                             | 20.8-24.4          |
| 10  | 55-63                                             | 24.5-28.4          |
| 11  | 64-75                                             | 28.5-33.5          |
| 12  | Above 76                                          | 33.6 or above      |

## SYMBOLS-

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

## LONDON OBSERVATIONS.

| LONDON.<br>OBSERVATIONS.       | WEATHER.                                                    |            |        | Max.<br>Temp.<br>° F. | Min.<br>Temp.<br>° F. | Mtn. on<br>Grass<br>° F. | Rain-<br>fall.<br><br>mm. | Sun-<br>shine to<br>Sunset.<br>Hours. | HUMIDITY %      |                |
|--------------------------------|-------------------------------------------------------------|------------|--------|-----------------------|-----------------------|--------------------------|---------------------------|---------------------------------------|-----------------|----------------|
|                                | Morning.                                                    | Afternoon. | Night. |                       |                       |                          |                           |                                       | 15 h.<br>G.M.T. | 9 h.<br>G.M.T. |
|                                | 24 HOURS ENDED 20 <sup>th</sup> G.M.T. ... 20 <sup>th</sup> |            |        |                       |                       |                          |                           | YESTERDAY.                            | TO-DAY.         |                |
| Greenwich (Royal Observatory)  | o                                                           | o.c        | c.b.c  | 59                    | 39                    | 34                       | 5                         | 1.5                                   | 90              | 67             |
| City (Bunhill Row) ...         | *                                                           | *          | *      | *                     | *                     | *                        | *                         | 1.1                                   | *               | *              |
| Westminster (St. James's Park) | *                                                           | *          | *      | *                     | *                     | *                        | *                         | 1.6                                   | *               | *              |
| .. (Admiralty Arch)            | c3.0g                                                       | og.p.or    | c.b.c  | 57                    | 42                    | *                        | 4                         | 1.2                                   | 86              | 67             |
| Camden Sq. (British Rainfall)  | o                                                           | a.or       | *      | 57                    | 41                    | 36                       | 6                         | *                                     | 93              | 64             |
| Kensington Palace ...          | a.or                                                        | or         | *      | 56                    | 40                    | 32                       | 6                         | *                                     | -(18h)          | 43             |
| Hampstead Observatory ...      | *                                                           | *          | *      | 54                    | 40                    | 34                       | 6                         | 0.9                                   | *               | 68             |

## SOUTH KENSINGTON (Meteorological Office).

| Vertical Component of Solar Radiation per Square Centimetre during yesterday. | HUMIDITY %   |             |
|-------------------------------------------------------------------------------|--------------|-------------|
|                                                                               | 16 h. G.M.T. | 9 h. G.M.T. |
| Total ...                                                                     | 800          | 800         |
| Average Rate.                                                                 | 15.9         | 15.9        |
| Maximum Rate.                                                                 | 53           | 53          |

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

| 20 <sup>th</sup> & 21 <sup>st</sup> April 1920. |          |        |         |
|-------------------------------------------------|----------|--------|---------|
| Stations.                                       | Sunrise. | Noon.  | Sunset. |
|                                                 | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth...                                     | 4.47     | 11.52  | 6.56    |
| Greenwich                                       | 4.45     | 11.52  | 6.54    |
| Wick                                            | 4.57     | 11.59  | 7.1     |
| Valencia ...                                    | 5.37     | 12.40  | 7.42    |

## NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose to 61° at Margate, 60° at Southend-on-Sea and to 59° at Leith, but over a considerable portion of the Kingdom it remained below 55° and at some Northern Stations below 50°. Rain fell very generally, the largest measurement being 18 mm at Valencia. Bright sunshine records were mainly moderate or small, the highest values were between 5 and 6 hours in Scotland.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B.21335

Wednesday... 21st... April..... 1920.

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

| STATIONS                       | 13H. G.M.T. 20 <sup>th</sup> |                   |              |            |           |          |            |                |                            |                  |            |                    |            |          | 18H. G.M.T. OF 20 <sup>th</sup> |                   |              |            |         |          |            |                |                            |                  |            |                    |            |          |
|--------------------------------|------------------------------|-------------------|--------------|------------|-----------|----------|------------|----------------|----------------------------|------------------|------------|--------------------|------------|----------|---------------------------------|-------------------|--------------|------------|---------|----------|------------|----------------|----------------------------|------------------|------------|--------------------|------------|----------|
|                                | BAROM. at M.S.L.             | Change in 2 hours | WIND. Direc. | Force 0-12 | Weather   | TEMP. °F | Humidity % | Visibility 5-9 | Height of Low Cloud. Feet. | Low Cloud. Form. | Amt. 0-10. | Upper Cloud. Form. | Amt. 0-10. | Sea 0-9. | BAROM. at M.S.L.                | Change in 2 hours | WIND. Direc. | Force 0-12 | Weather | TEMP. °F | Humidity % | Visibility 5-9 | Height of Low Cloud. Feet. | Low Cloud. Form. | Amt. 0-10. | Upper Cloud. Form. | Amt. 0-10. | Sea 0-9. |
|                                | mb.                          |                   |              |            |           |          |            |                |                            |                  |            |                    |            |          | mb.                             |                   |              |            |         |          |            |                |                            |                  |            |                    |            |          |
| Eskdalemuir ...                | 997.0                        | 0                 | ENE          | 5          | CZ        | 48       | 65         | 4              | 3000                       | Cu               | 8          | -                  | -          | -        | 1000.2                          | +4                | NNE          | 4          | bcz     | 44       | 75         | 7              | 3000                       | Cu               | 4          | -                  | -          | -        |
| Valencia (Cahire'n)            | 1011.1                       | +10               | NW           | 6          | C         | 48       | 65         | 8              | 3000                       | Cu               | 8          | -                  | -          | 6        | 1015.5                          | +4                | WNW          | 5          | bc      | 47       | 75         | 8              | 3000                       | Cu               | 5          | -                  | -          | 5        |
| Baldonnell ...                 | 997.9                        | +15               | NNW          | 4          | or. q.    | 42       | 92         | 5              | 750                        | Sc               | 10         | -                  | -          | -        | 1005.3                          | +6                | W            | 4          | oq      | 45       | 92         | 7              | 1250                       | Sc               | 9          | -                  | -          | -        |
| Didsbury ...                   | 993.4                        | -4                | SSW          | 6          | or. q.    | 42       | 8          | 5              | 2000                       | Nb               | 10         | -                  | -          | -        | 995.0                           | +4                | -            | 0          | aem     | 46       | 8          | 2              | 2000                       | Sc               | 4          | AGu                | 5          | -        |
| Falmouth ...                   | 1004.9                       | +5                | W            | 8          | oq        | 50       | 75         | 6              | -                          | Nb               | 10         | -                  | -          | -        | 1010.3                          | +6                | NNW          | 9          | bcqz    | 47       | 75         | 4              | -                          | Cu               | 6          | -                  | -          | -        |
| Calshot (Hants) ...            | 1000.0                       | -3                | SW           | 6          | or. q.    | 49       | 85         | 6              | 750                        | Nb               | 10         | -                  | -          | 5        | 1002.0                          | +3                | WSW          | 6          | bcq     | 48       | 85         | 8              | 2000                       | Scu              | 6          | -                  | -          | 4        |
| Lymington (Folkestone)         | 1002.3                       | -3                | SW           | 9          | or. q.    | 45       | 85         | 7              | 1250                       | Nb               | 9          | -                  | -          | -        | 1000.3                          | 0                 | SW           | 8          | omq     | 47       | 85         | 5              | 750                        | Nb               | 9          | -                  | -          | -        |
| Aberdeen ...                   | 1000.8                       | +2                | SE           | 3          | bz        | 53       | 65         | 7              | -                          | -                | -          | -                  | -          | 4        | 1002.5                          | +2                | ESE          | 1          | bz      | 46       | 85         | 7              | -                          | -                | -          | Cu                 | 1          | 4        |
| Howden ...                     | 995.5                        | -3                | SE           | 6          | oq        | 50       | 65         | 7              | 3000                       | Fcu              | 5          | ASc                | 4          | -        | 994.5                           | +1                | NE           | 3          | or. sf  | 45       | 97         | 5              | 750                        | Cu               | 10         | -                  | -          | -        |
| Cranwell (Lines)               | 996.4                        | ?                 | SSW          | 6          | or. q.    | 46       | 92         | 6              | 1250                       | Nb               | 10         | -                  | -          | -        | 994.9                           | 0                 | W            | 1          | 0       | 44       | 97         | 8              | 1250                       | Nb               | 9          | ASc                | 1          | -        |
| Felixstowe ...                 | 1002.7                       | -3                | SSW          | 5          | oq        | 52       | 75         | 6              | 4200                       | Cu               | 4          | ASc                | 4          | 5        | 1000.4                          | 0                 | SW           | 4          | oq      | 48       | 85         | 5              | 3000                       | Scu              | 9          | -                  | -          | 4        |
| Shoeburyness ...               | 1000.7                       | -6                | SSW          | 7          | oq        | 48       | 75         | 7              | 3000                       | Cu               | 7          | ASc                | 3          | -        | 999.1                           | -3                | SW           | 7          | cpq     | 46       | 75         | 8              | 3000                       | Cu               | 7          | AGu                | 1          | -        |
| Benson ...                     | 995.0                        | -4                | SW           | 5          | 0         | 48       | 85         | 6              | -                          | Cu               | 9          | -                  | -          | -        | 997.0                           | +1                | SW           | 5          | 0       | 45       | 85         | 6              | -                          | Nb               | 10         | -                  | -          | -        |
| S. Farnborough                 | 993.0                        | -5                | SW           | 6          | om        | 50       | 85         | 7              | 750                        | Nb               | 10         | -                  | -          | -        | 999.5                           | +1                | SW           | 7          | orm     | 46       | 75         | 6              | 750                        | Nb               | 10         | -                  | -          | -        |
| London (Kew Obs.)              | 998.4                        | -7                | SSW          | 4          | od        | 48       | 85         | 5              | 3000                       | Scu              | 8          | ASc                | 2          | -        | 998.8                           | +2                | SW           | 4          | ez      | 48       | 75         | 6              | 3000                       | Scu              | 7          | -                  | -          | -        |
| Croydon ...                    | 999.3                        | -6                | SSW          | 6          | or        | 45       | 97         | 5              | 1250                       | Nb               | 10         | -                  | -          | -        | 999.5                           | +2                | SW           | 6          | oqz     | 46       | 85         | 7              | 2000                       | Nb               | 9          | -                  | -          | -        |
| 1H. G.M.T. OF 21 <sup>st</sup> |                              |                   |              |            |           |          |            |                |                            |                  |            |                    |            |          |                                 |                   |              |            |         |          |            |                |                            |                  |            |                    |            |          |
| Eskdalemuir ...                | 1005.8                       | +3                | N            | 2          | b         | 36       | 85         | 6              | -                          | Cu               | 2          | -                  | -          | -        | 1008.4                          | +3                | NW           | 6          | odq     | 43       | 85         | 8              | 2000                       | Sc               | 7          | ASc                | 2          | -        |
| Valencia (Cahire'n)            | 1018.3                       | +3                | NN           | 6          | om. h. p. | 43       | *          | *              | *                          | *                | *          | *                  | *          | *        | 1022.2                          | +3                | NNW          | 4          | bc      | 46       | 75         | 8              | 2000                       | Cu               | 8          | -                  | -          | 5        |
| Baldonnell ...                 | 1012.4                       | +5                | W            | 3          | o. f.     | 40       | 92         | 4              | 1250                       | Sc               | 9          | -                  | -          | -        | 1018.4                          | +6                | N            | 4          | bcz     | 40       | 92         | 6              | 1250                       | Scu              | 3          | ASc                | 2          | -        |
| Didsbury ...                   | *                            | *                 | *            | *          | *         | *        | *          | *              | *                          | *                | *          | *                  | *          | *        | 1009.3                          | +6                | NN           | 4          | o. f.   | 42       | -          | 3              | 750                        | Nb               | 10         | -                  | -          | -        |
| Falmouth ...                   | 1015.9                       | +2                | NNW          | 7          | by        | 44       | 85         | 7              | -                          | Cu. Nb           | 2          | -                  | -          | -        | 1018.8                          | +5                | NNW          | 5          | bc      | 46       | 75         | 7              | -                          | Scu              | 3          | -                  | -          | -        |
| Calshot (Hants) ...            | 1009.8                       | +6                | W            | 5          | by        | 45       | 75         | 8              | -                          | -                | -          | -                  | -          | -        | 1013.5                          | +6                | W            | 5          | by      | 45       | 75         | 8              | 1250                       | Scu              | 1          | -                  | -          | 4        |
| Lymington (Folkestone)         | *                            | *                 | *            | *          | *         | *        | *          | *              | *                          | *                | *          | *                  | *          | *        | 1008.9                          | +8                | N            | 6          | orq     | 41       | 85         | 7              | 1250                       | Nb               | 5          | ASc                | 5          | -        |
| Aberdeen ...                   | *                            | *                 | *            | *          | *         | *        | *          | *              | *                          | *                | *          | *                  | *          | *        | 1008.1                          | +2                | NNW          | 2          | lfe     | 40       | 92         | 6              | -                          | -                | -          | ASc                | 9          | 3        |
| Howden ...                     | 1000.7                       | +2                | NN           | 5          | o. f.     | 44       | 97         | 4              | 1250                       | Nb               | 10         | -                  | -          | -        | 1008.7                          | +4                | NNW          | 4          | c       | 43       | 85         | 5              | 3000                       | Scu              | 8          | -                  | -          | 2        |
| Cranwell (Lines)               | 1000.8                       | +5                | N            | 5          | R. s. f.  | 42       | 97         | 5              | 750                        | Nb               | 10         | -                  | -          | -        | 1008.2                          | +7                | NNW          | 4          | bc      | 42       | 92         | 5              | 2000                       | Scu              | 3          | ASc                | 2          | -        |
| Felixstowe ...                 | *                            | *                 | *            | *          | *         | *        | *          | *              | *                          | *                | *          | *                  | *          | *        | 1008.1                          | +6                | N            | 5          | orq     | 44       | 92         | 5              | 1250                       | Scu              | 10         | -                  | -          | 4        |
| Shoeburyness ...               | *                            | *                 | *            | *          | *         | *        | *          | *              | *                          | *                | *          | *                  | *          | *        | 1009.3                          | +6                | NNW          | 5          | 0       | 44       | 75         | 7              | 3000                       | Scu              | 7          | ASc                | 3          | -        |
| Benson ...                     | *                            | *                 | *            | *          | *         | *        | *          | *              | *                          | *                | *          | *                  | *          | *        | 1010.8                          | +5                | N            | 4          | 0       | 42       | 85         | 7              | -                          | Scu              | 8          | -                  | -          | -        |
| S. Farnborough                 | *                            | *                 | *            | *          | *         | *        | *          | *              | *                          | *                | *          | *                  | *          | *        | 1011.7                          | +6                | W            | 3          | C       | 41       | 85         | 6              | 2000                       | Scu              | 2          | Cu                 | 5          | -        |
| London (Kew Obs.)              | 1004.5                       | +4                | *            | *          | *         | *        | *          | *              | *                          | *                | *          | *                  | *          | *        | 1011.1                          | +6                | N            | 4          | 0       | 44       | 75         | 8              | 1250                       | Scu              | 6          | ASc                | 4          | -        |
| Croydon ...                    | 1005.8                       | +4                | NSW          | 6          | bcq       | 43       | 85         | 4              | -                          | -                | -          | ASc                | 5          | -        | 1011.2                          | +6                | NNW          | 5          | 0       | 42       | 85         | 6              | 2000                       | Sc               | 5          | ASc                | 5          | -        |

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

| STATIONS.                 | BAROM.    | TEMP. |      | WIND.       |           | Weather. | BAROMETER.         |           | TEMPERATURE.        |      | WIND.       |          | Dir. of Upper Cloud. | Weather.                | Sea. | Rainfall. | TEMP.    |              | WEATHER.   |               |      | Sunshine Hours. |
|---------------------------|-----------|-------|------|-------------|-----------|----------|--------------------|-----------|---------------------|------|-------------|----------|----------------------|-------------------------|------|-----------|----------|--------------|------------|---------------|------|-----------------|
|                           | at M.S.L. | °F.   | Dir. | Force 0-12. | at M.S.L. |          | Change in 2 hours. | Temp. °F. | Change in 24 hours. | Dir. | Force 0-12. | Max. °F. |                      |                         |      |           | Min. °F. | Morning.     | Afternoon. | Night.        |      |                 |
|                           | mb.       |       |      |             | mb.       |          |                    |           |                     |      |             |          |                      |                         |      |           |          |              |            |               |      |                 |
| 18H. G.M.T. of 20th       |           |       |      |             |           |          | 7H. G.M.T. of 21st |           |                     |      |             |          |                      | 24 HOURS ENDED 7H. 21st |      |           |          |              |            |               | 20th |                 |
| Lerwick                   | 1007.0    | 42    | ESE  | 8           | omrq      | 1009.9   | +4                 | 41        | -4                  | SE   | 5           | -        | omd                  | 4                       | 3    | 45        | 38       | omrq         | omrq       | omd           | *    |                 |
| Stornoway                 | 1001.9    | 48    | -    | 0           | bc        | 1009.9   | +3                 | 44        |                     | ENE  | 4           | -        | c                    | 3                       | 1    | 53        | 42       | omrq         | omrq       | omd           | 6.4  |                 |
| Castlebay (Barra's)       |           |       |      |             |           |          |                    |           |                     |      |             |          |                      |                         |      |           |          |              |            |               |      |                 |
| Glasgow                   | 1001.9    | 46    | -    | 0           | c         | 1009.9   | +6                 | 42        | 0                   | N    | 3           | N        | 0                    | *                       | 1    | 51        | 39       | bcc          | opc        | codpm         | 4.1  |                 |
| Malin Head                | 1003.3    | 47    | WNW  | 3           | bc        | 1012.4   | +3                 | 43        | -4                  | NN   | 4           | NN       | bcq                  | 4                       | 2    | 50        | 39       | bc           | bc         | cqp           | 7.7  |                 |
| Blackod Point             | 1008.5    | 48    | NW   | 3           | bc        | 1012.1   | +4                 | 45        | H                   | NN   | 2           | -        | bc                   | 2                       | 7    | 49        | 41       | omdq         | emq        | bc            | *    |                 |
| Roche's Point             | 1010.5    | 47    | NNW  | 7           | bc        | 1020.5   | +5                 | 44        | -2                  | NNN  | 3           | -        | b                    | 2                       | 1    | 49        | 42       | cpo          | copbc      | bcq. b        | *    |                 |
| Birr Castle               | 1008.6    | 44    | NW   | 4           | 0         | 1015.3   | *                  | 40        | 0                   | NN   | 1           | -        | bc                   | *                       | 2    | 51        | 38       | ac           | cp. op     | c. bc         | 2.9  |                 |
| Donaghadee                | 1002.6    | 45    | N    | 4           | emq       | 1012.6   | +2                 | 42        | -1                  | NNN  | 4           | -        | bmq                  | 3                       | -    | 48        | 38       | cq           | cqm        | bmq           | *    |                 |
| Liverpool (Bidston)       | 999.6     | 46    | NW   | 5           | 0         | 1010.3   | +4                 | 42        | 0                   | NNN  | 7           | SW       | oq                   | 5                       | 11   | 47        | 41       | bc. ro       | ora        | ora           | 1.8  |                 |
| Holyhead                  | 1000.7    | 46    | NW   | 6           | cpq       | 1013.1   | +6                 | 44        | +2                  | NN   | 7           | NN       | cq                   | 6                       | 3    | 47        | 41       | opqo         | o. op. p.  | c. op. p.     | 0.6  |                 |
| Pembroke (St. Ann's Head) | 1005.2    | 47    | W    | 6           | cq        | 1016.9   | +5                 | 45        | H                   | NNN  | 5           | NN       | bcq                  | 6                       | 2    | 48        | 43       | opq. p.      | bcq        | bcq           | 4.4  |                 |
| Scilly (St. Mary's)       | 1012.6    | 49    | WNW  | 8           | bc        | 1019.7   | +2                 | 47        | H                   | NN   | 6           | NN       | c                    | 6                       | 0.2  | 51        | 46       | cp           | bc         | bc            | 6.1  |                 |
| Jersey (St. Aubin)        | 1010.3    | 50    | W    | 7           | oq. p.    | 1017.3   | +2                 | 47        | -1                  | NNN  | 5           | NN       | bc                   | 4                       | 1    | 53        | 44       | bq. po       | obcqp      | cp. p. bc     | 4.5  |                 |
| Portland Bill             | 1003.7    | 49    | W    | 8           | bcq. p.   | 1013.9   | +6                 | 49        | +1                  | NNN  | 7           | -        | bcq                  | 7                       | 2    | 52        | 41       | oq. bc       | bcq. p.    | bcq           | *    |                 |
| Dungeness                 | 1000.3    | 50    | SW   | 8           | cq        | 1009.8   | +5                 | 44        | 0                   | NN   | 4           | -        | r                    | 4                       | 2    | 52        | 42       | ropq         | q. p. c    | q. p. c. r    | *    |                 |
| Wick                      | 1001.9    | 44    | SSE  | 3           | om        | 1008.4   | +4                 | 42        | -2                  | N    | 1           | -        | f                    | 4                       | 1    | 46        | 39       | ob. dq. f    | fom        | om. bcf       |      |                 |
| Nairn                     | 1000.3    | 52    | E    | 2           | bz        | 1009.4   | *                  | 44        | -4                  | -    | 0           | -        | cq                   | 1                       | -    | 58        | 38       | t-           | bc. bz     | bcw           | 12.4 |                 |
| Leith                     | 1001.1    | 43    | NE   | 2           | r         | 1008.2   | +1                 | 42        | -1                  | SW   | 1           | NE       | c                    | 2                       | 1    | 50        | 39       | c. bc. r. p. | oq. or     | r. c. b. m. c | *    |                 |
| Lynemouth                 | 998.6     | 44    | SE   | 3           | bcm       | 1000.5   | +3                 | 42        | -1                  | NW   | 2           | -        | bcm                  | 4                       | 3    | 48        | 40       | bcm. p.      | bcm        | bcm. mp       | *    |                 |
| Spurn Head                | 994.4     | 47    | SE   | 4           | cp        | 1005.0   | +3                 | 44        | 0                   | NN   | 6           | -        | oq. p.               | 5                       | 6    | 51        | 42       | bcc          | cp         | oq. p.        | *    |                 |
| Yarmouth (Gorleston)      | 998.9     | 48    | SSW  | 6           | r         | 1004.0   | +7                 | 44        | -1                  | NW   | 4           | -        | omp                  | 3                       | 5    | 52        | 41       | bcq. v       | bcm. r     | bc. omp       | 6.8  |                 |
| Clacton-on-Sea            | 999.1     | 47    | SW   | 4           | c         | 1008.2   | +7                 | 43        | -5                  | N    | 4           | -        | oq                   | 3                       | 10   | 53        | 41       | ep. bc       | bccq. p    | c. oq. p.     | 2.9  |                 |
| Nottingham                | 994.6     | 47    | WNW  | 2           | cm        | 1008.8   | *                  | 45        | +3                  | NNN  | 3           | NN       | bcm                  | 4                       | 4    | 51        | 41       | cor          | opc        | c. op         | 3.4  |                 |



# SUMMARY OF CONDITIONS AT 7h. A.M.T. Wednesday April 21st 1920.

| Districts.                | Wind, Velocity in m.p.h. | Temperature. | Weather, Cloud and Precipitation.              | Visibility. | Sea.    |
|---------------------------|--------------------------|--------------|------------------------------------------------|-------------|---------|
| 1. S.E. England           | WSW-NW 15-25             | Normal       | Mainly cloudy or dull, local rain and squalls. | Good        | R Rough |
| 2. E. England             | W-NW 15-20               | "            | Cloudy or dull, local showers, mist & squalls. | Indiff      | Slight  |
| 3. E. Midlands            | W-WNW 10-15              | "            | Fair to dull, local mist.                      | Fair        | --      |
| 4. W. Midlands            | W-NW 15-20               | "            | Fair to dull.                                  | "           | --      |
| 5. S.W. England           | NW 20-35                 | "            | Fine to cloudy, squalls locally.               | Good        | Rough   |
| 6. South Wales            | WNW-NW 15-20             | "            | Fair or cloudy, local squalls.                 | "           | "       |
| 7. North Wales            | NW 30-35                 | "            | Fair to dull, squally.                         | Fair        | "       |
| 8. N.W. England           | NW 15-30                 | "            | Dull, local mist & Squalls                     | Var.        | R Rough |
| 9. N. Midlands            | NW 15                    | "            | Cloudy or dull.                                | Indiff      | --      |
| 10. N.E. England          | NW 10-25                 | "            | Fair to dull, local showers, mist and squalls  | Indiff      | Mod.    |
| 11. E. Scotland           | SW-NW 0-5                | "            | Cloudy or dull.                                | Fair        | Slight  |
| 12. S.W. Scotland         | W-NW 15-25               | R Cool.      | Dull, squally locally.                         | V Good      | Mod.    |
| 13. Isle of Man           | NW 25                    | Normal       | Fair, squally.                                 | Fair        | "       |
| 14. N. & N.W. Scotland    | Var 0-10                 | "            | Fair to dull, local fog.                       | Var.        | Slight  |
| 15. Hebrides              |                          |              |                                                |             |         |
| 16. Orkneys and Shetlands | Var 10-20                | Normal       | Dull, local mist & drizzle                     | Poor        | Mod     |
| 17. N.W. Ireland          | NW 5-10                  | "            | Fair, local showers                            | Good        | Slight  |
| 18. N.E. Ireland          | W-NW 15.                 | "            | Fine or fair, squally local showers & mist.    | Fair        | Mod     |
| 19. S.E. Ireland          | W-NW 10-15               | R Cool       | Fair.                                          | "           | Slight  |
| 20. S.W. Ireland          | NW 10-15                 | Normal       | Fine or fair.                                  | Good        | Mod.    |

## GENERAL INFERENCE from observations received 9h. GMT.

The depression dispersing over the Southern part of the North Sea will gradually cease to affect the winds and weather in this country, but it is probable that another disturbance will arrive from the Atlantic before the ensuing 24 hours have elapsed. No weather of a stable character is, therefore, to be expected at present.

**EXPLANATION**  
 BAROMETER.—Isobars are intervals of two millibars.  
 WIND.—Direction is shown by 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 intervals of two millibars.  
 WEATHER SYMBOLS.—  
 ☉ clear sky  
 ☁ sky 1 clouded  
 ☁☁ overcast sky  
 \* snow. & hail  
 T thunder  
 SEA DISTURBANCE.—  
 Rough

## Forecast for the 24 hours commencing 3 15h GMT. Wednesday April 21st 1920.

| Districts.                | Forecast for the 24 hours commencing 3 15h GMT. Wednesday April 21st 1920.                                                                                                                       |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. S.E. England           | Wind NW and W, backing later towards SW, moderate or light generally, stronger at first locally. Variable sky, local showers of rain or hail. Visibility fair to good. Temperature below normal. |
| 2. E. England             |                                                                                                                                                                                                  |
| 3. E. Midlands            |                                                                                                                                                                                                  |
| 4. W. Midlands            |                                                                                                                                                                                                  |
| 5. S.W. England           |                                                                                                                                                                                                  |
| 6. South Wales            |                                                                                                                                                                                                  |
| 7. North Wales            |                                                                                                                                                                                                  |
| 8. N.W. England           |                                                                                                                                                                                                  |
| 9. N. Midlands            |                                                                                                                                                                                                  |
| 10. N.E. England          |                                                                                                                                                                                                  |
| 11. E. Scotland           | Wind NW and W to SW and S, light or moderate, Fair then dull, some rain and mist. Visibility indifferent. No great change of temperature.                                                        |
| 12. S.W. Scotland         |                                                                                                                                                                                                  |
| 13. Isle of Man           |                                                                                                                                                                                                  |
| 14. N. & N.W. Scotland    |                                                                                                                                                                                                  |
| 15. Hebrides              |                                                                                                                                                                                                  |
| 16. Orkneys and Shetlands |                                                                                                                                                                                                  |
| 17. N.W. Ireland          |                                                                                                                                                                                                  |
| 18. N.E. Ireland          |                                                                                                                                                                                                  |
| 19. S.E. Ireland          |                                                                                                                                                                                                  |
| 20. S.W. Ireland          |                                                                                                                                                                                                  |
|                           | Wind NW backing to SW or S, light or moderate. Variable sky, local showers of rain or hail. Visibility good. Little change of temperature.                                                       |

Continuing unsettled.



# SYNOPTIC CHART FOR MORNING OF WEDNESDAY, 21<sup>ST</sup> APRIL, 1920

Scale - 1:10,000,000

Nautical Miles  
Statute Miles

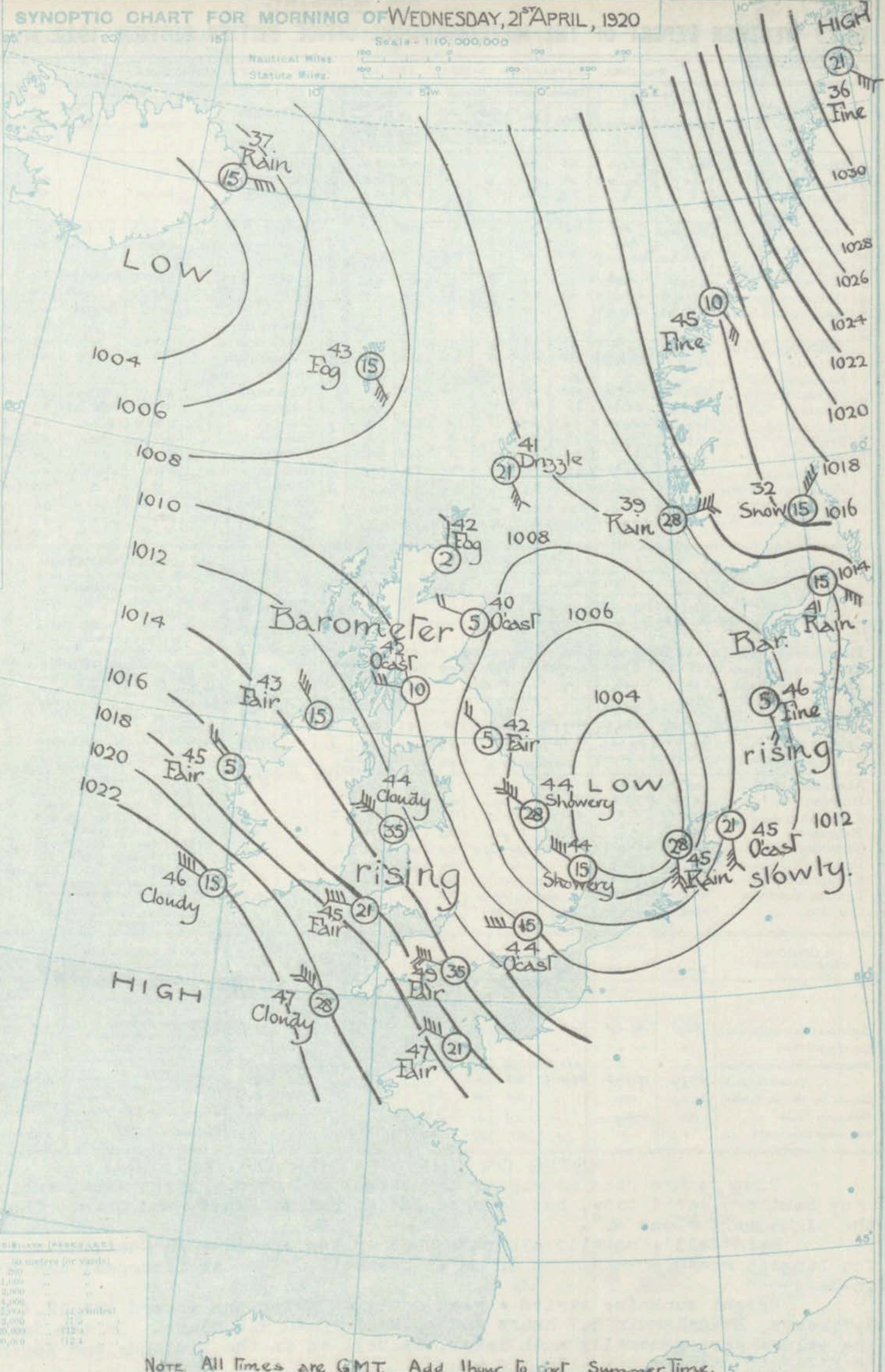
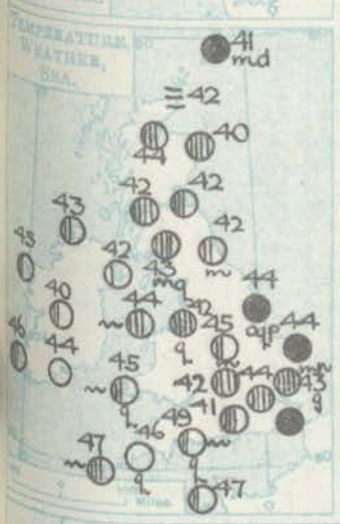
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Stn 8  
Stn 3



TELEGRAPHIC CODE FOR SURFACE VISION (PRELIMINARY)

| Visual Condition | Objects not visible at        | in meters (or yards) |
|------------------|-------------------------------|----------------------|
| Thick fog        | 200                           |                      |
| Very fog         | 1,000                         |                      |
| Fog              | 2,000                         |                      |
| Very fine        | 3,000                         |                      |
| Fine             | 4,000                         |                      |
| Insufficient     | 5,000                         |                      |
| Fair             | 10,000                        |                      |
| Good             | 20,000                        |                      |
| Very Good        | Objects visible beyond 20,000 |                      |
| Excellent        | Exceptional visibility        |                      |

Note All times are GMT. Add 1 hour to get Summer Time.



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 112.

Wednesday  
21st April

| 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. 17h-20h.     | Day. 9h-17h. | to 17h.          | Sunrise to Sunset. |                |                   |         | Forenoon. | Afternoon. | Max. °F.     | Min. °F. | Night. 17h-20h.     | Day. 9h-17h. | to 17h.          | Sunrise to Sunset. |  |
|                                                                                    |                     |           |            |              |          | 19-20 <sup>th</sup> |              | 20 <sup>th</sup> |                    |                |                   |         |           |            |              |          | 19-20 <sup>th</sup> |              | 20 <sup>th</sup> |                    |  |
| Scotland.                                                                          | Oban ...            | ac        | bcc.o      | 55           | 38       | 1                   | -            | 4.8              | 3.9                | England, N.W.  | Douglas (I.O.M.)  |         |           |            |              |          |                     |              |                  |                    |  |
|                                                                                    | Banff ...           | bc        | bc.b       | 55           | 45       | 3                   | -            | 6.3              | 5.4                |                | Blackpool ...     | c       | or        | 47         | 39           | 2        | 7                   | 3.0          | 0.8              |                    |  |
|                                                                                    | Montrose ...        | b         | b          | 49           | 40       | 5                   | -            | 11.2             | 4.3                |                | Southport ...     | bc.or   | ro        | 46         | 40           | 1        | 4                   | 2.6          | 2.0              |                    |  |
|                                                                                    | St. Andrews ...     |           |            |              |          |                     |              |                  |                    |                |                   |         |           |            |              |          |                     |              |                  |                    |  |
| England, N.E.                                                                      | Harrogate ...       | b.bcc.bcc | or         | 48           | 37       | 4                   | 2            | 2.4              | 1.1                | Midlands.      | Buxton ...        | b.bcc.b | b.ccc     | 43         | 36           | 4        | 4                   | 2.6          | 0.9              |                    |  |
|                                                                                    | Scarborough ...     | bc        | bc         | 52           | 40       | 4                   | -            | 6.9              | 1.2                |                | Leamington Spa... | bc.or   | or.c.b    | 50         | 39           | 1        | 3                   | 4.3          | 0.0              |                    |  |
|                                                                                    | Skegness ...        | bcc.bcc   | bcc.p      | 54           | 41       | 2                   | 0.4          | 5.2              | 1.6                |                | Malvern ...       |         |           |            |              |          |                     |              |                  |                    |  |
| England, E.                                                                        | Lowestoft ...       | bcc.p     | oc.q.p     | 53           | 43       | 5                   | 2            | 5.7              | 4.2                | Wales.         | Ross-on-Wye ...   | bcc.q   | p.bcc.p   | 50         | 37           | 9        | 2                   | 2.6          | 0.4              |                    |  |
|                                                                                    | Felixstowe ...      | oc.q.p    | oc.q.p     | 53           | 45       | 2                   | 1            | 5.0              | 4.5                |                | Bath ...          | bcc.or  | bcc.p     | 53         | 39           | 7        | 3                   | 2.7          | 0.3              |                    |  |
|                                                                                    | Southend-on-Sea...  | oc.bcc    | oc.q.p     | ?            | 40       | 2                   | 2            | 3.7              | 3.2                |                | Rhyl ...          | bcc     | bcc.p     | 49         | 39           | 1        | 3                   | 1.5          | 1.3              |                    |  |
| England, S.E.                                                                      | Tunbridge Wells     | bcc.p     | oc         | 51           | 38       | 3                   | 3            | 3.5              | 1.9                | England, S.W.  | Colwyn Bay ...    | *       | *         | 59         | 40           | 1        | 2                   | 1.4          | 1.6              |                    |  |
|                                                                                    | Margate ...         | rh.qr     | bcc.bcc    | 54           | 42       | 5                   | 0.3          | 3.4              | 5.1                |                | Llandudno ...     | or      | pr        | 48         | 40           | 0.2      | 2                   | 0.5          | 1.3              |                    |  |
|                                                                                    | Ramsgate ...        |           |            | 50           | 35       | 4                   | 0.2          | 2.8              | 5.2                |                | Aberystwyth ...   | roc     | cro       | 47         | 42           | 4        | 2                   | 0.3          | 0.3              |                    |  |
|                                                                                    | Folkestone ...      | rh.qr     | ro.p       | 51           | 41       | 3                   | 0.3          | 5.6              | 0.0                |                | Swansea ...       |         |           |            |              |          |                     |              |                  |                    |  |
|                                                                                    | Hastings ...        | rh.bcc    | or.bcc     | 52           | 41       | 5                   | 1            | 4.0              | 3.2                | Weymouth ...   | oc.p              | oc.p    | 53        | 42         | 2            | 1        | 4.5                 | ?            |                  |                    |  |
|                                                                                    | Eastbourne ...      | bcc.x     | roc        | 53           | 43       | 5                   | 1            | 5.0              | 3.0                | Teignmouth ... | oc.p              | oc.p    | 53        | 38         | 5            | 3        | 2.5                 | 2.0          |                  |                    |  |
|                                                                                    | Brighton ...        | epo       | oc         | 51           | 43       | 2                   | 3            | 4.9              | 1.3                | Torquay ...    | r.bcc             | p.bcc   | 53        | 40         | 4            | 4        | 5.7                 | 1.8          |                  |                    |  |
|                                                                                    | Worthing ...        | bcc       | bc         | 52           | 42       | 5                   | 2            | 6.4              | 0.4                | Paignton ...   | or.bcc            | bcc     | 52        | 43         | 7            | 2        | 5.2                 | 1.6          |                  |                    |  |
|                                                                                    | Littlehampton ...   | cqr       | bcc        | 53           | 40       | 4                   | 4            | 5.0              | 0.5                | Penzance ...   | oc.q              | cqr     | 52        | 44         | 6            | 1        | 3.1                 | 4.0          |                  |                    |  |
|                                                                                    | Portsmouth (Sthsea) | b.o       | bcc        | 52           | 42       | 3                   | 2            | 5.6              | 0.6                | Newquay ...    | oc.p              | oc.p    | 49        | 42         | 8            | 1        | 0.5                 | 2.2          |                  |                    |  |
|                                                                                    | Bournemouth ...     | *         | *          | 52           | 40       | 4                   | 4            | 4.5              | 0.0                | Bude ...       | r                 | c       | 50        | 42         | 7            | 1        | 3.1                 | 1.5          |                  |                    |  |
|                                                                                    | Ventnor (I. of W.)  | *         | *          | 50           | 40       | 5                   | 3            | 6.0              | 0.5                | Ilfracombe ... | roc               | bc      | 50        | 39         | 12           | 1        | 1.4                 | 0.8          |                  |                    |  |
|                                                                                    |                     |           |            |              |          |                     |              |                  |                    |                | Weston-s-Mare ... | bcc     | bcc       | 52         | 38           | 4        | 3                   | 3.0          | 0.5              |                    |  |
|                                                                                    |                     |           |            |              |          |                     |              |                  |                    |                | TENBY             | cor     | p.bcc     | 51         | 48           | 7        | 1                   | 5.0          | 0.6              |                    |  |

| SUMMARIES FOR PAST 24 HOURS. |         |          |           |              |         |           |                  |              |                 | BEAUFORT NOTATION. |  |  |  |  |  |  |  |  |  |
|------------------------------|---------|----------|-----------|--------------|---------|-----------|------------------|--------------|-----------------|--------------------|--|--|--|--|--|--|--|--|--|
| STATIONS.                    |         | WEATHER. |           | TEMPERATURE. |         | RAINFALL. |                  | SUN.         |                 |                    |  |  |  |  |  |  |  |  |  |
|                              |         | 7h-13h.  | 13h-18h.  | 18h-24h.     | Max. F. | Min. F.   | Min. on Grass F. | Day. 7h-13h. | Night. 18h-24h. |                    |  |  |  |  |  |  |  |  |  |
| Eskdalemuir ...              | b.b.c.c | c.c.b.c  | b.c.b.m.  | 50           | 40      | 22        | -                | 5.7          | -               |                    |  |  |  |  |  |  |  |  |  |
| Valencia (Cahiceven) ...     | oph.qc  | cph.b    | om.h.c    | 49           | 42      | 40        | 1                | 5.6          | 2               |                    |  |  |  |  |  |  |  |  |  |
| Baldonnell ...               | q.r     | coq      | rg        | -            | -       | -         | -                | -            | -               |                    |  |  |  |  |  |  |  |  |  |
| Didsbury ...                 | bcc.qm  | co.c.m   | bcc.pq    | 51           | 43      | 39        | 6                | 3.0          | 3.0             |                    |  |  |  |  |  |  |  |  |  |
| Falmouth ...                 | rr.oq   | op.qc    | bcc.pq    | 58           | 41      | 40        | 3                | 5.9          | -               |                    |  |  |  |  |  |  |  |  |  |
| Calshot (Hants) ...          | bcc.prr | op.qc    | bcc.pq    | 50           | 41      | 39        | 3                | 0.4          | 3.5             |                    |  |  |  |  |  |  |  |  |  |
| Lynpne (Folkestone) ...      | bcc.prr | op.qc    | bcc.pq    | 50           | 41      | 39        | 3                | 0.4          | 3.5             |                    |  |  |  |  |  |  |  |  |  |
| Aberdeen ...                 | bcc.bz  | b.bz     | bcc.c. of | 53           | 38      | 32        | -                | 9.7          | -               |                    |  |  |  |  |  |  |  |  |  |
| Howden ...                   | q.c     | rr.q     | rh.h.c    | 52           | 40      | *         | *                | *            | *               |                    |  |  |  |  |  |  |  |  |  |
| Cranwell (Lincs) ...         | cc.qr   | r.o      | cc        | 52           | 40      | *         | 2                | 10           | 3.6             |                    |  |  |  |  |  |  |  |  |  |
| Felixstowe ...               | q.r     | q.p      | q.p       | 54           | 41      | *         | *                | *            | *               |                    |  |  |  |  |  |  |  |  |  |
| Shoeburyness ...             | cph.q   | oph.qc   | oph.qc    | 54           | 41      | 40        | 2                | 4.0          | 4.0             |                    |  |  |  |  |  |  |  |  |  |
| Benson ...                   | ro      | bcc      | ro        | 52           | 41      | 38        | 2                | 3            | *               |                    |  |  |  |  |  |  |  |  |  |
| S. Farnborough ...           | bcc     | op.qc    | op.qc     | 54           | 40      | 37        | 3                | 1            | 0.2             |                    |  |  |  |  |  |  |  |  |  |
| London (Kew Obs.) ...        | em.bcc  | cc.qc    | cc.qc     | 52           | 43      | 40        | 3                | 1            | 5.3             |                    |  |  |  |  |  |  |  |  |  |
| Croydon ...                  | ex.dor  | om.qc    | op.q      | 51           | 40      | 4         | 5                | 3            | *               |                    |  |  |  |  |  |  |  |  |  |

| LONDON OBSERVATIONS.           |     |          |            |              |         |           |                  |              |                 | SOUTH KENSINGTON (Meteorological Office).                                     |  |  |  |  |  |  |  |  |  |
|--------------------------------|-----|----------|------------|--------------|---------|-----------|------------------|--------------|-----------------|-------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|
| STATIONS.                      |     | WEATHER. |            | TEMPERATURE. |         | RAINFALL. |                  | SUN.         |                 |                                                                               |  |  |  |  |  |  |  |  |  |
|                                |     | Morning. | Afternoon. | Night.       | Max. F. | Min. F.   | Min. on Grass F. | Day. 7h-13h. | Night. 18h-24h. |                                                                               |  |  |  |  |  |  |  |  |  |
| 24 HOURS ENDED 9H G.M.T. 21st. |     |          |            |              |         |           |                  |              |                 | Vertical Component of Solar Radiation per Square Centimetre during yesterday. |  |  |  |  |  |  |  |  |  |
| Greenwich (Royal Observatory)  | bcc | bc.op    | op         | 54           | 42      | 42        | 3                | 5.3          | 7.2             |                                                                               |  |  |  |  |  |  |  |  |  |
| City (Bunhill Row)             | *   | *        | *          | *            | *       | *         | *                | 5.8          | *               |                                                                               |  |  |  |  |  |  |  |  |  |
| Westminster (St. James's Park) | *   | *        | pp.c       | 56           | 43      | 40        | 3                | 5.9          | 7.2             |                                                                               |  |  |  |  |  |  |  |  |  |
| (Admiralty Arch)               | bcc | op.qc    | op.qc      | 54           | 43      | *         | 2                | 5.3          | 7.5             |                                                                               |  |  |  |  |  |  |  |  |  |
| Camden Sq. (British Rainfall)  | bcc | op       | *          | 54           | 41      | 39        | 6                | *            | 7.1             |                                                                               |  |  |  |  |  |  |  |  |  |
| Kensington Palace              | op  | op.qc    | *          | 53           | 41      | 42        | 4                | 7.9 (18h)    | 7.5             |                                                                               |  |  |  |  |  |  |  |  |  |
| Hampstead Observatory          | *   | *        | *          | 51           | 40      | 39        | 4                | 5.7          | 7.7             |                                                                               |  |  |  |  |  |  |  |  |  |

## NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose no higher than about 50° over a large area, including many Southern localities, but touched 55° at Nairn, Banff, and Oban. The minima of the night were about 40°.

Rain fell generally except at one or two stations in Scotland and Ireland. The largest measurements were 12 mm at Cranwell, 11 mm at Liverpool and 10 mm at Clacton-on-Sea.

Bright sunshine varied a good deal; at Nairn the record was 12.4 hours, Aberdeen 9.7 hours, Eskdalemuir 8.7 hours and at Malin Head 7.7 hours. In the South and Southeast the values were generally much lower, as well as in the Midlands and Northwest. At Holyhead the record was only 0.6 hours.



## AIR MINISTRY.

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

BRITISH SECTION.

No. B4336

Thursday... 22nd... April..... 1920.

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

| OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H. |                               |                         |       |                |          |                     |                          |                      |                                     |                     |                       |                               |                               |                         |                 |                |              |                |                      |                                     |                     |                       |             |                         |     |      |   |
|-------------------------------------------------------------------------|-------------------------------|-------------------------|-------|----------------|----------|---------------------|--------------------------|----------------------|-------------------------------------|---------------------|-----------------------|-------------------------------|-------------------------------|-------------------------|-----------------|----------------|--------------|----------------|----------------------|-------------------------------------|---------------------|-----------------------|-------------|-------------------------|-----|------|---|
| STATIONS.                                                               | BAROM.<br>at<br>M.S.L.<br>mb. | Change<br>in 3<br>hours | WIND. |                | WEATHER. | TEMP.<br>°F.        | Humidity.<br>%           | Visibility.<br>0-10. | Height<br>of Low<br>Cloud.<br>Feet. | Low Cloud.<br>Form. | Upper Cloud.<br>Form. | Sea<br>0-9.                   | BAROM.<br>at<br>M.S.L.<br>mb. | Change<br>in 3<br>hours | WIND.           |                | TEMP.<br>°F. | Humidity.<br>% | Visibility.<br>0-10. | Height<br>of Low<br>Cloud.<br>Feet. | Low Cloud.<br>Form. | Upper Cloud.<br>Form. | Sea<br>0-9. |                         |     |      |   |
|                                                                         |                               |                         | Dir.  | Force<br>0-12. |          |                     |                          |                      |                                     |                     |                       |                               |                               |                         | Dir.            | Force<br>0-12. |              |                |                      |                                     |                     |                       |             |                         |     |      |   |
| 13H. G.M.T. of 21st                                                     |                               |                         |       |                |          |                     |                          |                      |                                     |                     |                       |                               | 18H. G.M.T. of 21st           |                         |                 |                |              |                |                      |                                     |                     |                       |             |                         |     |      |   |
| Blackdunmuir ...                                                        | 1011.8                        | +4                      | WNW   | 5              | bazy     | 53                  | 55                       | 7                    | -                                   | Cu                  | 6                     | -                             | 1015.1                        | +3                      | WNW             | 5              | bazy         | 46             | 65                   | 9                                   | -                   | ScCu                  | 1           | Ci                      | 4   |      |   |
| Blackdunmuir (Caliche'n)                                                | 1022.8                        | 0                       | W     | 1              | bc       | 51                  | 75                       | 9                    | 3000                                | Cu                  | 3                     | ACu                           | 2                             | +                       | 1019.6          | -5             | S            | 4              | 49                   | 75                                  | 8                   | 3000                  | Sc          | 7                       | ASc | 3    |   |
| Baldonnel ...                                                           | 1016.7                        | +3                      | WNW   | 4              | CZ       | 51                  | 65                       | 7                    | 7200                                | ScCu                | 6                     | ASc                           | 1                             | *                       | 1019.3          | 0              | W            | 4              | 49                   | 75                                  | 6                   | 5700                  | ScCu        | 8                       | ASc | 2    |   |
| Barnsley ...                                                            | 1014.0                        | +5                      | NW    | 5              | om       | 49                  | 4                        | 5                    | 1250                                | CuN                 | 9                     | -                             | 1017.7                        | +5                      | NW              | 4              | b            | 48             | 4                    | 5                                   | 4200                | Cu                    | 1           | -                       | -   |      |   |
| Barnsley (Hants) ...                                                    | 1022.8                        | +4                      | NW    | 6              | bcz      | 54                  | 65                       | 7                    | -                                   | Cu                  | 6                     | -                             | 1022.8                        | +1                      | WNW             | 3              | bcz          | 49             | 75                   | 4                                   | -                   | ScCu                  | 2           | Ci                      | 2   |      |   |
| Barnsley (Folkestone) ...                                               | 1017.2                        | +3                      | WNW   | 5              | C        | 48                  | 55                       | 2                    | 3000                                | ScCu                | 8                     | -                             | 1020.0                        | +3                      | NW              | 4              | C            | 48             | 55                   | 2                                   | 3000                | ScCu                  | 8           | -                       | -   |      |   |
| Barnsley ...                                                            | 1013.0                        | +4                      | NW    | 3              | C        | 47                  | 75                       | 8                    | 2000                                | ScCu                | 7                     | CiSc                          | 1                             | *                       | 1020.6          | +5             | W            | 1              | bm                   | 45                                  | 85                  | 7                     | 7200        | ScCu                    | 2   | -    |   |
| Barnsley ...                                                            | 1011.4                        | +2                      | ENE   | 3              | om       | 46                  | 75                       | 6                    | -                                   | CuN                 | 10                    | -                             | 1012.9                        | +2                      | ESE             | 1              | C            | 45             | 95                   | 8                                   | -                   | CuN                   | 8           | -                       | -   |      |   |
| Barnsley ...                                                            | 1010.9                        | +3                      | N     | 6              | og       | 48                  | 75                       | 6                    | 4200                                | Nb                  | 7                     | ASc                           | 3                             | *                       | 1015.0          | +5             | N            | 5              | og                   | 46                                  | 92                  | 5                     | 2000        | Nb                      | 10  | -    |   |
| Barnsley (Lines) ...                                                    | 1013.5                        | +5                      | WNW   | 3              | C        | 48                  | 85                       | 5                    | 1250                                | ScCu                | 7                     | ASc                           | 4                             | +                       | 1017.0          | +4             | WNW          | 3              | CZ                   | 47                                  | 97                  | 6                     | 2000        | ScCu                    | 8   | -    |   |
| Barnsley ...                                                            | 1013.7                        | +4                      | W     | 4              | C        | 50                  | 75                       | 6                    | 3000                                | ScCu                | 7                     | -                             | 1018.0                        | +4                      | WNW             | 2              | C            | 47             | 85                   | 6                                   | 4200                | Cu                    | 8           | -                       | -   |      |   |
| Barnsley ...                                                            | 1014.0                        | +7                      | WNW   | 2              | bc       | 52                  | 65                       | 7                    | 4200                                | Cu                  | 5                     | -                             | 1018.1                        | +6                      | W               | 1              | bc           | 46             | 75                   | 7                                   | 4200                | Sc                    | 3           | ASc                     | 2   |      |   |
| Barnsley ...                                                            | 1015.3                        | +5                      | NW    | 4              | C        | 51                  | 65                       | 7                    | -                                   | Cu                  | 7                     | -                             | 1018.5                        | +3                      | WNW             | 4              | bc           | 50             | 65                   | 8                                   | -                   | Cu                    | 5           | -                       | -   |      |   |
| Barnsley ...                                                            | 1016.2                        | +4                      | WNW   | 4              | 02       | 50                  | 65                       | 7                    | 750                                 | Nb                  | 10                    | -                             | 1019.5                        | +5                      | WNW             | 3              | bc           | 49             | 75                   | 8                                   | 2000                | Nb                    | 5           | ASc                     | 1   |      |   |
| Barnsley (Kew Obs.) ...                                                 | 1015.6                        | +4                      | WNW   | 4              | C        | 51                  | 65                       | 8                    | 5700                                | Cu                  | 6                     | CiSc                          | 2                             | *                       | 1019.0          | +4             | NW           | 2              | C                    | 51                                  | 55                  | 5                     | 4200        | ScCu                    | 5   | ASc  | 3 |
| Barnsley ...                                                            | 1016.0                        | +4                      | W     | 4              | or       | 45                  | 85                       | 6                    | 2000                                | Nb                  | 8                     | ASc                           | 1                             | *                       | 1019.1          | +4             | WNW          | 3              | om                   | 50                                  | 65                  | 4                     | 3000        | ScCu                    | 8   | -    |   |
| 1H. G.M.T. of 22nd                                                      |                               |                         |       |                |          |                     |                          |                      |                                     |                     |                       |                               | 7H. G.M.T. of 22nd            |                         |                 |                |              |                |                      |                                     |                     |                       |             |                         |     |      |   |
| Blackdunmuir ...                                                        | 1014.1                        | 0                       | S     | 3              | bcv      | 33                  | 85                       | 9                    | -                                   | -                   | -                     | Ci                            | 5                             | *                       | 1015.7          | -1             | -            | 0              | ow                   | 36                                  | 92                  | 6                     | -           | Sc                      | 10  | -    |   |
| Blackdunmuir (Caliche'n)                                                | 1011.6                        | -5                      | SSE   | 5              | comp     | 50                  | -                        | -                    | -                                   | -                   | -                     | -                             | 1012.3                        | +1                      | N               | 4              | 0            | 50             | 85                   | 7                                   | 2000                | ScCu                  | 10          | -                       | -   |      |   |
| Baldonnel ...                                                           | 1016.5                        | -3                      | SE    | 4              | og       | 45                  | 92                       | 4                    | 1250                                | Sc                  | 10                    | -                             | 1009.3                        | -8                      | S               | 5              | og           | 47             | 92                   | 4                                   | 2000                | Sc                    | 10          | -                       | -   |      |   |
| Barnsley ...                                                            | -                             | -                       | -     | -              | -        | -                   | -                        | -                    | -                                   | -                   | -                     | -                             | 1016.7                        | -2                      | SSE             | 3              | 03f          | 44             | -                    | 3                                   | 5700                | ScCu                  | 10          | -                       | -   |      |   |
| Barnsley ...                                                            | 1022.1                        | -4                      | SW    | 4              | 0        | 47                  | 85                       | 5                    | -                                   | Nb                  | 10                    | -                             | 1016.9                        | -5                      | SSW             | 5              | og 23f       | 48             | 97                   | 4                                   | -                   | Nb                    | 10          | -                       | -   |      |   |
| Barnsley (Hants) ...                                                    | 1023.0                        | 0                       | W     | 1              | b        | 41                  | 92                       | 8                    | -                                   | -                   | -                     | -                             | 1021.1                        | -1                      | S               | 1              | bcj          | 47             | 92                   | 6                                   | 2000                | Cu                    | 1           | ASc                     | 3   |      |   |
| Barnsley (Folkestone) ...                                               | -                             | -                       | -     | -              | -        | -                   | -                        | -                    | -                                   | -                   | -                     | -                             | 1020.0                        | 0                       | -               | 0              | bcjw         | 45             | 75                   | 8                                   | -                   | -                     | -           | CiSc                    | 6   |      |   |
| Barnsley ...                                                            | -                             | -                       | -     | -              | -        | -                   | -                        | -                    | -                                   | -                   | -                     | -                             | 1013.4                        | +1                      | SSW             | 2              | bcjfe        | 43             | 75                   | 4                                   | -                   | -                     | -           | CiSc                    | 5   |      |   |
| Barnsley ...                                                            | 1018.8                        | +2                      | SSW   | 2              | b        | 37                  | 92                       | 6                    | -                                   | -                   | -                     | -                             | 1018.0                        | -1                      | SSE             | 1              | 03f          | 41             | 92                   | 3                                   | 1250                | Sc                    | 5           | ASc                     | 4   |      |   |
| Barnsley (Lines) ...                                                    | -                             | -                       | -     | -              | -        | -                   | -                        | -                    | -                                   | -                   | -                     | -                             | 1014.4                        | 0                       | SSW             | 3              | 03f          | 46             | 85                   | 7                                   | 5700                | Sc                    | 5           | ASc                     | 3   |      |   |
| Barnsley ...                                                            | -                             | -                       | -     | -              | -        | -                   | -                        | -                    | -                                   | -                   | -                     | -                             | 1022.0                        | +1                      | S               | 1              | b            | 44             | 85                   | 4                                   | -                   | -                     | -           | Ci                      | 2   |      |   |
| Barnsley ...                                                            | -                             | -                       | -     | -              | -        | -                   | -                        | -                    | -                                   | -                   | -                     | -                             | 1021.6                        | 0                       | S               | 1              | bcj          | 47             | 75                   | 6                                   | 3000                | Sc                    | 2           | ASc                     | 2   |      |   |
| Barnsley ...                                                            | -                             | -                       | -     | -              | -        | -                   | -                        | -                    | -                                   | -                   | -                     | -                             | 1019.4                        | 0                       | S               | 3              | C            | 43             | 97                   | 5                                   | -                   | -                     | -           | ASc                     | 9   |      |   |
| Barnsley ...                                                            | -                             | -                       | -     | -              | -        | -                   | -                        | -                    | -                                   | -                   | -                     | -                             | 1020.7                        | -1                      | S               | 3              | bcjfe        | 42             | 92                   | 5                                   | 3000                | ScCu                  | 3           | ASc                     | 5   |      |   |
| Barnsley ...                                                            | 1021.9                        | 0                       | -     | -              | -        | 41                  | -                        | -                    | -                                   | -                   | -                     | -                             | 1021.0                        | -1                      | S               | 1              | cmw          | 45             | 92                   | 4                                   | -                   | -                     | -           | CiSc                    | 8   |      |   |
| Barnsley (Kew Obs.) ...                                                 | 1022.4                        | +2                      | NSW   | 2              | b        | 41                  | 85                       | 4                    | -                                   | -                   | -                     | -                             | 1021.7                        | -2                      | S               | 2              | 02f          | 42             | 97                   | 4                                   | -                   | -                     | -           | ASc                     | 9   |      |   |
| STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.                           |                               |                         |       |                |          |                     |                          |                      |                                     |                     |                       |                               |                               |                         |                 |                |              |                |                      |                                     |                     |                       |             |                         |     |      |   |
| STATIONS.                                                               | BAROM.<br>at<br>M.S.L.<br>mb. | TEMP.<br>°F.            | WIND. |                | WEATHER. | BAROMETER.          |                          | TEMPERATURE.         |                                     | WIND.               |                       | Dir.<br>of<br>Upper<br>Cloud. | WEATHER.                      | Sea<br>0-9.             | Rainfall<br>mm. | TEMP.          |              | WEATHER.       |                      |                                     | Sunshine<br>Hours.  |                       |             |                         |     |      |   |
|                                                                         |                               |                         | Dir.  | Force<br>0-12. |          | at<br>M.S.L.<br>mb. | Change<br>in<br>3 hours. | Temp.<br>°F.         | Change<br>in<br>24 hours.           | Dir.                | Force<br>0-12.        |                               |                               |                         |                 | Max.<br>°F.    | Min.<br>°F.  | Morning.       | Afternoon.           | Night.                              |                     |                       |             |                         |     |      |   |
| 12H. G.M.T. of 21st                                                     |                               |                         |       |                |          |                     |                          |                      |                                     |                     |                       | 7H. G.M.T. of 22nd            |                               |                         |                 |                |              |                |                      |                                     |                     |                       |             | 24 HOURS ENDED 7H. 22nd |     | 21st |   |
| Lewick ...                                                              | 1012.1                        | 40                      | ESE   | 3              | 0        | 1009.2              | -3                       | 40                   | -1                                  | SW                  | 1                     | SW                            | comp                          | 1                       | 2               | 43             | 36           | om             | omp                  | comp                                | -                   | -                     |             |                         |     |      |   |
| Barrow ...                                                              | 1010.5                        | 46                      | W     | 3              | 0        | 1010.8              | 0                        | 43                   | -                                   | WSW                 | 1                     | WSW                           | b                             | 1                       | 3               | 49             | 37           | -              | omp                  | omp                                 | 4.8                 | -                     |             |                         |     |      |   |
| Barrow (Barrals) ...                                                    | -                             | -                       | -     | -              | -        | 1011.1              | 0                        | 46                   | -                                   | SW                  | 2                     | -                             | 0                             | 3                       | 1               | 46             | 46           | -              | omp                  | omp                                 | 6.8                 | -                     |             |                         |     |      |   |
| Barrow ...                                                              | 1014.8                        | 47                      | WNW   | 4              | bc       | 1014.0              | -1                       | 41                   | -1                                  | ESE                 | 2                     | -                             | om                            | -                       | -               | 53             | 36           | ocv            | bc                   | b. bcx                              | 7.8                 | -                     |             |                         |     |      |   |
| Barrow Head ...                                                         | 1015.0                        | 47                      | W     | 3              | C        | 1006.4              | -3                       | 42                   | -1                                  | SE                  | 3                     | SE                            | r                             | 3                       | 3               | 49             | 41           | bcp            | bc                   | C                                   | 9.2                 | -                     |             |                         |     |      |   |
| Barrow Point ...                                                        | 1017.3                        | 49                      | SSW   | 2              | C        | 1006.6              | -3                       | 30                   | +5                                  | WSN                 | 2                     | -                             | om                            | 2                       | 2               | 52             | 44           | bc             | bc                   | om                                  | -                   | -                     |             |                         |     |      |   |
| Barrow's Point ...                                                      | 1021.8                        | 50                      | WSW   | 4              | 0        | 1011.8              | 0                        | 51                   | +7                                  | NW                  | 1                     | -                             | 0                             | 2                       | 6               | 65             | 44           | cpq bc         | bc po                | om                                  | -                   | -                     |             |                         |     |      |   |
| Barrow Castle ...                                                       | 1019.6                        | 50                      | W     | 1              | 0        | 1008.7              | -                        | 50                   | +10                                 | SW                  | 1                     | -                             | r                             | -                       | 6               | 54             | 40           | C              | C                    | c. or                               | 9.1                 | -                     |             |                         |     |      |   |
| Barrow Head ...                                                         | 1016.2                        | 48                      | NE    | 2              | bc       | 1012.8              | -2                       | 43                   | +1                                  | SE                  | 4                     | -                             | om                            | 4                       | 3               | 53             | 38           | c. emg         | bc                   | bc om                               | -                   | -                     |             |                         |     |      |   |
| Barrow Head ...                                                         | 1018.3                        | 47                      | WNW   | 4              | b        | 1015.7              | -2                       | 43                   | +1                                  | SSE                 | 3                     | 0                             | 0                             | 3                       | 1               | 50             | 41           | b              | b                    | bc o                                | 6.9                 | -                     |             |                         |     |      |   |
| Barrow Head ...                                                         | 1018.6                        | 50                      | W     | 4              | bc       | 1012.3              | -4                       | 45                   | +1                                  | S                   | 6                     | -                             | orgm                          | 4                       | 1               | 53             | 43           | cbc b          | cbc                  | bc om                               | 12.0                | -                     |             |                         |     |      |   |
| Barrow Head ...                                                         | 1021.6                        | 48                      | WSW   | 4              | bcv      | 1013.7              | -5                       | 47                   | +2                                  | S                   | 5                     | -                             | cdg                           | 5                       | 2               | 51             | 44           | bcv            | bcv                  | bc om                               | 10.2                | -                     |             |                         |     |      |   |
| Barrow Head ...                                                         | 1023.9                        | 50                      | WNW   | 3              | C        | 1015.4              | -6                       | 30                   | +3                                  | N                   | 3                     | -                             | fe                            | 4                       | 6               | 53             | 46           | cbc            | cbc                  | om                                  | 8.6                 | -                     |             |                         |     |      |   |
| Barrow Head ...                                                         | 1022.8                        | 52                      | NW    | 4              | b        | 1022.0              | -1                       | 48                   | +1                                  | SSW                 | 3                     | -                             | 0                             | 3                       | trace           | 54             | 44           | bopcb          | cpbcb                | bc o                                | 11.8                | -                     |             |                         |     |      |   |
| Barrow Head ...                                                         | 1021.0                        | 51                      | NW    | 5              | bc       | 1019.7              | -4                       | 50                   | +1                                  | SSW                 | 6                     | -                             | og                            | 5                       | -               | 52             | 46           | bc             | bc                   | bc o                                | -                   | -                     |             |                         |     |      |   |
| Barrow Head ...                                                         | 1017.7                        | 50                      | N     | 2              | b        | 1021.8              | +1                       | 45                   | +1                                  | SSW                 | 2                     | -                             | b                             | 2                       | 1               | 54             | 34           | boc            | cpc b                | bc bc                               | -                   | -                     |             |                         |     |      |   |
| Barrow ...                                                              | 1011.9                        | 45                      | NW    | 1              | om       | 1010.6              | +1                       | 41                   | -1                                  | SW                  | 2                     | -                             | bc                            | 2                       | 5               | 45             | 35           | fomr           | fom                  | bc                                  | -                   | -                     |             |                         |     |      |   |
| Barrow ...                                                              | 1012.2                        | 48                      | W     | 1              | C        | 1011.4              | -                        | 43                   | -1                                  | N                   | 1                     | -                             | og                            | 1                       | 2               | 50             | 37           | cpr            | pc                   | c. bpc                              | 0.3                 | -                     |             |                         |     |      |   |
| Barrow ...                                                              | 1013.3                        | 51                      | NSW   | 3              | bc       | 1013.8              | 0                        | 43                   | +1                                  | NNE                 | 1                     | -                             | 0                             | 2                       | 1               | 53             | 39           | cpb c          | chbc                 | bc. bcd                             | -                   | -                     |             |                         |     |      |   |
| Barrow Head ...                                                         | 1013.9                        | 46                      | NW    | 3              | bc m     | 1016.6              | 0                        | 41                   | -1                                  | SW                  | 2                     | -                             | om                            | 3                       | 3               | 48             | 37           | bcp            | bm pq                | bc om                               | -                   | -                     |             |                         |     |      |   |
| Barrow Head ...                                                         | 1015.1                        | 47                      | NW    | 4              | cp       | 1018.5              | 0                        | 46                   | +2                                  | SSE                 | 4                     | -                             | bc                            | 3                       | 2               | 50             | 39           | cp             | cp                   | em                                  | -                   | -                     |             |                         |     |      |   |
| Barrow Head ...                                                         | 1016.1                        | 48                      | NW    | 3              | bc       | 1020.7              | +1                       | 41                   | -3                                  | N                   | 2                     | -                             | bcj                           | 1                       | 3               | 53             | 36           | cmph           | bcv                  | bcx.                                | 3.8                 | -                     |             |                         |     |      |   |
| Barrow Head ...                                                         | 1017.7                        | 49                      | W     | 3              | bc       | 1021.3              | +1                       | 45                   | +2                                  | SW                  | 2                     | -                             | bcv                           | 1                       | 2               | 51             | 37           | ogbc           | bccp                 | bc m                                | 3.1                 | -                     |             |                         |     |      |   |
| Barrow Head ...                                                         | 1017.5                        | 50                      | WNW   | 4              | b        | 1018.5              | -                        | 41                   | -4                                  | S                   | 1                     | S                             | C                             | -                       | -               | 52             | 36           | com            | cbc                  | b                                   | 9.2                 | -                     |             |                         |     |      |   |

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ For code see page 3.



# SUMMARY OF CONDITIONS AT 7 A.M.T. Thursday, April 22nd 1920.

| Districts.                | Wind.<br>Velocity in m.p.h. | Temperature. | Weather, Cloud and Precipitation.         | Visibility. | Sea.      |
|---------------------------|-----------------------------|--------------|-------------------------------------------|-------------|-----------|
| 1. S.E. England           | S-W C-10                    | Normal.      | Fine to cloudy, local mist                | Fair        | Smooth    |
| 2. E. England             | S-W 2-10                    | "            | Fine to cloudy, misty.                    | Indiff.     | "         |
| 3. E. Midlands            | S. 2-10                     | "            | Cloudy.                                   | "           | "         |
| 4. W. Midlands            | S. 10-15                    | R. Warm.     | Dull.                                     | "           | "         |
| 5. S.W. England           | S-W 15-25                   | "            | Dull, local rain, mist & squalls.         | Poor        | R. Rough. |
| 6. South Wales            | S-SW 15-20                  | "            | Dull, local drizzle & squalls.            | "           | "         |
| 7. North Wales            | SSE-S 15-25                 | Normal.      | Dull, local mist, rain & squalls.         | "           | Mod.      |
| 8. N.W. England           | SE-S 10-15                  | "            | Dull, slight fog locally                  | "           | Slight.   |
| 9. N. Midlands            | S 2-10                      | "            | Dull, local mist.                         | "           | "         |
| 10. N.E. England          | SE-SW 2-15                  | "            | Fair to dull, mist or slight fog locally. | "           | Slight    |
| 11. E. Scotland           | Var. 2-5                    | "            | Fair to dull, local mist                  | Indiff.     | "         |
| 12. S.W. Scotland         | SE. 0-5                     | R. Cool.     | Dull, local mist & drizzle                | "           | Mod.      |
| 13. Isle of Man           | SE. 20                      | Normal.      | Dull, some mist & rain.                   | Poor.       | "         |
| 14. N. & N.W. Scotland    | SE-SW 5-15                  | "            | Fair to cloudy, local showers.            | -           | Slight    |
| 15. Hebrides              |                             |              |                                           |             |           |
| 16. Orkneys and Shetlands | SW 2-10                     | Normal.      | Fair local showers & mist                 | Fair.       | Smooth.   |
| 17. N.W. Ireland          | S-W 5-10                    | R. Warm.     | Cloudy or dull, local rain                | Indiff.     | Slight    |
| 18. N.E. Ireland          | SE-S 10-15                  | Normal.      | Cloudy or dull, some rain & mist.         | "           | Mod.      |
| 19. S.E. Ireland          | S-W 5-15                    | Warm.        | Dull, local rain.                         | "           | "         |
| 20. S.W. Ireland          | W-NW 2-15                   | "            | Dull.                                     | Good.       | "         |

GENERAL INFERENCE from observations received 9h GMT.

A V-Shaped depression over our Western districts appears to be moving North-east or East. Some rain is probable in most places but not in large amounts. Unsettled weather is likely to continue beyond the ensuing 24 hours.

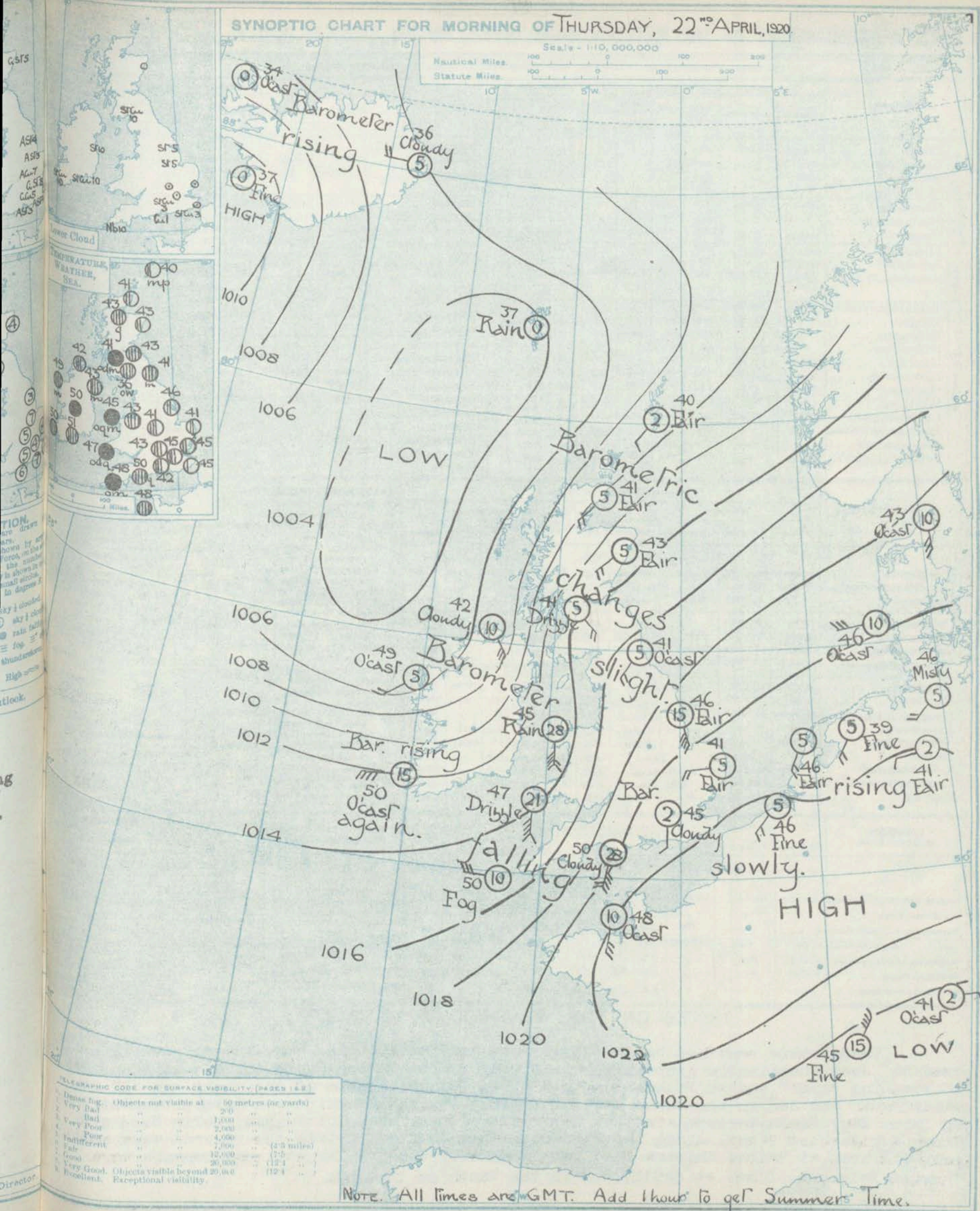
**EXPLANATION.**  
 BAROMETER.—Isobars are drawn at intervals of two millibars.  
 WIND.—Direction is shown by an arrow pointing in the direction from which the wind is blowing. Force, on the Beaufort scale, is indicated by the number of flags. Mean velocity is shown in feet per hour by figures in small circles.  
 TEMPERATURE.—Isobars are drawn at intervals of two degrees.  
 WEATHER SYMBOLS.—  
 ☉ clear sky. ☁ sky & cloudy. ☂ sky & rain. ☄ overcast sky. ☂ rain falling. \* snow. ▲ hail. ☰ fog. ☄ thunder. ☄ thunder and rain.  
 SEA DISTURBANCES.—  
 Rough. High.



| Districts.                | Forecast for the 24 hours commencing 3 p.m. GMT. Thursday 22nd April 1920.                                                                       |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. S.E. England           | Wind South and Southwest, light/moderate, becoming overcast, some rain; visibility deteriorating. Temperature rising a little.                   |
| 2. E. England             |                                                                                                                                                  |
| 3. E. Midlands            |                                                                                                                                                  |
| 4. W. Midlands            |                                                                                                                                                  |
| 5. S.W. England           | Wind South and South-west, light or moderate; dull some rain. Visibility fair to indifferent. Rather milder.                                     |
| 6. South Wales            |                                                                                                                                                  |
| 7. North Wales            |                                                                                                                                                  |
| 8. N.W. England           |                                                                                                                                                  |
| 9. N. Midlands            |                                                                                                                                                  |
| 10. N.E. England          |                                                                                                                                                  |
| 11. E. Scotland           |                                                                                                                                                  |
| 12. S.W. Scotland         | Wind mainly Southerly or South-eastly, light or moderate, cloudy or overcast. Some rain and mist. Visibility fair to indifferent. Rather milder. |
| 13. Isle of Man           |                                                                                                                                                  |
| 14. N. & N.W. Scotland    |                                                                                                                                                  |
| 15. Hebrides              |                                                                                                                                                  |
| 16. Orkneys and Shetlands |                                                                                                                                                  |
| 17. N.W. Ireland          |                                                                                                                                                  |
| 18. N.E. Ireland          | Wind SW to W or NW. Light or moderate, changeable, occasional rain. Visibility fair to good. Moderate                                            |
| 19. S.E. Ireland          |                                                                                                                                                  |
| 20. S.W. Ireland          | Temperature.                                                                                                                                     |

Continuing unsettled.





NOTE: All times are GMT. Add 1 hour to get Summer Time.



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

Thursday  
22nd April

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

| STATIONS.                  | WEATHER.  |            | TEMPERATURE. |         | Rainfall.      |              | SUNSHINE. |                    | STATIONS.          | WEATHER.  |            | TEMPERATURE. |         | Rainfall.      |              | SUNSHINE. |                    |
|----------------------------|-----------|------------|--------------|---------|----------------|--------------|-----------|--------------------|--------------------|-----------|------------|--------------|---------|----------------|--------------|-----------|--------------------|
|                            | Forenoon. | Afternoon. | Max. F.      | Min. F. | Night. 17h-9h. | Day. 9h-17h. | to 17h.   | Sunrise to Sunset. |                    | Forenoon. | Afternoon. | Max. F.      | Min. F. | Night. 17h-9h. | Day. 9h-17h. | to 17h.   | Sunrise to Sunset. |
| Scotland.                  |           |            |              |         |                |              |           |                    | Douglas (L.O.M.)   |           |            |              |         |                |              |           |                    |
| Oban ...                   | roc       | beb        | 51           | 41      | 11             | -            | 3.6       | 4.4                | Blackpool ...      | or        | be         | 50           | 42      | 6              | -            | 6.0       | 3.0                |
| Banff ...                  | oc        | be         | 47           | 33      | -              | -            | 2.8       | 7.5                | Southport ...      | cbe       | b          | 51           | 41      | 6              | -            | 5.7       | 2.6                |
| Montrose ...               | cbe       | of         | 52           | 36      | -              | -            | 1.9       | 11.8               | Buxton ...         | ber       | b          | 46           | 38      | 12             | 0.2          | 3.3       | 2.6                |
| St. Andrews ...            | c         | e          | 53           | 41      | -              | -            | 3.1       | 7.4                | Learington Spa ... | oc        | b          | 52           | 40      | 4              | 0.4          | 1.7       | 4.3                |
| England, N.E.              |           |            |              |         |                |              |           |                    | Malvern ...        | cbe       | co         | 52           | 40      | 2              | 1            | 6.0       | 7                  |
| Harrogate ...              | bbe       | bbe        | 51           | 38      | 7              | -            | 5.2       | 2.4                | Ross-on-Wye ...    | bec       | ph         | 56           | 40      | 1              | 0.3          | 8.1       | 2.6                |
| Scarborough ...            | b         | b          | 54           | 42      | 3              | -            | 7.0       | 6.9                | Bath ...           | bbe       | co         | 56           | 41      | 1              | -            | 7.8       | 2.7                |
| Skegness ...               | opc       | po         | 53           | 39      | 2              | 0.3          | 4.8       | 5.2                | Rhyl ...           | p         | be         | 49           | 42      | 3              | 0.1          | 7.0       | 1.5                |
| Lowestoft ...              | ocap      | ocp        | 52           | 40      | 5              | 0.4          | 5.5       | 5.7                | Colwyn Bay ...     | *         | *          | 51           | 42      | 2              | -            | 5.1       | 1.4                |
| Felixstowe ...             | ogap      | be         | 51           | 43      | 7              | 1            | 3.9       | 5.0                | Llandudno ...      | c         | be         | 51           | 43      | 2              | -            | 6.7       | 0.5                |
| Southend-on-Sea ...        | opc       | bcop       | 54           | 41      | 2              | 1            | 4.0       | 3.7                | Aberystwyth ...    | cbe       | bec        | 50           | 45      | 1              | -            | 8.0       | 0.3                |
| England, E.                |           |            |              |         |                |              |           |                    | Swansea ...        |           |            |              |         |                |              |           |                    |
| Tunbridge Wells ...        | opco      | beb        | 54           | 40      | 3              | 0.3          | 3.3       | 3.8                | Weymouth ...       | be        | be         | 56           | 41      | 1              | -            | 8.6       | 4.9                |
| Margate ...                | oc        | bep        | 54           | 40      | 1              | 0.1          | 2.9       | 3.7                | Teignmouth ...     | b         | b          | 54           | 43      | 0.4            | -            | 9.8       | 4.0                |
| Ramsgate ...               | *         | *          | 53           | 39      | 0.3            | -            | 4.5       | 2.8                | Torquay ...        | beq       | beq        | 55           | 42      | 1              | 0.4          | 10.8      | 6.9                |
| Folkestone ...             | o         | goco       | 58           | 42      | 1              | -            | 2.9       | 5.6                | Paignton ...       | beq       | p          | 54           | 40      | 1              | 0.3          | 10.9      | 6.0                |
| Hastings ...               | orabc     | okbe       | 53           | 40      | 1              | 0.4          | 2.8       | 4.1                | Penzance ...       | cbe       | be         | 54           | 45      | 2              | -            | 10.5      | 3.1                |
| Eastbourne ...             | bee       | beq        | 55           | 42      | 0.4            | 0.2          | 5.1       | 5.0                | Newquay ...        |           |            | 51           | 45      | 0.1            | -            | 10.0      | 0.5                |
| Brighton ...               | cpo       | cp         | 56           | 42      | 3              | 1            | 4.6       | 5.3                | Bude ...           | b         | b          | 52           | 44      | 0.2            | -            | 9.4       | 3.1                |
| Worthing ...               | be        | be         | 57           | 41      | -              | -            | 8.0       | 6.6                | Ilfracombe ...     | cbe       | bec        | 51           | 39      | 1              | -            | 8.6       | 2.3                |
| Littlehampton ...          | bep       | p.be       | 54           | 40      | 1              | -            | 6.7       | 5.8                | Weston-s-Mare ...  | cbe       | bec        | 54           | 42      | -              | -            | 7.0       | 3.0                |
| Portsmouth (S. of Sea) ... | -         | -          | 54           | 42      | 1              | 0.2          | 6.3       | 5.6                | Tenby ...          | be        | bbe        | 54           | 47      | 0.3            | -            | 10.8      | 5.0                |
| Bournemouth ...            | *         | *          | 54           | 41      | 3              | -            | 11.0      | 4.5                |                    |           |            |              |         |                |              |           |                    |
| Ventnor (I. of W.) ...     | *         | *          | 54           | 41      | 0.3            | -            | 9.1       | 6.5                |                    |           |            |              |         |                |              |           |                    |

## SUMMARIES FOR PAST 24 HOURS.

| STATIONS.                  | WEATHER. |          | TEMP.   |         | RAINFALL.    |                | SUN.   |       |
|----------------------------|----------|----------|---------|---------|--------------|----------------|--------|-------|
|                            | 7h-13h.  | 13h-18h. | Max. F. | Min. F. | Day. 7h-18h. | Night. 18h-7h. | Hours. | Home. |
| Eskdalemuir ...            | ocbe     | bcyop    | 54      | 31      | -            | -              | 6.3    |       |
| Valencia (Cahirciveen) ... | beep     | beo      | 52      | 46      | 45           | 6              | 6.3    |       |
| Baldonnel ...              | r. be    | q. pd    | 54      | -       | 34           | 2              | 11.0   |       |
| Didsbury ...               | cp       | beq      | -       | -       | -            | -              | -      |       |
| Falmouth ...               | beq      | beq      | 54      | 44      | 41           | 7              | 11.3   |       |
| Calshot (Hants) ...        | cabec    | opco     | 53      | 40      | 35           | -              | 8.8    |       |
| Lympne (Folkestone) ...    | ogap     | repq     | 51      | 37      | 37           | 6.0            | 3.6    |       |
| Aberdeen ...               | ofef     | ofop     | 48      | 38      | 29           | 0.2            | 1.5    |       |
| Howden ...                 | q. p.    | p. r.    | 53      | 35      | -            | -              | -      |       |
| Cranwell (Lincoln) ...     | caprh    | prico    | 51      | 36      | -            | 3              | 4.5    |       |
| Felixstowe ...             | cap      | p. be    | 52      | 40      | -            | -              | -      |       |
| Shoeburyness ...           | ocbe     | beq      | 54      | 38      | 29           | 1              | 4.5    |       |
| Benson ...                 | ocbe     | be       | 52      | 34      | 28           | 0.2            | -      |       |
| S. Farnborough ...         | caprh    | heopbe   | 50      | 34      | 25           | 0.2            | 4.8    |       |
| London (Kew Obs.) ...      | oc       | capcy    | 54      | 37      | 27           | 0.2            | 3.4    |       |
| Croydon ...                | ofodor   | omp      | 52      | 37      | -            | -              | -      |       |

## BEAUFORT NOTATION.

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

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

## THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.

Limits of Velocity at about 10 feet above ground.

| No. | Statute miles per hour. | Meters per second. |
|-----|-------------------------|--------------------|
| 0   | Less than 1             | Less than 0.3      |
| 1   | 1-3                     | 0.3-1.5            |
| 2   | 4-7                     | 1.5-3.0            |
| 3   | 8-12                    | 3.0-5.4            |
| 4   | 13-18                   | 5.4-7.9            |
| 5   | 19-24                   | 8.0-10.7           |
| 6   | 25-31                   | 10.8-13.8          |
| 7   | 32-38                   | 13.9-17.1          |
| 8   | 39-46                   | 17.2-20.7          |
| 9   | 47-54                   | 20.8-24.4          |
| 10  | 55-63                   | 24.5-28.4          |
| 11  | 64-75                   | 28.5-33.5          |
| 12  | Above 75                | 33.6 or above      |

## SYMBOLS.

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

## LONDON OBSERVATIONS.

|                                | Morning                       | Afternoon | Night     | F. | F. | F. | mm | Hours     | G.M.T    | G.M.T. |
|--------------------------------|-------------------------------|-----------|-----------|----|----|----|----|-----------|----------|--------|
|                                | 24 HOURS ENDED IN G.M.T. 22nd |           |           |    |    |    |    | YESTERDAY |          | TO-DAY |
| Greenwich (Royal Observatory)  | c. o. c.                      | c. be     | sc. b. be | 55 | 35 | 32 | -  | 2.7       | 60       | 61     |
| City (Bunhill Row)             | *                             | *         | be        | 54 | 37 | *  | *  | 3.0       | *        | *      |
| Westminster (St. James's Park) | *                             | *         | b. be     | 55 | 41 | 31 | -  | 3.5       | 61       | 60     |
| " (Admiralty Arch)             | o                             | b. c.     | b. b. be  | 55 | 41 | -  | -  | 3.8       | 61       | 67     |
| Camden Sq. (British Rainfall)  | c. o. c.                      | be        | *         | 55 | 37 | 31 | -  | *         | 69       | 65     |
| Kensington Palace              | c. o. c.                      | c         | *         | 54 | 35 | 30 | -  | *         | 63 (18h) | 68     |
| Hamstead Observatory           | *                             | *         | *         | 52 | 37 | 31 | -  | 3.1       | *        | 67     |

## SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.

Total 1039 Joules.

Average Rate 24 Milliunits.

Maximum Rate 74

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

22nd &amp; 23rd April 1920.

| Stations.    | Sunrise. | Noon.  | Sunset. |
|--------------|----------|--------|---------|
|              | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ... | 4.43     | 11.52  | 7.0     |
| Greenwich    | 4.41     | 11.51  | 7.1     |
| Wick         | 4.53     | 11.59  | 7.5     |
| Valencia ... | 4.51     | 11.58  | 7.6     |
|              | 4.45     | 12.11  | 7.36    |
|              | 4.43     | 12.19  | 7.39    |
|              | 5.33     | 12.40  | 7.48    |
|              | 5.31     | 12.39  | 7.46    |

## NOTES ON THE WEATHER OF YESTERDAY.

Temperature remained below 50° at some Northern stations and did not greatly exceed 50° over the Kingdom generally, but at many places in the South it rose to about 55°, at Worthing to 57° and at Folkestone to 58°. The lowest minimum of the night was 31° at Eskdalemuir and 34° in the South-East of England. Bright sunshine was more prevalent than of late. Many South-Western stations recorded about 11 hrs, Nottingham, Malin Head and Birr Castle about 9 hrs. Along the Eastern seaboard of Gt. Britain the records were small only 0.3 hrs. at Nairn. Showers fell very generally but the largest measurements were 7 mm. at Falmouth, 6 mm. at Scilly and in the South or Ireland.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B21537

FRIDAY, 23<sup>rd</sup> APRIL

1920.

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

| STATIONS.              | BAROM.                       | ↓                  | WIND. |             | Weather | TEMP. | Humidity. | Visibility | Height of Low Cloud. | Low Cloud. | Upper Cloud | Sea  | BAROM.                          | ↓      | WIND. |            | Weather | TEMP.     | Humidity. | Visibility. | Height of Low Cloud. | Low Cloud.         | Upper Cloud | Sea  |             |     |       |       |            |       |       |            |      |
|------------------------|------------------------------|--------------------|-------|-------------|---------|-------|-----------|------------|----------------------|------------|-------------|------|---------------------------------|--------|-------|------------|---------|-----------|-----------|-------------|----------------------|--------------------|-------------|------|-------------|-----|-------|-------|------------|-------|-------|------------|------|
|                        | at M.S.L.                    | Change in 3 hours. | Dir.  | Force 0-12. |         | °F.   |           |            |                      | Feet.      | Form.       |      | Amt. 0-10.                      | Feet.  | Form. | Amt. 0-10. |         | at M.S.L. |           |             |                      | Change in 3 hours. | Dir.        |      | Force 0-12. | °F. | Feet. | Form. | Amt. 0-10. | Feet. | Form. | Amt. 0-10. | 0-9. |
|                        | mb.                          |                    |       |             |         |       |           |            |                      |            |             |      |                                 |        |       |            |         |           |           |             |                      | mb.                |             |      |             |     |       |       |            |       |       |            |      |
|                        | 13H. G.M.T. 22 <sup>nd</sup> |                    |       |             |         |       |           |            |                      |            |             |      | 18H. G.M.T. OF 22 <sup>nd</sup> |        |       |            |         |           |           |             |                      |                    |             |      |             |     |       |       |            |       |       |            |      |
| Eskdalemuir            | 1012.6                       | -2                 | SE    | 4           | om      | 41    | 92        | 5          | 2000                 | Nb         | 10          | -    | 1013.7                          | +1     | N     | 2          | om      | 45        | 85        | 5           | 1250                 | Scn                | 7           | A.Sc | 3           | *   |       |       |            |       |       |            |      |
| Valencia (Cabre'n)     | 1013.3                       | +12                | WNW   | 5           | om      | 51    | 85        | 7          | 1250                 | Sc         | 10          | -    | 1017.6                          | +7     | WNW   | 5          | C       | 49        | 75        | 8           | 3000                 | Cu                 | 4           | A.Cu | 3           | 4   |       |       |            |       |       |            |      |
| Baldonnel              | 1009.7                       | 0                  | W     | 4           | or. q   | 53    | 92        | 6          | 1500                 | Sc         | 10          | -    | 1013.1                          | +5     | WNW   | 3          | 0       | 54        | 85        | 6           | 750                  | Sc                 | 10          | -    | -           | *   |       |       |            |       |       |            |      |
| Didsbury               | 1013.0                       | -4                 | S     | 5           | om      | 47    | *         | 4          | 1250                 | Nb         | 10          | -    | 1012.5                          | 0      | S     | 4          | o.c.m.  | 49        | *         | 3           | 750                  | Nb                 | 10          | -    | -           | *   |       |       |            |       |       |            |      |
| Falmouth               | 1015.4                       | +1                 | W     | 3           | 0       | 54    | 92        | 7          | -                    | Nb         | 10          | -    | 1015.0                          | 0      | WNW   | 4          | 0       | 53        | 85        | 6           | -                    | Scn                | 10          | -    | -           | *   |       |       |            |       |       |            |      |
| Calshot (Hants)        | 1018.3                       | -3                 | S     | 4           | 0       | 50    | 85        | 8          | 2000                 | Sc         | 10          | -    | 1015.7                          | -2     | S     | 4          | or. 3f  | 49        | 97        | 3           | 750                  | Nb                 | 10          | -    | -           | 3   |       |       |            |       |       |            |      |
| Lymington (Folkestone) | 1018.4                       | -1                 | SW    | 5           | C       | 53    | 65        | 8          | 3000                 | F.Cu       | 4           | Ci   | 4                               | 1017.2 | -3    | SSW        | 3       | or.       | 48        | 85          | 8                    | 1200               | Sc          | 9    | A.Sc        | 1   | *     |       |            |       |       |            |      |
| Aberdeen               | 1013.6                       | 0                  | S     | 2           | CZ      | 50    | 65        | 6          | -                    | -          | A.Cu        | 8    | 3                               | 1015.1 | +3    | SSW        | 3       | bcz       | 45        | 75          | 5                    | -                  | Scn         | 6    | -           | -   | 3     |       |            |       |       |            |      |
| Howden                 | 1015.3                       | -3                 | SSE   | 4           | om      | 46    | 92        | 5          | 750                  | Nb         | 10          | -    | 1014.9                          | 0      | SSE   | 4          | or. q   | 46        | 97        | 5           | 750                  | Nb                 | 10          | -    | -           | *   |       |       |            |       |       |            |      |
| Granwell (Lines)       | 1016.9                       | -3                 | S     | 4           | or.     | 47    | 92        | 6          | 2000                 | Nb         | 10          | -    | 1015.7                          | -1     | S     | 4          | or. 3f  | 46        | 97        | 5           | 1250                 | Nb                 | 10          | -    | -           | *   |       |       |            |       |       |            |      |
| Felixstowe             | 1020.2                       | -2                 | S     | 4           | b       | 55    | 75        | 7          | 1200                 | F.Cu       | 2           | Ci   | 2                               | 1019.1 | 0     | SSW        | 4       | or.       | 48        | 75          | 6                    | 2000               | Sc          | 7    | -           | -   | *     |       |            |       |       |            |      |
| Shoeburyness           | 1019.5                       | -2                 | SSW   | 3           | bc      | 50    | 85        | 7          | 4200                 | Cu         | 3           | A.Cu | 3                               | 1018.3 | -1    | SW         | 1       | or.       | 47        | 75          | 6                    | 2000               | Sc          | 10   | -           | -   | *     |       |            |       |       |            |      |
| Benson                 | 1016.3                       | -3                 | S     | 5           | or.     | 48    | 95        | 5          | -                    | Nb         | 10          | -    | 1014.6                          | -3     | S     | 3          | 0       | 47        | 97        | 3           | -                    | Nb                 | 10          | -    | -           | *   |       |       |            |       |       |            |      |
| S. Farnborough         | 1018.1                       | -3                 | SSW   | 4           | or.     | 50    | 85        | 7          | 1250                 | Nb         | 10          | -    | 1016.1                          | -3     | S     | 4          | or.     | 47        | 97        | 5           | 750                  | Nb                 | 10          | -    | -           | *   |       |       |            |       |       |            |      |
| London (Kew Obs.)      | 1018.4                       | -4                 | S     | 4           | 0       | 53    | 65        | 8          | 3000                 | Sc         | 3           | A.Sc | 7                               | 1016.4 | -2    | SSE        | 3       | or        | 47        | 92          | 5                    | 2000               | Sc          | 10   | -           | -   | *     |       |            |       |       |            |      |
| Croydon                | 1019.1                       | 0                  | SSW   | 3           | om      | 50    | 75        | 7          | 3000                 | F.Cu       | 4           | A.Sc | 6                               | 1016.9 | -2    | S          | 2       | or. 2     | 45        | 97          | 5                    | 750                | Nb          | 10   | -           | -   | *     |       |            |       |       |            |      |

| STATIONS.              | 1H. G.M.T. OF 23 <sup>rd</sup> |        |      |       |         |       |          |        |       |       |       |       |       |        | 7H. G.M.T. OF 23 <sup>rd</sup> |      |       |         |       |          |        |       |       |       |       |    |   |  |
|------------------------|--------------------------------|--------|------|-------|---------|-------|----------|--------|-------|-------|-------|-------|-------|--------|--------------------------------|------|-------|---------|-------|----------|--------|-------|-------|-------|-------|----|---|--|
|                        | Barom.                         | Change | Wind | Force | Weather | Temp. | Humidity | Visib. | Cloud | Cloud | Cloud | Cloud | Cloud | Barom. | Change                         | Wind | Force | Weather | Temp. | Humidity | Visib. | Cloud | Cloud | Cloud | Cloud |    |   |  |
| Eskdalemuir            | 1018.2                         | +3     | -    | 0     | bmw     | 37    | 92       | 4      | -     | -     | -     | -     | -     | 1021.0 | +3                             | -    | 0     | bcx     | 39    | 85       | 7      | -     | -     | -     | Ci    | 6  | * |  |
| Valencia (Cahire's)    | 1022.0                         | 0      | W    | 2     | bc      | 48    | *        | *      | *     | *     | *     | *     | *     | 1022.8 | +1                             | SSE  | 3     | Op      | 46    | 92       | 7      | 5,700 | Scn   | 7     | A.Sc  | 3  | 3 |  |
| Baldonnel              | 1020.4                         | +6     | NW   | 4     | Cg      | 45    | 92       | 5      | 1250  | Sc    | 7     | A.Sc  | 1     | 1022.6 | +1                             | -    | 0     | 03      | 41    | 92       | 5      | -     | -     | -     | Ci    | 9  | * |  |
| Didsbury               | *                              | *      | *    | *     | *       | *     | *        | *      | *     | *     | *     | *     | *     | 1019.8 | +1                             | NW   | 2     | 03f     | 48    | *        | 2      | 2,000 | Sc    | 9     | -     | -  | * |  |
| Falmouth               | *                              | *      | *    | *     | *       | *     | *        | *      | *     | *     | *     | *     | *     | 1021.4 | +3                             | N    | 2     | Om      | 49    | 92       | 5      | -     | Scn   | 9     | -     | -  | * |  |
| Calshot (Hants)        | 1018.8                         | +3     | NW   | 1     | b       | 48    | 97       | 6      | -     | Scn   | 1     | -     | -     | 1019.8 | +5                             | NNW  | 2     | 03      | 50    | 92       | 5      | 1250  | Scn   | 10    | -     | -  | 1 |  |
| Lymington (Folkestone) | 1016.7                         | 0      | -    | 0     | 05f     | 50    | 97       | 1      | 4500  | Sc    | 10    | -     | -     | 1019.8 | +3                             | SSW  | 1     | af      | 48    | 97       | 2      | 4500  | Sc    | 10    | -     | -  | * |  |
| Aberdeen               | *                              | *      | *    | *     | *       | *     | *        | *      | *     | *     | *     | *     | *     | 1020.2 | +2                             | NNW  | 2     | bj      | 44    | 85       | 7      | -     | -     | -     | -     | -  | 3 |  |
| Howden                 | 1016.2                         | +1     | SSE  | 1     | 01f     | 46    | 97       | 5      | 1250  | Sc    | 10    | -     | -     | 1019.5 | +4                             | NNE  | 2     | 3f      | 45    | 97       | 3      | 750   | Sc    | 10    | -     | -  | * |  |
| Granwell (Lines)       | 1017.8                         | +2     | S    | 2     | 02f     | 45    | 97       | 4      | 1250  | Sc    | 10    | -     | -     | 1019.9 | +4                             | NW   | 1     | 03f     | 49    | 97       | 3      | 750   | Sc    | 10    | -     | -  | * |  |
| Felixstowe             | *                              | *      | *    | *     | *       | *     | *        | *      | *     | *     | *     | *     | *     | 1020.4 | 0                              | SE   | 3     | 01f     | 50    | 92       | 5      | 1250  | Sc    | 10    | -     | -  | 2 |  |
| Shoeburyness           | *                              | *      | *    | *     | *       | *     | *        | *      | *     | *     | *     | *     | *     | 1019.9 | +4                             | -    | 0     | 0       | 50    | 85       | 7      | 750   | Sc    | 9     | -     | -  | * |  |
| Benson                 | *                              | *      | *    | *     | *       | *     | *        | *      | *     | *     | *     | *     | *     | 1019.4 | +4                             | -    | 0     | 02f     | 48    | 97       | 3      | -     | Sc    | 10    | -     | -  | * |  |
| S. Farnborough         | *                              | *      | *    | *     | *       | *     | *        | *      | *     | *     | *     | *     | *     | 1019.5 | +5                             | NNE  | 2     | 03f     | 49    | 97       | 3      | 750   | Nb    | 10    | -     | -  | * |  |
| London (M.O. at 1H.)   | 1016.8                         | 0      | *    | *     | *       | *     | *        | *      | *     | *     | *     | *     | *     | 1019.8 | +5                             | -    | 0     | 03f     | 50    | 97       | 3      | -     | -     | -     | A.Sc  | 10 | * |  |
| Croydon                | 1017.1                         | 0      | S    | 2     | 00f     | 48    | 97       | 4      | 4500  | Nb    | 10    | -     | -     | 1020.0 | +5                             | -    | 0     | 03f     | 49    | 97       | 3      | 750   | Sc    | 10    | -     | -  | * |  |

## STATIONS CONTRIBUTING REPORTS AT 7H. AND 13H.

| 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.                             |       |        |             |          | mb.                            |                    |              |                     |        |                                     |                        |          |          |              |                  |          |          |            |          |                 |
|                              | 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                      | 1011.4                          | 44    | W      | 3           | bcmp     | 1015.5                         | +2                 | 44           | +4                  | SN     | 2                                   | -                      | b        | 1        | 1            | 48               | 37       | omp      | bcmp       | omp      | *               |
| Stornoway                    | 1016.1                          | 48    | NW     | 3           | b        | 1020.2                         | +1                 | 45           | -                   | E      | 2                                   | -                      | 0        | 2        | 0.4          | 48               | 40       | 0        | ocb        | b.p.p.   | 3.6             |
| Castellbay (Barra's)         | 1014.6                          | 49    | N      | 2           | bz       | 1020.6                         | +3                 | 39           | -2                  | N      | 1                                   | NW                     | bz       | *        | 2            | 49               | 36       | opm      | oc.bcz     | bc.bmx   | 1.5             |
| Glasgow                      | 1015.1                          | 46    | NNW    | 2           | bc       | 1020.2                         | +1                 | 44           | +2                  | SE     | 2                                   | SE                     | C        | 1        | -            | 48               | 42       | om       | C          | C        | 3.3             |
| Main Head                    | 1016.6                          | 45    | N      | 3           | bc       | 1020.9                         | 0                  | 46           | -4                  | -      | 0                                   | -                      | omd      | 1        | 0.4          | 51               | 42       | omd      | bc         | bc.ond   | *               |
| Blackod Point                | 1014.8                          | 53    | WNW    | 3           | 0        | 1023.2                         | +3                 | 44           | -7                  | W      | 2                                   | NW                     | 0        | 2        | 0.2          | 58               | 42       | oco      | 0          | oc.ow    | *               |
| Loche's Point                | 1014.6                          | 52    | NN     | 2           | C        | 1022.5                         | *                  | 41           | -9                  | NN     | 1                                   | -                      | C        | *        | 0.4          | 55               | 38       | C.04f    | C          | C.C      | 0.4             |
| Port Castle                  | 1013.3                          | 46    | ENE    | 3           | om       | 1020.8                         | +3                 | 43           | 0                   | NNW    | 3                                   | -                      | bc       | 7        | 46           | 37               | omd      | om       | bc         | *        |                 |
| Portmahadree                 | 1012.5                          | 50    | SSE    | 1           | 0        | 1020.4                         | +3                 | 45           | +2                  | NNW    | 3                                   | -                      | b        | 3        | 6            | 52               | 43       | ro       | op.        | op.b     | 0.0             |
| Liverpool (Bidston)          | 1011.8                          | 50    | SSW    | 2           | C        | 1020.9                         | +2                 | 45           | 0                   | NNE    | 4                                   | -                      | b        | 3        | 4            | 52               | 43       | odam     | fc.pdo     | op.f.b   | 0.0             |
| Polylhead                    | 1012.6                          | 49    | W      | 2           | 0        | 1021.0                         | +3                 | 46           | -1                  | N      | 2                                   | N                      | C        | 2        | 2            | 51               | 45       | odmof    | bco        | b.c      | 1.0             |
| Southbrook (St. Ann's Head)  | 1016.2                          | 51    | WNW    | 4           | om       | 1022.3                         | +3                 | 49           | -1                  | N      | 1                                   | -                      | b        | 3        | 0.2          | 55               | 48       | fecom    | om         | bc.b     | 1.2             |
| Silly (St. Mary's)           | 1016.4                          | 51    | SSW    | 3           | odm      | 1019.6                         | +1                 | 51           | +3                  | NNW    | 3                                   | -                      | 0        | 2        | 3            | 51               | 47       | opo      | odm        | odm.o    | 0.0             |
| Loche's Point                | 1014.4                          | 50    | SW     | 5           | rf       | 1019.4                         | +4                 | 50           | 0                   | N      | 4                                   | N                      | bc       | 4        | 2            | 52               | 45       | omr      | omr        | o.bc     | *               |
| Portland Bill                | 1017.7                          | 50    | SSW    | 2           | C        | 1019.0                         | +2                 | 50           | +5                  | SSW    | 2                                   | -                      | 0        | 2        | 3            | 54               | 44       | bc       | bc         | C.or.c.o | *               |
| Dunneen                      | 1014.4                          | 44    | SSW    | 2           | cd       | 1018.3                         | +3                 | 41           | 0                   | N      | 1                                   | -                      | bc       | 2        | 1            | 49               | 34       | bcom     | omd        | cd.bc    | *               |
| Wick                         | 1014.4                          | 46    | -      | 0           | r        | 1020.3                         | *                  | 41           | -2                  | -      | 0                                   | -                      | bc       | 1        | 0.3          | 56               | 33       | obcc     | ?          | C.bcx    | 4.3             |
| Leith                        | 1013.6                          | 48    | E      | 1           | b        | 1020.2                         | +1                 | 42           | -1                  | SN     | 1                                   | N                      | cm       | 2        | 0.2          | 52               | 40       | od.o     | o.c.o.bj   | bc.m.c   | *               |
| Portsmouth                   | 1014.2                          | 44    | SE     | 2           | om       | 1020.0                         | +3                 | 38           | -3                  | NW     | 2                                   | -                      | bcf      | 2        | 2            | 45               | 37       | omr      | omr        | om.bcm   | *               |
| Portsmouth Head              | 1014.8                          | 48    | S      | 5           | om       | 1018.8                         | +2                 | 47           | +1                  | N      | 2                                   | -                      | f        | 3        | 2            | 53               | 44       | bcog     | om         | o.f.m    | *               |
| Portsmouth (Cor. Lighthouse) | 1017.8                          | 50    | SSW    | 5           | C        | 1019.3                         | +1                 | 49           | +8                  | S      | 2                                   | -                      | ov       | 1        | 2            | 52               | 41       | bc.bca   | C          | C.omy    | 9.0             |
| Portsmouth-on-Sea            | 1018.5                          | 50    | S      | 3           | r        | 1020.1                         | +4                 | 50           | +5                  | SSE    | 2                                   | -                      | ob       | 1        | 2            | 54               | 45       | bc       | bccop      | og.bog   | 8.8             |
| Birmingham                   | 1014.6                          | 47    | S      | 2           | 0        | 1019.6                         | *                  | 49           | +8                  | W      | 1                                   | SN                     | f        | *        | 5            | 50               | 41       | cor      | ro         | 0        | 0.7             |



# SUMMARY OF CONDITIONS AT 7h G.M.T. Friday 23rd, April, 1920.

| Districts.                   | Wind.<br>Velocity in m.p.h. | Temperature. | Weather, Cloud and Precipitation. | Visibility. | Sea.     |
|------------------------------|-----------------------------|--------------|-----------------------------------|-------------|----------|
| 1. S.E. England              | Var.Light.                  | Warm.        | Dull,misty.                       | V.Poor.     | Smooth.  |
| 2. E. England                | SE-S 0-10                   | "            | Dull.                             | Good.       | "        |
| 3. E. Midlands               | Var.Light                   | "            | Dull,misty.                       | V.Poor.     | -        |
| 4. W. Midlands               | W-N 0-5                     | "            | Dull.                             | Indif.      | -        |
| 5. S.W. England              | W-N 2-10                    | R.Warm.      | Fine to dull.                     | "           | Slight.  |
| 6. South Wales               | N'ly 5                      | "            | Cloudy.                           | "           | Smooth.  |
| 7. North Wales               | W-N 10-15                   | Normal.      | Fine.                             | "           | Slight.  |
| 8. N.W. England              | W'ly.5-10                   | R.Warm.      | Fine to dull.                     | "           | "        |
| 9. N. Midlands               | W'ly 0-5                    | "            | Dull,some fog.                    | V.Poor.     | -        |
| 10. N.E. England             | W-N 2-5                     | Normal       | Fair,foggy.                       | "           | Smooth.  |
| 11. E. Scotland              | W'ly 0-5                    | "            | Fine to cloudy.                   | Good.       | Slight.  |
| 12. S.W. Scotland            | W'ly.Light.                 | "            | Fine.                             | "           | Smooth.  |
| 13. Isle of Man              | W-N.Light.                  | "            | Fair.                             | Indif.      | "        |
| 14. N.&N.W.Scot-<br>land     | W'ly.0-5                    | "            | Fair.                             | "           | "        |
| 15. Hebrides                 | W'ly.0-5                    | "            | Fair.                             | "           | "        |
| 16. Orkneys and<br>Shetlands | SW'ly.5                     | R.Warm.      | Fine to fair.                     | "           | V.Smooth |
| 17. N.W. Ireland             | Var.Light.                  | Normal.      | Dull to cloudy,some<br>drizzle    | Poor        | "        |
| 18. N.E. Ireland             | SE-W 5-10                   | "            | Fair to cloudy.                   | Indif.      | "        |
| 19. S.E. Ireland             | W'ly 0-5                    | "            | Dull.                             | "           | Smooth.  |
| 20. S.W. Ireland             | SE-W 5-10                   | "            | Dull,showery.                     | Good.       | Slight.  |

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

As the depression over the Eastern half of England moves away or disperses the weather will improve temporarily, but as the wind at Valencia seems to indicate the early approach of another disturbance from the Atlantic, no settled spell of weather is to be expected.

**EXPLANATION.**  
 BAROMETER.—Isobars are drawn at intervals of two millibars.  
 WIND.—Direction is shown by a 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 one degree.  
 WEATHER SYMBOLS.—  
 ☉ clear sky. ☁ sky & clouds. ☂ overcast sky. ☄ rain. ⚡ snow. ⚡ ball. ⚡ fog. ⚡ thunder. ⚡ thunder.  
 SEA DISTURBANCE.—  
 Rough. High.

## Further Outlook.

| Districts.                   | Forecasts for the 24 hours commencing 3 p.m. 15h G.M.T. Friday, 23rd April, 1920.                                                                                                                 |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. S.E. England              | Wind light Northerly, then backing to West or South-West. Cloudy, then fine. Visibility mainly fair to good. No important change of temperature.                                                  |
| 2. E. England                |                                                                                                                                                                                                   |
| 3. E. Midlands               |                                                                                                                                                                                                   |
| 4. W. Midlands               |                                                                                                                                                                                                   |
| 5. S.W. England              | Wind North and North-West, backing to west or South-West, light to moderate. Fine, then dull, with some rain or showers. Visibility good, then deteriorating. No important change of temperature. |
| 6. South Wales               |                                                                                                                                                                                                   |
| 7. North Wales               |                                                                                                                                                                                                   |
| 8. N.W. England              |                                                                                                                                                                                                   |
| 9. N. Midlands               | Same as 1 to 4.                                                                                                                                                                                   |
| 10. N.E. England             |                                                                                                                                                                                                   |
| 11. E. Scotland              | Wind West to South-West or South, light. Mainly fair, then dull, some rain. Visibility fair or good generally. Temperature rising somewhat.                                                       |
| 12. S.W. Scotland            |                                                                                                                                                                                                   |
| 13. Isle of Man              |                                                                                                                                                                                                   |
| 14. N.&N.W.Scot-<br>land     |                                                                                                                                                                                                   |
| 15. Hebrides                 |                                                                                                                                                                                                   |
| 16. Orkneys and<br>Shetlands |                                                                                                                                                                                                   |
| 17. N.W. Ireland             | Wind between West and South, light or moderate; much cloud, rainy or showery, mist locally. Visibility fair to indifferent. Temperature rising somewhat.                                          |
| 18. N.E. Ireland             |                                                                                                                                                                                                   |
| 19. S.E. Ireland             |                                                                                                                                                                                                   |
| 20. S.W. Ireland             |                                                                                                                                                                                                   |

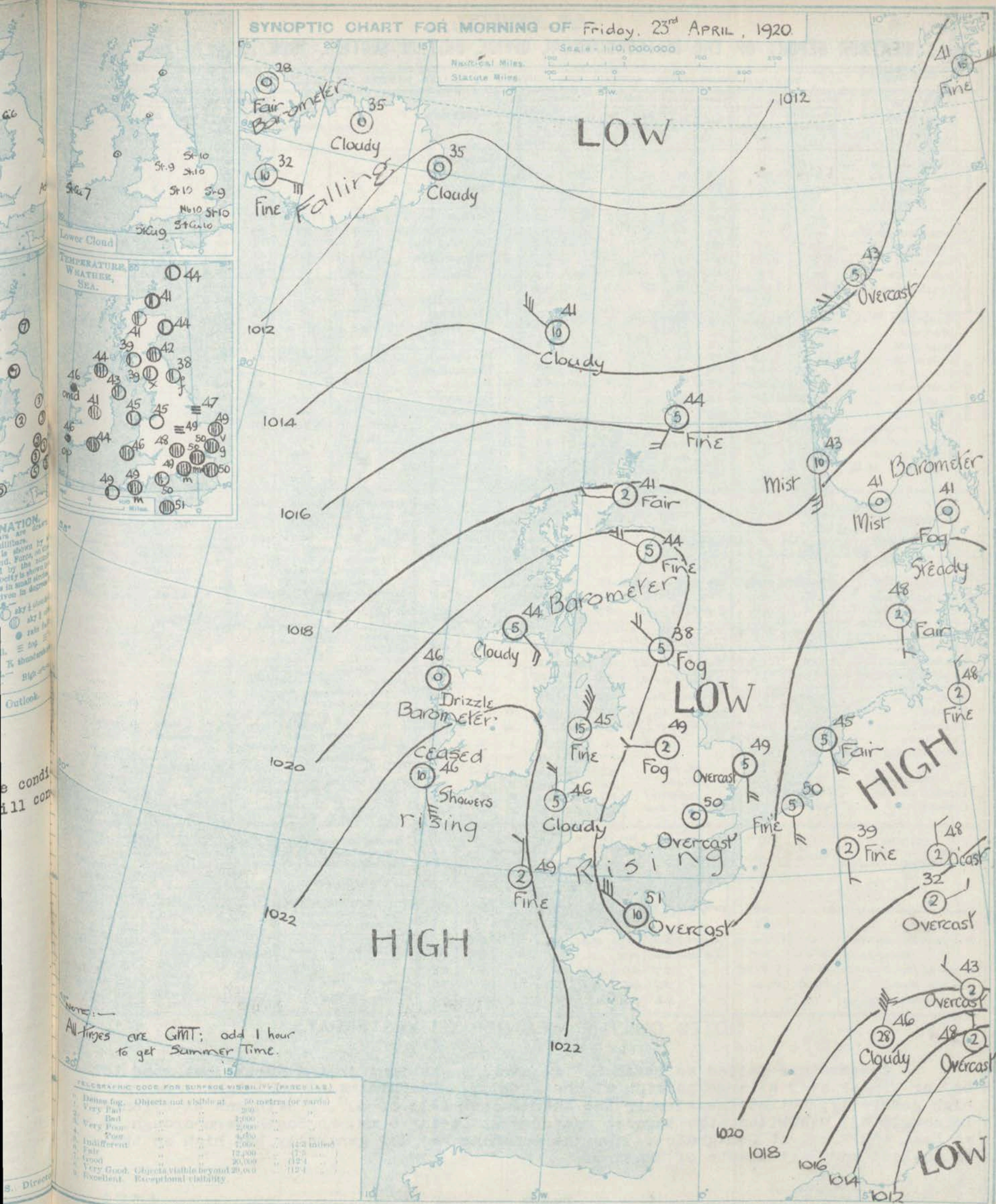
Unstable conditions will continue.



# SYNOPTIC CHART FOR MORNING OF Friday, 23<sup>rd</sup> APRIL, 1920.

Nautical Miles.  
Statute Miles.

Scale - 1:10,000,000



Note: All times are GMT; add 1 hour to get Summer Time.

## TELEGRAPHIC CODE FOR SURFACE VISIBILITY (BASED I.A.S.)

| Base fog.   | Objects not visible at        | 50 metres (or yards) |
|-------------|-------------------------------|----------------------|
| Very Bad    | "                             | 200                  |
| Bad         | "                             | 1,000                |
| Very Poor   | "                             | 2,000                |
| Poor        | "                             | 4,000                |
| Indifferent | "                             | 7,000                |
| Fair        | "                             | 12,000               |
| Good        | "                             | 20,000               |
| Very Good.  | Objects visible beyond 20,000 | (12-1)               |
| Excellent.  | Exceptional visibility        | (12-1)               |



| 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.<br>° F. | Min.<br>° F. | Night.<br>17h-22h. | Day.<br>9h-17h. | to 17h.   | Sunrise<br>to Sun-<br>set. |                  |                       | Forenoon. | Afternoon. | Max.<br>° F. | Min.<br>° F. | Night.<br>17h-22h. | Day.<br>9h-17h. | to 17h.   | Sunrise<br>to Sun-<br>set. |
|                                                                                    |                             |           |            |              |              |                    |                 |           |                            |                  |                       |           |            |              |              |                    |                 |           |                            |
| Scotland.                                                                          | Oban ... ..                 |           |            |              |              |                    |                 |           |                            | England,<br>N.W. | Douglas (I.O.M.)      |           |            |              |              |                    |                 |           |                            |
|                                                                                    | Banff ... ..                | b.bbc     | gr         | 53           | 36           | 0.1                | 1               | 3.4       | 4.2                        |                  | Blackpool ... ..      | or        | o          | 50           | 41           | 2                  | 6               | 0.0       | 7.4                        |
|                                                                                    | Montrose ... ..             | bco       | of         | 50           | 37           | 1                  | -               | 1.9       | 1.9                        |                  | Southport ... ..      | r         | rb         | 51           | 41           | 3                  | 2               | 0.0       | 6.8                        |
|                                                                                    | St. Andrews ... ..          |           |            |              |              |                    |                 |           |                            |                  |                       |           |            |              |              |                    |                 |           |                            |
| England,<br>N.E.                                                                   | Harrogate ... ..            | or        | or         | 45           | 36           | -                  | 6               | 0.0       | 7.2                        | Midlands.        | Buxton ... ..         | bcbcr     | condr      | 45           | 37           | -                  | 9               | 0.0       | 4.8                        |
|                                                                                    | Scarborough ... ..          | o         | or         | 49           | 39           | -                  | 2               | 0.0       | 7.0                        |                  | Leamington Spa ... .. | becbo     | or         | 49           | 35           | -                  | 3               | 1.4       | 1.7                        |
|                                                                                    | Skegness ... ..             | b.bco     | or         | 53           | 35           | -                  | 2               | 3.0       | 4.8                        |                  | Malvern ... ..        | o         | o          | 48           | 40           | -                  | 2               | 0.0       | 6.0                        |
|                                                                                    | Lowestoft ... ..            | bbc       | bcco       | 54           | 37           | -                  | -               | 9.4       | 3.5                        |                  | Ross-on-Wye ... ..    | opdor     | opdo       | 51           | 41           | -                  | 2               | 0.0       | 9.5                        |
| England, E.                                                                        | Felixstowe ... ..           | bc        | eg         | 54           | 40           | -                  | -               | 9.5       | 3.9                        | Wales.           | Bath ... ..           | op        | op         | 51           | 41           | -                  | 1               | 0.0       | 8.9                        |
|                                                                                    | Southend-on-Sea ... ..      | bc        | bcc or     | 58           | 39           | 0.1                | 0.3             | 7.4       | 4.5                        |                  | Rhyl ... ..           | r         | c          | 54           | 41           | 1                  | 3               | 0.0       | 8.1                        |
|                                                                                    |                             |           |            |              |              |                    |                 |           |                            |                  | Colwyn Bay ... ..     | *         | *          | 54           | 44           | -                  | 4               | 0.0       | 5.1                        |
|                                                                                    |                             |           |            |              |              |                    |                 |           |                            |                  | Llandudno ... ..      | rr        | oco        | 56           | 41           | 3                  | 4               | 0.4       | 7.3                        |
| England, S.E.                                                                      | Tunbridge Wells ... ..      | b.b.c.    | copor      | 54           | 34           | 0.3                | 1               | 5.2       | 3.5                        | Wales,<br>S.W.   | Aberystwyth ... ..    | oco       | c.ro       | 53           | 47           | -                  | 1               | 0.0       | 8.3                        |
|                                                                                    | Margate ... ..              | b         | bbc        | 56           | 39           | -                  | -               | 8.7       | 2.9                        |                  | Swansea ... ..        |           |            |              |              |                    |                 |           |                            |
|                                                                                    | Ramsgate ... ..             | *         | *          | 55           | 36           | -                  | -               | 9.3       | 4.5                        |                  | Weymouth ... ..       | oro       | rf         | 51           | 44           | 1                  | 6               | 0.0       | 9.7                        |
|                                                                                    | Folkestone ... ..           | b.c.b.    | bcco       | 55           | 41           | -                  | -               | 9.8       | 3.0                        |                  | Teignmouth ... ..     | oro       | o          | 55           | 44           | 1                  | 1               | 0.0       | 11.0                       |
|                                                                                    | Hastings ... ..             | rc.b.c.b. | bco        | 54           | 40           | 0.2                | -               | 7.9       | 4.4                        | England, S.W.    | Torquay ... ..        | ord       | od         | 54           | 45           | 0.4                | 1               | 0.0       | 12.1                       |
|                                                                                    | Eastbourne ... ..           | bc        | bccor      | 55           | 39           | 1                  | 0.4             | 6.5       | 5.9                        |                  | Paignton ... ..       | od        | odc        | 55           | 42           | 1                  | 1               | 0.0       | 12.4                       |
|                                                                                    | Brighton ... ..             | b.bcco    | or         | 53           | 39           | -                  | 1               | 4.9       | 6.1                        |                  | Penzance ... ..       | odbab     | co         | 56           | 46           | 10                 | 1               | 0.3       | 11.0                       |
|                                                                                    | Worthing ... ..             | bcc       | or         | 54           | 36           | 1                  | 1               | 2.0       | 8.0                        |                  | Newquay ... ..        | omofd     | e.bco      | 54           | 45           | 5                  | 1               | 0.5       | 10.1                       |
|                                                                                    | Littlehampton ... ..        | bc        | or         | 53           | 36           | -                  | 2               | 4.5       | 9.1                        |                  | Bude ... ..           | oroc      | o          | 52           | 43           | 1                  | 1               | 0.0       | 9.6                        |
|                                                                                    | Portsmouth (S. thea) ... .. | -         | -          | 52           | 40           | -                  | 4               | 0.5       | 6.3                        |                  | Ilfracombe ... ..     | odm       | om         | 54           | 40           | 2                  | 1               | 0.0       | 9.4                        |
|                                                                                    | Bournemouth ... ..          | *         | *          | 50           | 40           | -                  | 3               | 0.0       | 11.0                       |                  | Weston-s-Mare ... ..  | ro        | or         | 52           | 42           | 2                  | 2               | 0.0       | 7.0                        |
|                                                                                    | Ventnor (I. of W.) ... ..   | *         | *          | 53           | 42           | -                  | 4               | 1.0       | 10.5                       |                  | Tenby ... ..          | r         | roc        | 53           | 47           | 10                 | 2               | 0.0       | 10.9                       |

| SUMMARY FOR PAST 24 HOURS. |  |          |          |          |          |          |          |              |                | BEAUFORT NOTATION. |        |                                             |                                             |                                       |                                       |                                            |                        |                               |                |
|----------------------------|--|----------|----------|----------|----------|----------|----------|--------------|----------------|--------------------|--------|---------------------------------------------|---------------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------------|------------------------|-------------------------------|----------------|
| STATIONS.                  |  | WEATHER. |          |          |          | TEMP.    |          | RAINFALL.    |                | Sun.               |        | b                                           |                                             | bc                                    |                                       | c                                          |                        | d                             |                |
|                            |  | 7h-13h.  | 13h-19h. | 19h-21h. | 21h-23h. | Max. °F. | Min. °F. | Day. 7h-18h. | Night. 18h-7h. | Hours.             | Hours. | blue sky (not more than a quarter covered). | blue sky (not more than a quarter covered). | sky partly cloudy (one half covered). | sky partly cloudy (one half covered). | generally cloudy (three quarters covered). | drizzle, or fine rain. | wet air without rain falling. | fog, or gloom. |
| Eskdalemuir ...            |  | or, m, m | or, m, m | or, m, m | or, m, m | 45       | 30       | 4            | 0.1            | 0.0                | 0.0    |                                             |                                             |                                       |                                       |                                            |                        |                               |                |
| Valencia (Cahirciveen) ... |  | o.c.     | o.c.     | o.c.     | o.c.     | 52       | 20       | 36           | -              | 2.0                | 2.0    |                                             |                                             |                                       |                                       |                                            |                        |                               |                |
| Baldonnel ...              |  | o.c.     | o.c.     | o.c.     | o.c.     | 57       | 33       | 29           | -              | ?                  | ?      |                                             |                                             |                                       |                                       |                                            |                        |                               |                |
| Didsbury ...               |  | o.c.     | o.c.     | o.c.     | o.c.     | 57       | 47       | 44           | 1              | 0.5                | 0.5    |                                             |                                             |                                       |                                       |                                            |                        |                               |                |
| Falmouth ...               |  | o.c.     | o.c.     | o.c.     | o.c.     | 52       | 46       | 48           | 4              | 0.0                | 0.0    |                                             |                                             |                                       |                                       |                                            |                        |                               |                |
| Calshot (Hants) ...        |  | o.c.     | o.c.     | o.c.     | o.c.     | 52       | 41       | 45           | -              | 3                  | 8.4    |                                             |                                             |                                       |                                       |                                            |                        |                               |                |
| Lympne (Folkestone) ...    |  | o.c.     | o.c.     | o.c.     | o.c.     | 52       | 41       | 45           | -              | 3                  | 8.4    |                                             |                                             |                                       |                                       |                                            |                        |                               |                |
| Aberdeen ...               |  | o.c.     | o.c.     | o.c.     | o.c.     | 52       | 37       | 30           | -              | 3.9                | 3.9    |                                             |                                             |                                       |                                       |                                            |                        |                               |                |
| Howden ...                 |  | o.c.     | o.c.     | o.c.     | o.c.     | 49       | 45       | 38           | 16             | -                  | ?      |                                             |                                             |                                       |                                       |                                            |                        |                               |                |
| Cranwell (Lines) ...       |  | o.c.     | o.c.     | o.c.     | o.c.     | 49       | 45       | 38           | 4              | 0.2                | 0.2    |                                             |                                             |                                       |                                       |                                            |                        |                               |                |
| Felixstowe ...             |  | o.c.     | o.c.     | o.c.     | o.c.     | 56       | 47       | 47           | 4              | 0.2                | 0.2    |                                             |                                             |                                       |                                       |                                            |                        |                               |                |
| Shoeburyness ...           |  | o.c.     | o.c.     | o.c.     | o.c.     | 57       | 38       | 45           | 1              | 3                  | 16.5   |                                             |                                             |                                       |                                       |                                            |                        |                               |                |
| Benson ...                 |  | o.c.     | o.c.     | o.c.     | o.c.     | 52       | 42       | 46           | 5              | 0.2                | 0.2    |                                             |                                             |                                       |                                       |                                            |                        |                               |                |
| S. Farnborough ...         |  | o.c.     | o.c.     | o.c.     | o.c.     | 54       | 42       | 45           | 8              | 1                  | 2.1    |                                             |                                             |                                       |                                       |                                            |                        |                               |                |
| London (Kew Obs.) ...      |  | o.c.     | o.c.     | o.c.     | o.c.     | 54       | 45       | 45           | 6              | 2                  | 2.6    |                                             |                                             |                                       |                                       |                                            |                        |                               |                |
| Croydon ...                |  | o.c.     | o.c.     | o.c.     | o.c.     | 53       | 42       | 45           | 5              | 4                  | 4      |                                             |                                             |                                       |                                       |                                            |                        |                               |                |

| LONDON OBSERVATIONS.               |  |          |            |          |          |          |          |           |     | SOUTH KENSINGTON (Meteorological Office). |          |              |             |                                                                               |                    |                                                                                                   |               |                                                 |       |
|------------------------------------|--|----------|------------|----------|----------|----------|----------|-----------|-----|-------------------------------------------|----------|--------------|-------------|-------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------|---------------|-------------------------------------------------|-------|
| STATIONS.                          |  | WEATHER. |            |          |          | TEMP.    |          | RAINFALL. |     | Sun.                                      |          | Humidity %   |             | Vertical Component of Solar Radiation per Square Centimetre during yesterday. |                    | TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. |               | 23 <sup>rd</sup> & 24 <sup>th</sup> April 1920. |       |
|                                    |  | Morning. | Afternoon. | Night.   | Night.   | Max. °F. | Min. °F. | mm.       | mm. | Hours.                                    | Hours.   | 15 h. G.M.T. | 9 h. G.M.T. | Total ... joules.                                                             | Average Rate. 18.2 | Maximum Rate. 63                                                                                  | Stations.     | Sunrise.                                        | Noon. |
| Greenwich (Royal Observatory) ...  |  | b.c.     | or         | or, m, m | or, m, m | 57       | 45       | 45        | 7   | 3.5                                       | 72       | 89           | 72          | 89                                                                            | 89                 |                                                                                                   | Yarmouth ...  | 4.41                                            | 11.51 |
| City (Bunhill Row) ...             |  | *        | *          | *        | *        | *        | *        | *         | *   | *                                         | *        | *            | *           | *                                                                             | *                  |                                                                                                   | Greenwich ... | 4.35                                            | 11.51 |
| Westminster (St. James's Park) ... |  | *        | *          | or, m, m | or, m, m | 55       | 47       | 44        | 7   | 2.9                                       | 73       | 82           | 73          | 82                                                                            | 82                 |                                                                                                   | Wick ...      | 4.43                                            | 12.10 |
| (Admiralty Arch) ...               |  | b.c.     | or         | or, m, m | or, m, m | 56       | 47       | 47        | 7   | 2.8                                       | 85       | 85           | 85          | 85                                                                            | 85                 |                                                                                                   | Valencia ...  | 5.31                                            | 12.39 |
| Camden Sq. (British Rainfall) ...  |  | b.c.     | o.c.       | *        | *        | 57       | 46       | 44        | 8   | *                                         | 93       | 85           | 93          | 85                                                                            | 85                 |                                                                                                   |               |                                                 |       |
| Kensington Palace ...              |  | b.c.     | o.c.       | *        | *        | 55       | 45       | 46        | 7   | *                                         | 91 (18h) | 90           | 91          | 90                                                                            | 90                 |                                                                                                   |               |                                                 |       |
| Hampstead Observatory ...          |  | *        | *          | *        | *        | 52       | 44       | 42        | 8   | 2.2                                       | *        | 93           | *           | 93                                                                            | *                  |                                                                                                   |               |                                                 |       |

## NOTES ON THE WEATHER OF YESTERDAY.

Temperature failed to reach 50° at various stations in the North, but rose to 55° or higher over a large portion of the Kingdom. The minima of the night were rather high generally, but at Eskdalemuir the thermometer fell to 30°. Rain was experienced in nearly all districts, the largest measurements being 9 mm. at South Farnborough, 8 mm. at Kew, and 7 mm. at Donaghadee. Bright sunshine was low generally, but high on the South-East and East coasts of England.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B.21359

Saturday, 24<sup>th</sup> APRIL.....1920.

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

| STATIONS                       | BAROM.    | +                  | WIND. |             | TEMP.  | Humidity. | Visibility | Height of Low Cloud. | Low Cloud. |           |                    | Sea | BAROM. | +           | WIND.   |           | TEMP. | Humidity. | Visibility | Height of Low Cloud. | Low Cloud.         |      |             | Sea |                                 |      |    |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------------------|-----------|--------------------|-------|-------------|--------|-----------|------------|----------------------|------------|-----------|--------------------|-----|--------|-------------|---------|-----------|-------|-----------|------------|----------------------|--------------------|------|-------------|-----|---------------------------------|------|----|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|                                | at M.S.L. | Change in 3 hours. | Dir.  | Force 0-12. |        |           |            |                      | Weather    | at M.S.L. | Change in 3 hours. |     | Dir.   | Force 0-12. | Weather | at M.S.L. |       |           |            |                      | Change in 3 hours. | Dir. | Force 0-12. |     | Weather                         |      |    |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                | mb.       |                    |       |             |        |           |            |                      |            |           |                    |     |        |             |         |           |       |           |            |                      |                    |      |             |     |                                 |      |    |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13H. G.M.T. 23 <sup>rd</sup>   |           |                    |       |             |        |           |            |                      |            |           |                    |     |        |             |         |           |       |           |            |                      |                    |      |             |     | 18H. G.M.T. OF 23 <sup>rd</sup> |      |    |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Edinburgh                      | 1021.6    | 0                  | SW    | 3           | 51     | 55        | 7          | 1200                 | Cu         | 6         | Ci                 | 3   | *      | 1020.4      | 0       | SSW       | 3     | 0         | 48         | 65                   | 8                  | -    | -           | -   | ASr                             | 10   | -  | - | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Valencia (Cahire'n)            | 1023.9    | +1                 | SSW   | 4           | 51     | 92        | 6          | 750                  | Sc         | 10        | -                  | -   | 3      | 1024.0      | 0       | SW        | 3     | 0         | 51         | 97                   | 5                  | 500  | Sc          | 10  | -                               | -    | 3  | * |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Baldonnell                     | 1022.8    | -1                 | W     | 3           | 50     | 75        | 6          | 1200                 | FCu        | 2         | ASr                | 9   | *      | 1021.2      | 0       | W         | 4     | 49        | 56         | 95                   | 6                  | 3000 | Scu         | 6   | ASr                             | 4    | -  | * |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Didsbury                       | 1021.2    | +1                 | W     | 3           | 43f    | 58        | *          | 3                    | 2000       | Sc        | 5                  | -   | -      | *           | 1021.7  | +2        | NW    | 3         | C          | 52                   | *                  | 4    | 3000        | Sc  | 2                               | ACu  | 6  | - | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Falmouth                       | 1023.7    | +1                 | WNW   | 3           | CZ     | 53        | 75         | 5                    | -          | Scu       | 7                  | -   | -      | *           | 1024.8  | +2        | N     | 2         | bcz        | 53                   | 75                 | 6    | -           | Scu | 2                               | CiCu | 3  | - | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Calshot (Hants)                | 1022.2    | +2                 | S     | 1           | 0      | 58        | 55         | 9                    | 3000       | Scu       | 10                 | -   | -      | 1           | 1022.9  | +1        | SW    | 3         | b          | 56                   | 95                 | 6    | 3000        | Scu | 2                               | -    | -  | 1 | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lymington (Folkestone)         | 1019.8    | +3                 | S     | 1           | 0m     | 51        | 97         | 7                    | 750        | Sc        | 10                 | -   | -      | *           | 1020.9  | +2        | SW    | 3         | om         | 52                   | 92                 | 7    | 750         | Scu | 9                               | -    | -  | - | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Aberdeen                       | 1020.7    | 0                  | SSW   | 3           | b      | 51        | 45         | 8                    | -          | Cu        | 1                  | Ci  | 2      | 3           | 1019.4  | -1        | S     | 3         | om         | 46                   | 75                 | 7    | -           | -   | -                               | ASr  | 10 | 3 | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Howden                         | 1021.2    | +1                 | -     | 0           | 0Z     | 54        | 65         | 4                    | 2000       | Sc        | 6                  | ASr | 4      | *           | 1021.2  | +1        | SSW   | 3         | om         | 48                   | 92                 | 3    | 2000        | Sc  | 10                              | -    | -  | - | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Granwell (Lines)               | 1022.3    | +1                 | E     | 1           | 0m     | 53        | 85         | 4                    | 750        | Sc        | 10                 | -   | -      | *           | 1022.7  | 0         | SSW   | 2         | om         | 52                   | 92                 | 4    | 750         | Sc  | 10                              | -    | -  | - | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shoeburyness                   | 1022.0    | +2                 | S     | 2           | C      | 54        | 85         | 6                    | 1200       | Scu       | 8                  | -   | -      | *           | 1023.0  | +1        | S     | 2         | bc         | 52                   | 92                 | 7    | 5700        | Scu | 6                               | -    | -  | - | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Barnes                         | 1021.9    | +4                 | -     | 0           | 0      | 53        | 85         | 7                    | 1200       | Scu       | 7                  | ASr | 2      | *           | 1022.7  | +1        | -     | 0         | b          | 53                   | 85                 | 7    | -           | -   | -                               | CiSc | 2  | - | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S. Farnborough                 | 1021.1    | +2                 | -     | 0           | 0      | 53        | 75         | 4                    | -          | Sc        | 8                  | -   | -      | *           | 1022.5  | 0         | -     | 0         | b          | 53                   | 65                 | 4    | -           | -   | -                               | -    | -  | - | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| London (Kew Obs.)              | 1021.9    | +2                 | NW    | 2           | 0      | 59        | 65         | 6                    | 2000       | Cu        | 5                  | ASr | 4      | *           | 1022.3  | +3        | NW    | 1         | bcz        | 60                   | 65                 | 7    | 3000        | Scu | 2                               | CiSc | 2  | - | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| London (Kew Obs.)              | 1021.7    | +1                 | N     | 3           | CZ     | 58        | 65         | 5                    | 1200       | Cu        | 5                  | Ci  | 2      | *           | 1022.5  | +1        | -     | 0         | bm         | 58                   | 75                 | 3    | -           | -   | -                               | Ci   | 1  | - | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| London (Kew Obs.)              | 1022.4    | +1                 | -     | 0           | 0.4f   | 53        | 85         | 2                    | 4500       | Sc        | 10                 | -   | -      | *           | 1023.1  | 0         | -     | 0         | b2         | 53                   | 85                 | 4    | -           | -   | -                               | -    | -  | - | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1H. G.M.T. OF 24 <sup>th</sup> |           |                    |       |             |        |           |            |                      |            |           |                    |     |        |             |         |           |       |           |            |                      |                    |      |             |     | 7H. G.M.T. OF 24 <sup>th</sup>  |      |    |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Edinburgh                      | 1019.0    | -3                 | SSW   | 4           | or. r. | 43        | 92         | 6                    | -          | Nb        | 10                 | -   | -      | *           | 1015.2  | -2        | SSW   | 4         | or. r.     | 46                   | 97                 | 3    | 750         | Nb  | 10                              | -    | -  | - | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Valencia (Cahire'n)            | 1022.3    | 0                  | SSW   | 3           | 0      | 51        | *          | *                    | *          | *         | *                  | *   | *      | *           | 1022.8  | 0         | SW    | 3         | od. r.     | 50                   | 97                 | 4    | 750         | Sc  | 10                              | -    | -  | 3 | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Baldonnell                     | 1020.4    | -2                 | WSW   | 4           | od.    | 53        | 92         | 3                    | 1200       | Sc        | 10                 | -   | -      | *           | 1019.0  | -1        | SW    | 5         | od. r.     | 52                   | 97                 | 5    | 750         | Sc  | 10                              | -    | -  | - | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Didsbury                       | *         | *                  | *     | *           | *      | *         | *          | *                    | *          | *         | *                  | *   | *      | *           | 1019.6  | -1        | SSW   | 2         | or.        | 49                   | *                  | 3    | 750         | Nb  | 10                              | -    | -  | - | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Falmouth                       | *         | *                  | *     | *           | *      | *         | *          | *                    | *          | *         | *                  | *   | *      | *           | 1025.5  | -1        | W     | 2         | 3fe        | 48                   | 97                 | 3    | -           | Sc  | 10                              | -    | -  | - | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Calshot (Hants)                | 1026.1    | 0                  | W     | 1           | b      | 47        | 92         | 6                    | -          | Sc        | 1                  | -   | -      | *           | 1024.7  | 0         | -     | 0         | CZ         | 50                   | 92                 | 5    | -           | -   | -                               | ASr  | 7  | 1 | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lymington (Folkestone)         | *         | *                  | *     | *           | *      | *         | *          | *                    | *          | *         | *                  | *   | *      | *           | 1023.3  | 0         | SSW   | 1         | 5f.        | 46                   | 97                 | 1    | -           | -   | -                               | -    | -  | - | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Aberdeen                       | *         | *                  | *     | *           | *      | *         | *          | *                    | *          | *         | *                  | *   | *      | *           | 1011.9  | -1        | S     | 3         | or. r.     | 46                   | 97                 | 4    | -           | Nb  | 10                              | -    | -  | 3 | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Howden                         | *         | *                  | *     | *           | *      | *         | *          | *                    | *          | *         | *                  | *   | *      | *           | 1019.0  | -2        | SSW   | 2         | or.        | 49                   | 85                 | 3    | 1250        | Nb  | 10                              | -    | -  | - | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Granwell (Lines)               | 1021.5    | -2                 | -     | 0           | od.    | 47        | 97         | 3                    | 1200       | Sc        | 10                 | -   | -      | *           | 1021.1  | -2        | SSW   | 3         | or. r.     | 50                   | 85                 | 5    | 3000        | Sc  | 8                               | ASr  | 2  | - | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shoeburyness                   | 1022.4    | -1                 | SSW   | 2           | b      | 44        | 97         | 1                    | -          | -         | -                  | -   | -      | *           | 1023.7  | 0         | SSW   | 2         | CZ         | 51                   | 92                 | 3    | -           | -   | -                               | ASr  | 7  | 1 | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Barnes                         | *         | *                  | *     | *           | *      | *         | *          | *                    | *          | *         | *                  | *   | *      | *           | 1022.9  | 0         | S     | 1         | bc. r.     | 51                   | 85                 | 6    | -           | -   | -                               | ASr  | 4  | - | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S. Farnborough                 | *         | *                  | *     | *           | *      | *         | *          | *                    | *          | *         | *                  | *   | *      | *           | 1022.3  | 0         | SSW   | 3         | 0          | 48                   | 85                 | 6    | -           | Scu | 10                              | -    | -  | - | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| London (Kew Obs.)              | *         | *                  | *     | *           | *      | *         | *          | *                    | *          | *         | *                  | *   | *      | *           | 1024.2  | +1        | SSW   | 2         | or.        | 47                   | 92                 | 6    | 3000        | Scu | 3                               | CiCu | 7  | - | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| London (Kew Obs.)              | 1024.0    | 0                  | *     | *           | *      | *         | *          | *                    | *          | *         | *                  | *   | *      | *           | 1024.4  | +1        | SSW   | 1         | or.        | 50                   | 85                 | 5    | 1200        | Scu | 2                               | CiSc | 7  | - | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| London (Kew Obs.)              | 1024.7    | -1                 | S     | 1           | bcz    | 47        | 97         | 4                    | -          | -         | -                  | -   | -      | *           | 1024.4  | 0         | SSW   | 1         | om         | 47                   | 92                 | 4    | -           | -   | -                               | ASr  | 9  | - | * |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## STATIONS CONTRIBUTING REPORTS AT 7H. AND 13H.

| STATIONS.              | BAROM.                          | TEMP. | WIND.  |             | Weather. | BAROMETER.                     | TEMPERATURE. |                    | WIND.               |        | Direc. of Upper Cloud.              | Weather. | Sea 0-9. | Rainfall mm. | TEMP.       |                  | WEATHER. |          |            | Sunshine   |        |
|------------------------|---------------------------------|-------|--------|-------------|----------|--------------------------------|--------------|--------------------|---------------------|--------|-------------------------------------|----------|----------|--------------|-------------|------------------|----------|----------|------------|------------|--------|
|                        | at M.S.L.                       | 'F.   | Direc. | Force 0-12. |          | at M.S.L.                      | 'F.          | Change in 3 hours. | Change in 24 hours. | Direc. |                                     |          |          |              | Force 0-12. | Max. 'F.         | Min. 'F. | Morning. | Afternoon. | Night.     | Hours. |
|                        | mb.                             | 'F.   | Direc. | Force 0-12. |          | mb.                            | 'F.          | Change in 3 hours. | Change in 24 hours. | Direc. |                                     |          |          |              | Force 0-12. | Max. 'F.         | Min. 'F. | Morning. | Afternoon. | Night.     | Hours. |
|                        | 13H. G.M.T. of 23 <sup>rd</sup> |       |        |             |          | 7H. G.M.T. of 24 <sup>th</sup> |              |                    |                     |        | 24 HOURS ENDED 7H. 24 <sup>th</sup> |          |          |              |             | 23 <sup>rd</sup> |          |          |            |            |        |
| Swick                  | 1016.4                          | 46    | SW     | 2           | b        | 1006.4                         | -7           | 46                 | +2                  | SW     | 2                                   | -        | omr      | 1            | 2           | 49               | 40       | omp      | b          | on         | *      |
| Snowway                | 1015.7                          | 47    | SSE    | 4           | r        | 1009.5                         | -1           | 49                 |                     | SW     | 5                                   | SW       | 0        | 5            | 1           | 49               | 44       | oco      | or         | r.o        | 1.3    |
| Shelley (Barra)        | 1020.1                          | 47    | WSW    | 2           | om       | 1013.7                         | -2           | 49                 | +10                 | WSW    | 4                                   | -        | orm      | *            | 2           | 52               | 38       | b'becz   | coz        | omp        | 4.9    |
| Head                   | 1015.1                          | 48    | SSW    | 3           | op       | 1012.7                         | -1           | 48                 | +4                  | SW     | 3                                   | -        | omr      | 3            | 3           | 50               | 43       | c        | omd        | omr        | 0.8    |
| Wood Point             | 1018.3                          | 51    | SW     | 4           | omd      | 1015.6                         | -3           | 50                 | +4                  | SW     | 2                                   | -        | omd      | 2            | 8           | 52               | 42       | omd      | co         | of         | *      |
| Point                  | 1023.9                          | 50    | SW     | 2           | o        | 1023.6                         | 0            | 50                 | +6                  | W      | 3                                   | -        | o        | 3            | 1           | 53               | 44       | o        | o          | af. op. o  | *      |
| Castle                 | 1021.6                          | 53    | SW     | 1           | n        | 1019.7                         | *            | 50                 | +9                  | SW     | 3                                   | -        | n        | *            | 1           | 56               | 40       | c.o      | c. om      | odr        | 0.1    |
| Chaddee                | 1020.5                          | 48    | SSW    | 3           | opv      | 1015.9                         | -2           | 52                 | +9                  | SW     | 2                                   | -        | omr      | 1            | 1           | 52               | 42       | bc       | cmp        | om         | *      |
| Pool (Bidston)         | 1022.7                          | 47    | -      | 0           | o        | 1018.7                         | -1           | 51                 | +6                  | SSW    | 3                                   | S        | or       | 2            | 1           | 53               | 45       | a. bc    | p. co      | op         | 7.8    |
| Head                   | 1022.0                          | 48    | SW     | 3           | og       | 1019.0                         | -2           | 49                 | +4                  | SW     | 4                                   | -        | orm      | 3            | 10          | 51               | 44       | r. byc   | c. bcop    | oe. orm    | 7.0    |
| Broke (St. Ann's Head) | 1024.4                          | 49    | W      | 1           | bc       | 1023.3                         | -1           | 48                 | +2                  | SW     | 3                                   | -        | ofe      | 2            | 0.1         | 52               | 46       | c. bc    | bc         | bc. c. of  | 6.7    |
| St. Mary's             | 1025.1                          | 52    | WNW    | 1           | bc       | 1026.8                         | 0            | 49                 | 0                   | WNW    | 2                                   | -        | f        | 3            | 0.2         | 56               | 48       | b. bc    | bc         | fe         | 7.7    |
| St. Aubin              | 1023.8                          | 53    | WNW    | 3           | bc       | 1026.0                         | 0            | 46                 | -5                  | -      | 0                                   | -        | f        | 0            | -           | 58               | 42       | o. b. bc | bc. b. bc  | bcw. fe    | 7.3    |
| Bill                   | 1022.4                          | 53    | WSW    | 3           | bc       | 1023.5                         | 0            | 50                 | 0                   | W      | 2                                   | -        | bc       | 2            | -           | 55               | 46       | bc       | bc         | bc         | *      |
| Geness                 | 1021.9                          | 51    | SSW    | 2           | c        | 1023.7                         | 0            | 50                 | 0                   | SW     | 2                                   | SW       | bc       | 1            | -           | 54               | 40       | oc       | cfe        | c. b. bc   | *      |
| Head                   | 1016.9                          | 45    | SSW    | 1           | o        | 1007.7                         | 0            | 49                 | +8                  | WSW    | 3                                   | -        | omp      | 3            | 1           | 49               | 40       | bcop     | o          | omyp       | *      |
| Head                   | 1016.6                          | 52    | SW     | 1           | c        | 1009.3                         | *            | 51                 | +10                 | SSW    | 1                                   | -        | c        | 1            | 2           | 56               | 40       | bcv      | bccg       | cpvg       | 9.2    |
| Head                   | 1018.5                          | 51    | W      | 2           | o        | 1012.6                         | -1           | 53                 | +11                 | SW     | 3                                   | -        | o        | 2            | -           | 55               | 41       | cm. bc   | bcco       | oy. o      | *      |
| Head                   | 1021.2                          | 45    | S      | 3           | om       | 1015.8                         | -2           | 50                 | +12                 | WSW    | 2                                   | -        | om       | 1            | -           | 52               | 38       | bm       | bm         | om         | *      |
| Head                   | 1021.7                          | 44    | NNE    | 2           | om       | 1019.0                         | -1           | 49                 | +2                  | SW     | 3                                   | -        | om       | 3            | -           | 49               | 42       | nom      | bc. m.     | f          | *      |
| Head (for London)      | 1022.2                          | 49    | E      | 1           | bc       | 1021.4                         | -2           | 50                 | +1                  | WSW    | 2                                   | -        | bc. m.   | 1            | -           | 55               | 45       | oe. bcv  | bc. z.     | fm. bc. m. | 3.7    |
| on-Sea                 | 1022.5                          | 53    | SSW    | 2           | c        | 1022.8                         | 0            | 52                 | +2                  | SSW    | 2                                   | SW       | bc. m.   | 1            | -           | 57               | 49       | ogc      | c. bc. c   | c. bc. m.  | 2.5    |
| ingham                 | 1021.6                          | 58    | W      | 2           | bm       | 1020.6                         | *            | 49                 | 0                   | SW     | 2                                   | SW       | c        | 4            | -           | 59               | 44       | fg. m.   | c. fm      | bc. m.     | 3.4    |

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ For code see page 3.



# SUMMARY OF CONDITIONS AT 8 A.M.T. Saturday, April 24th 1920.

| Districts.                | Wind.<br>Velocity in m.p.h. | Temperature. | Weather, Cloud and Precipitation.    | Visibility. | Sea.    |
|---------------------------|-----------------------------|--------------|--------------------------------------|-------------|---------|
| 1. S.E. England           | S-W 0-5                     | V. Warm.     | Fair to overcast, local mist or fog. | V. Poor.    | Smooth  |
| 2. E. England             | S-W 2-5                     | "            | Fair to cloudy; misty.               | Indif.      | "       |
| 3. E. Midlands            | S-SW 5-10                   | "            | Cloudy or overcast; local mist.      | "           | -       |
| 4. W. Midlands            | SW-W 5.                     | Warm.        | Cloudy or dull, some rain and mist.  | "           | -       |
| 5. S.W. England           | W 5                         | R. Warm.     | Fair to dull, local fog.             | V. Poor.    | Smooth  |
| 6. South Wales            | SW-W 5-10                   | Warm.        | Dull, local fog.                     | "           | "       |
| 7. North Wales            | SW 10-15                    | V. Warm.     | Dull, rainy, local mist.             | Poor.       | Slight  |
| 8. N.W. England           | SSE-SSW 5-10                | "            | Dull, rainy, local mist.             | "           | Smooth. |
| 9. N. Midlands            | S-SW 5-10                   | "            | Dull, rainy, some mist.              | V. Poor.    | -       |
| 10. N.E. England          | SSE-WSW 5-10                | "            | Dull, local rain and mist            | Poor.       | Smooth  |
| 11. E. Scotland           | S-W 2-10                    | "            | Cloudy or dull, local light rain.    | "           | Slight  |
| 12. S.W. Scotland         | SW 10-15.                   | "            | Dull, with rain & mist.              | V. Poor.    | Smooth. |
| 13. Isle of Man           | SW 10                       | "            | Dull, some rain & mist.              | Poor.       | "       |
| 14. N. & N.W. Scotland    | SW 10                       | "            | Dull, some rain & mist.              | "           | Slight. |
| 15. Hebrides              |                             |              |                                      |             |         |
| 16. Orkneys and Shetlands | SW 5-10                     | Warm.        | Dull, some rain & mist.              | Poor        | Smooth. |
| 17. N.W. Ireland          | SW 5-10                     | "            | Dull, some mist & drizzle.           | "           | Slight  |
| 18. N.E. Ireland          | SW 5-10                     | V. Warm.     | Dull, misty, rainy.                  | "           | Smooth. |
| 19. S.E. Ireland          | SW-W 10-20                  | "            | Dull, local rain & squalls.          | Indif.      | Slight  |
| 20. S.W. Ireland          | SW-W 10                     | Warm.        | Dull, local mist & drizzle           | Var.        | "       |

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

A depression centred off the North-West of Scotland is moving Eastward; while an anticyclone over the Bay of Biscay and France appears to be stationary. Fair weather is probable in the South and South-East of England but elsewhere there will be much cloud, with occasional drizzling rain. Fog is likely on the South-West and South coasts. The fair conditions may continue beyond the 24 hours in the South-East and South.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn at intervals of two millibars.  
**WIND.**—Direction is shown by the arrow, force by the number of flying with the wind. Force on the scale 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 & cloud. ☁☁ overcast sky. \* snow. △ hail. T thunder. SEA DISTURBANCE.—Rough. High.

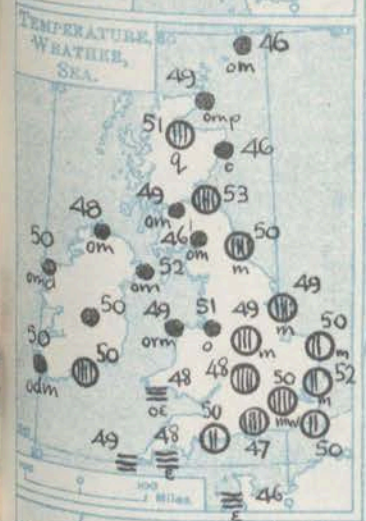
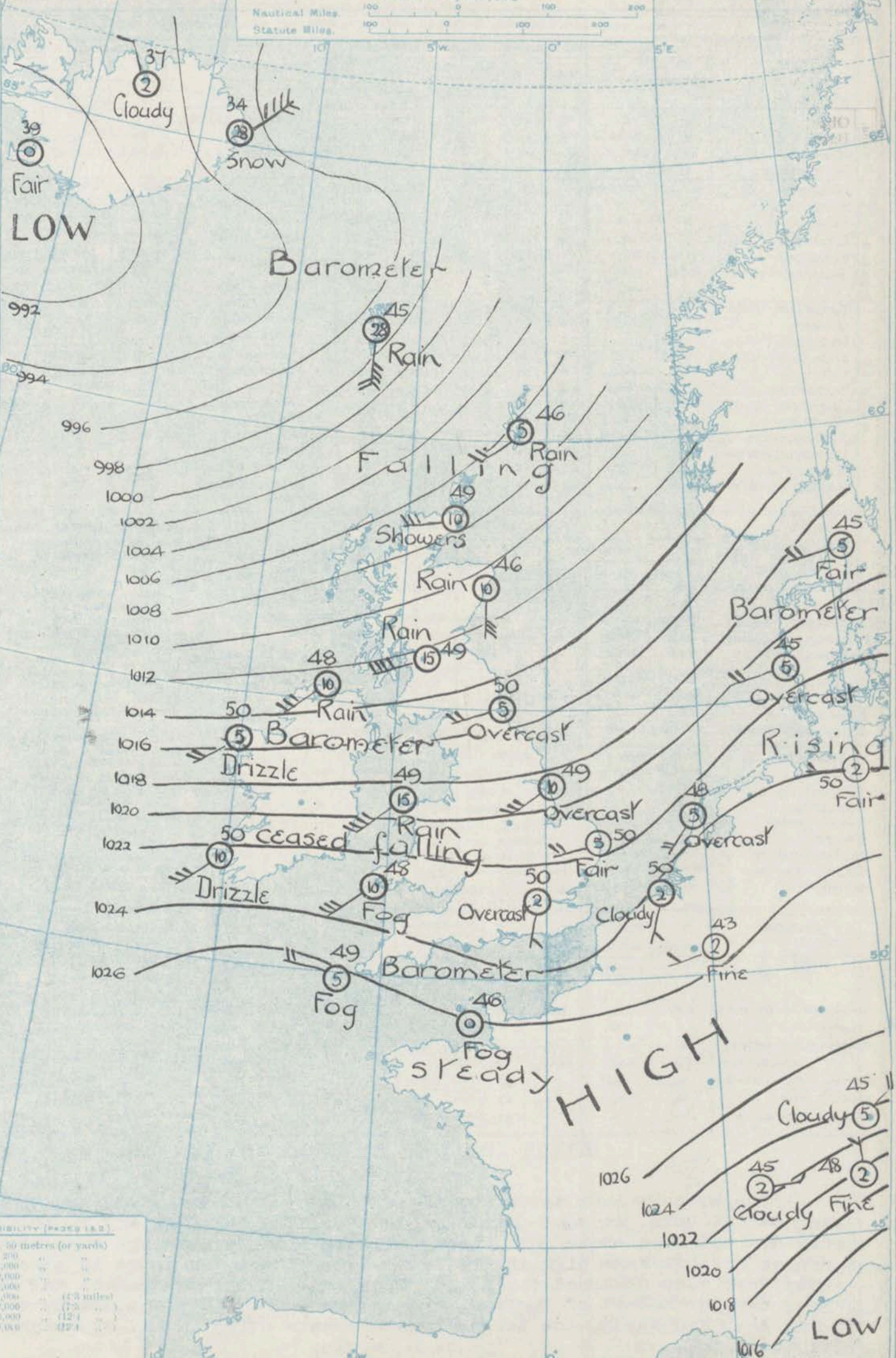
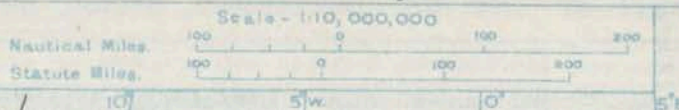
Further Outlook

| Districts.                | Forecasts for the 24 hours commencing 15h G.M.T. Saturday 24th April, 1920.                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. S.E. England           | Wind South-West and West, light to moderate; mainly fair, local fog at times on coast. Temperature higher than of late. Visibility fair or good.               |
| 2. E. England             |                                                                                                                                                                |
| 3. E. Midlands            |                                                                                                                                                                |
| 4. W. Midlands            | Wind S.W'ly., light or moderate; fair or cloudy generally, some drizzling showers. Little change of temperature. Visibility fair                               |
| 5. S.W. England           | Wind South-West or West, light or moderate; cloudy, dull at times, some local drizzle; occasional coastal fog. Moderate temperature. Visibility mainly fair.   |
| 6. South Wales            |                                                                                                                                                                |
| 7. North Wales            |                                                                                                                                                                |
| 8. N.W. England           |                                                                                                                                                                |
| 9. N. Midlands            | Wind South-Westerly, light or moderate; cloudy or dull, some drizzling rain, mist locally. Moderate temperature. Visibility indifferent to fair.               |
| 10. N.E. England          |                                                                                                                                                                |
| 11. E. Scotland           |                                                                                                                                                                |
| 12. S.W. Scotland         |                                                                                                                                                                |
| 13. Isle of Man           |                                                                                                                                                                |
| 14. N. & N.W. Scotland    | Wind South-West or South, light or moderate. Much low cloud, drizzle at times, some coastal mist or fog. Moderate temperature. Visibility indifferent to fair. |
| 15. Hebrides              |                                                                                                                                                                |
| 16. Orkneys and Shetlands |                                                                                                                                                                |
| 17. N.W. Ireland          |                                                                                                                                                                |
| 18. N.E. Ireland          |                                                                                                                                                                |
| 19. S.E. Ireland          |                                                                                                                                                                |
| 20. S.W. Ireland          |                                                                                                                                                                |

Much cloud, occasional rain, the North and West. Fairer the South and South-East.



# SYNOPTIC CHART FOR MORNING OF Saturday, 24<sup>th</sup> APRIL, 1920.



TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)

| Code | Meaning     | Objects not visible at        | 50 metres (or yards) |
|------|-------------|-------------------------------|----------------------|
| 0    | Dense fog   | Objects not visible at        | 50 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 miles)          |
| 7    | Good        | 20,000                        | (12.4 miles)         |
| 8    | Very Good   | Objects visible beyond 20,000 | (12.4 miles)         |
| 9    | Excellent   | Exceptional visibility        |                      |



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 115.

Saturday

24<sup>th</sup> APRILWEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 23<sup>rd</sup>

| STATIONS.        |                        | WEATHER.  |            | TEMPERATURE. |              | Rainfall.                  |                          | SUNSHINE.        |                                | STATIONS.        |                       | WEATHER.    |            | TEMPERATURE. |              | Rainfall.                  |                          | SUNSHINE.        |                                |
|------------------|------------------------|-----------|------------|--------------|--------------|----------------------------|--------------------------|------------------|--------------------------------|------------------|-----------------------|-------------|------------|--------------|--------------|----------------------------|--------------------------|------------------|--------------------------------|
|                  |                        | Forenoon. | Afternoon. | Max.<br>° F. | Min.<br>° F. | Night,<br>17h-9h.<br>22-23 | Day,<br>9h-17h.<br>23-24 | to 17h.<br>23-24 | Sunrise<br>to Sunset.<br>22-24 |                  |                       | Forenoon.   | Afternoon. | Max.<br>° F. | Min.<br>° F. | Night,<br>17h-9h.<br>22-23 | Day,<br>9h-17h.<br>23-24 | to 17h.<br>23-24 | Sunrise<br>to Sunset.<br>22-24 |
|                  |                        |           |            |              |              |                            |                          |                  |                                |                  |                       |             |            |              |              |                            |                          |                  |                                |
| Scotland.        | Oban ... ..            | bc        | co         | 49           | 34           | -                          | -                        | 4.8              | ?                              | England,<br>N.W. | Douglas (I.O.M.)      |             |            |              |              |                            |                          |                  |                                |
|                  | Bauff ... ..           | b         | b, bc, c   | 52           | 33           | 1                          | -                        | 10.8             | 3.4                            |                  | Blackpool ... ..      | c           | bc         | 54           | 43           | -                          | -                        | 8.0              | 0.0                            |
|                  | Montrose ... ..        | bc        | bc, o      | 51           | 36           | -                          | -                        | 7.0              | 1.9                            |                  | Southport ... ..      | b, bc, b    | b, bc, c   | 53           | 45           | 0.2                        | -                        | 8.8              | 0.0                            |
|                  | St. Andrews ... ..     | c         | o          | 53           | 37           | -                          | -                        | 5.1              | ?                              |                  |                       |             |            |              |              |                            |                          |                  |                                |
| England,<br>N.E. | Harrogate ... ..       | om, bc    | b, bc, m   | 57           | 42           | 1                          | -                        | 2.8              | 0.0                            | Midlands.        | Buxton ... ..         | m, c, bc, c | b, b, bc   | 56           | 43           | 1                          | -                        | 4.2              | 0.0                            |
|                  | Scarborough ... ..     | of        | b          | 51           | 43           | 0.3                        | -                        | 4.3              | 0.0                            |                  | Leamington Spa ... .. | c, b        | c, b, bc   | 62           | 45           | -                          | -                        | 4.0              | 1.4                            |
|                  | Skegness ... ..        | o         | o, bc, o   | 50           | 45           | -                          | -                        | 0.7              | 3.0                            |                  | Malvern ... ..        | c, bc       | bc, b      | 62           | 46           | 0.1                        | -                        | 5.1              | 0.0                            |
|                  |                        |           |            |              |              |                            |                          |                  |                                |                  | Ross-on-Wye ... ..    | oc, bc      | c, bc, b   | 63           | 46           | Trace                      | -                        | 6.3              | 0.0                            |
| England, E.      | Lowestoft ... ..       | o         | oc         | 55           | 45           | 1                          | -                        | 2.0              | 3.4                            |                  | Bath ... ..           | m, oc, bc   | bc, b      | 65           | 45           | -                          | -                        | 5.9              | 0.0                            |
|                  | Felixstowe ... ..      | cg, bc    | cg         | 56           | 43           | -                          | -                        | 2.3              | 2.5                            |                  |                       |             |            |              |              |                            |                          |                  |                                |
|                  | Southend-on-Sea ... .. | oro       | oc         | 56           | 46           | 5                          | -                        | 0.4              | 7.4                            |                  |                       |             |            |              |              |                            |                          |                  |                                |
|                  |                        |           |            |              |              |                            |                          |                  |                                |                  |                       |             |            |              |              |                            |                          |                  |                                |
| England, S.E.    | Tunbridge Wells ... .. | o         | oc, m      | 57           | 45           | 6                          | -                        | 0.1              | 5.2                            | Wales.           | Rhyl ... ..           | bc          | bc, c      | 50           | 44           | 0.3                        | -                        | 8.7              | 0.0                            |
|                  | Margate ... ..         | -         | -          | 55           | 46           | 3                          | -                        | 0.0              | 9.7                            |                  | Colwyn Bay ... ..     | b           | bc, c      | 53           | 45           | 1                          | -                        | 8.7              | 0.0                            |
|                  | Ramsgate ... ..        | -         | -          | 55           | 46           | 3                          | -                        | 0.0              | 9.3                            |                  | Llandudno ... ..      | b, b        | bc, o      | 55           | 45           | -                          | -                        | 7.8              | 0.4                            |
|                  | Folkestone ... ..      | oc        | o          | 55           | 46           | 4                          | -                        | 0.0              | 9.4                            |                  | Aberystwyth ... ..    | oc, b       | bc, c      | 52           | 48           | -                          | -                        | 4.0              | 0.0                            |
|                  | Hastings ... ..        | or, fm    | oc, o      | 54           | 48           | 7                          | 0.2                      | 0.3              | 7.9                            | England, S.W.    | Swansea ... ..        |             |            |              |              |                            |                          |                  |                                |
|                  | Eastbourne ... ..      | t         | oc, o      | 55           | 48           | 4                          | -                        | 0.3              | 6.5                            |                  | Weymouth ... ..       | bc          | bc, c, b   | 63           | 45           | 0.3                        | -                        | 10.0             | 0.0                            |
|                  | Brighton ... ..        | oc        | co         | 54           | 49           | 9                          | -                        | 0.3              | 4.9                            |                  | Teignmouth ... ..     | b           | bc, b      | 62           | 48           | -                          | -                        | 8.5              | 0.0                            |
|                  | Worthing ... ..        | oc        | c, bc      | 57           | 48           | 6                          | -                        | 1.6              | 2.0                            |                  | Torquay ... ..        | bc          | b, bc      | 59           | 47           | 0.2                        | -                        | 9.9              | 0.0                            |
|                  | Littlehampton ... ..   | cm        | bc, m      | 58           | 47           | 4                          | -                        | 1.1              | 4.5                            |                  | Paignton ... ..       | bc          | bc         | 61           | 47           | -                          | -                        | 10.5             | 0.0                            |
|                  | Portsmouth (S. ths.)   | -         | -          | 60           | 48           | 2                          | -                        | 1.4              | 0.5                            |                  | Penzance ... ..       | c, bc       | c, bc      | 57           | 48           | 1                          | -                        | 5.0              | 0.3                            |
|                  | Bournemouth ... ..     | -         | -          | 62           | 45           | 5                          | -                        | 7.5              | 0.0                            |                  | Newquay ... ..        | bc          | b          | 52           | 46           | -                          | -                        | 5.5              | 0.5                            |
|                  | Ventnor (I. of W.)     | -         | -          | 57           | 47           | 3                          | -                        | 2.5              | 1.0                            |                  | Bude ... ..           | o           | b          | 54           | 45           | -                          | -                        | 4.4              | 0.0                            |
|                  |                        |           |            |              |              |                            |                          |                  |                                |                  | Ilfracombe ... ..     | oc, bc      | bc, b      | 53           | 47           | -                          | -                        | 4.9              | 0.0                            |
|                  |                        |           |            |              |              |                            |                          |                  |                                |                  | Weston-s-Mare ... ..  | bc          | bc, m      | 55           | 45           | 1                          | -                        | 6.5              | 0.1                            |
|                  |                        |           |            |              |              |                            |                          |                  |                                |                  | Tenby ... ..          | bc          | b, bc      | 59           | 51           | 0.3                        | -                        | 7.8              | 1.2                            |

## SUMMARIES FOR PAST 24 HOURS.

| STATIONS.                  | WEATHER.       |                |              |                      | Max. Temp. F. |         | Min. Temp. F. |       | Rainfall. |         | Sun.    |     |
|----------------------------|----------------|----------------|--------------|----------------------|---------------|---------|---------------|-------|-----------|---------|---------|-----|
|                            | 7h-12h         | 12h-18h        | 18h-24h      | 24h                  | 7h-12h        | 12h-18h | 18h-24h       | 24h   | 7h-12h    | 12h-18h | 18h-24h | 24h |
|                            | 7h-12h         | 12h-18h        | 18h-24h      | 24h                  | 7h-12h        | 12h-18h | 18h-24h       | 24h   | 7h-12h    | 12h-18h | 18h-24h | 24h |
| Eskdalemuir ...            | b, c, o, z     | o, z, y, o     | o, o, r      | o, y, r, m           | 53            | 38      | 39            | Trace | 2         | 5.1     |         |     |
| Valencia (Cahirciveen) ... | o, p           | o, d, o        | d, o, d      |                      | 53            | 46      | 49            | -     | 1         | 0.0     |         |     |
| Baldonnell ...             | co, z          | co, z          | q            | r, q                 | 56            | 39      | 31            | -     | 3         | 2.0     |         |     |
| Didsbury ...               | o, f           | bc, z          |              | o, f, r              | *             | *       | *             | *     | *         | *       |         |     |
| Falmouth ...               | om, bc, z      | bc, y, z       | bc, b        | o, f, r              | 57            | 46      | 43            | -     | -         | 7.2     |         |     |
| Calshot (Hants) ...        | c, o, c        | co, b, bc      |              | bc, z                | 60            | 44      | 39            | -     | -         | 5.5     |         |     |
| Lympe (Folkestone) ...     | o, a, f, c, m  | om             | om, bc, s, f |                      | 54            | 44      | 34            | Trace | Trace     | 0.1     |         |     |
| Aberdeen ...               | b, z, by       | b, bc, y, o    |              | o, f, r              | 53            | 44      | 43            | -     | 3         | 9.4     |         |     |
| Howden ...                 | om, co         | om, o          | p, d, r      | o, e, f              | 55            | 44      | 44            | *     | 10        | 1.5     |         |     |
| Cranwell (Lines) ...       | o, f, o, m     |                | b, bc, b     | c, o, f              | 54            | 43      | *             | -     | -         | 0.4     |         |     |
| Felixstowe ...             | co, bc, c      | bc, c          |              | b, bc, w             | 57            | 46      | *             | *     | *         | *       |         |     |
| Shoeburyness ...           | o              | o, b, bc, b    |              | b, bc, m             | 56            | 41      | 34            | -     | -         | 1.2     |         |     |
| Benson ...                 | o              | bc, b          |              | b, bc, o             | 62            | 40      | 32            | -     | -         | *       |         |     |
| S. Farnborough ...         | om, o          | oc, bc, z      |              | bc, b, bc, o, f      | 64            | 40      | 31            | -     | -         | 4.1     |         |     |
| London (Kew Obs.) ...      | om, y, c, m, z | cz, m          |              | b, m, bc, m, c, m, w | 62            | 46      | 35            | Trace | -         | 6.5     |         |     |
| Croydon ...                | o, a, f        | o, f, bc, m, z |              | b                    | 56            | 45      | *             | Trace | Trace     | *       |         |     |

## BEAUFORT NOTATION.

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

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

## THE BEAUFORT SCALE OF WIND FORCE.

| Used only for surface observations.               |                         |                    |
|---------------------------------------------------|-------------------------|--------------------|
| Limits of Velocity at about 30 feet above ground. |                         |                    |
| No.                                               | Statute miles per hour. | Meters per second. |
| 0                                                 | Less than 1             | Less than 0.3      |
| 1                                                 | 1-3                     | 0.3-1.5            |
| 2                                                 | 4-7                     | 1.6-3.5            |
| 3                                                 | 8-12                    | 3.6-5.4            |
| 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  $\Delta$  Solar halo  $\odot$   
 Ring  $\bigcirc$  Lunar halo  $\bigcirc$   
 Glazed frost  $\sim$  Solar corona  $\odot$   
 Glazed roads  $\sim$  Lunar corona  $\odot$

## LONDON OBSERVATIONS

| LONDON.<br>OBSERVATIONS        | WEATHER.                                  |            |         | Max.<br>Temp.<br>° F. | Min.<br>Temp.<br>° F. | Min. on<br>Grass<br>° F. | Rain-<br>fall.<br>mm. | Sun-<br>shine to<br>Sunset.<br>Hours. | HUMIDITY %     |        | SOUTH KENSINGTON<br>(Meteorological Office).                                              | TABLE SHOWING THE GREENWICH TIMES OF<br>SUNRISE, NOON AND SUNSET FOR STATIONS<br>IN THE UNITED KINGDOM. |          |        |         |
|--------------------------------|-------------------------------------------|------------|---------|-----------------------|-----------------------|--------------------------|-----------------------|---------------------------------------|----------------|--------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------|--------|---------|
|                                | Morning.                                  | Afternoon. | Night.  |                       |                       |                          |                       | 15 h.<br>G.M.T.                       | 9 h.<br>G.M.T. |        |                                                                                           |                                                                                                         |          |        |         |
|                                | 24 HOURS ENDED IN G.M.T. 24 <sup>th</sup> |            |         |                       |                       |                          |                       |                                       | YESTERDAY.     | TODAY. |                                                                                           |                                                                                                         |          |        |         |
|                                |                                           |            |         |                       |                       |                          |                       |                                       |                |        | Vertical Component<br>of<br>Solar Radiation<br>per Square Centimetre<br>during yesterday. | 24 & 25 <sup>th</sup> April 1920.                                                                       |          |        |         |
|                                |                                           |            |         |                       |                       |                          |                       |                                       |                |        |                                                                                           | Stations.                                                                                               | Sunrise. | Noon.  | Sunset. |
|                                |                                           |            |         |                       |                       |                          |                       |                                       |                |        |                                                                                           |                                                                                                         | G.M.T.   | G.M.T. | G.M.T.  |
| Greenwich (Royal Observatory)  | a.e.                                      | c.b.       | bc.c    | 58                    | 44                    | 35                       | -                     | 1.5                                   | 83             | 62     |                                                                                           | Yarmouth...                                                                                             | 4.39     | 11.51  | 7.2     |
| City (Bunhill Row) ...         | *                                         | *          | *       | *                     | *                     | *                        | *                     | 1.0                                   | *              | *      |                                                                                           |                                                                                                         | 4.37     | 11.51  | 7.4     |
| Westminster (St. James's Park) | *                                         | *          | *       | 61                    | 45                    | 37                       | -                     | 1.0                                   | 58             | 65     |                                                                                           | Greenwich                                                                                               | 4.49     | 11.58  | 7.7     |
| (Admiralty Arch)               | ogm                                       | bey        | bc.l.y. | 61                    | 48                    | -                        | -                     | 0.7                                   | 72             | 70     | Total.....751..... Joules.                                                                |                                                                                                         | 4.47     | 11.58  | 7.9     |
| Camden Sq. (British Rainfall)  | bc                                        | bc         | *       | 65                    | 45                    | 41                       | -                     | *                                     | 56             | 70     | Milliwatts.                                                                               | Wick                                                                                                    | 4.41     | 12.10  | 7.10    |
| Kensington Palace ...          | bc                                        | bc         | *       | 62                    | 44                    | 37                       | -                     | *                                     | 77 (13h)       | 71     | Average Rate 14.6                                                                         |                                                                                                         | 4.38     | 12.10  | 7.42    |
| Hampstead Observatory          | *                                         | *          | *       | 61                    | 44                    | 41                       | -                     | 7.2                                   | *              | 73     | Maximum Rate 54                                                                           | Valencia ...                                                                                            | 5.29     | 12.39  | 7.50    |
|                                |                                           |            |         |                       |                       |                          |                       |                                       |                |        |                                                                                           |                                                                                                         | 5.27     | 12.39  | 7.52    |

## SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.

Total 751 Joules.

Average Rate 14.6 Milli-watts.

Maximum Rate 54

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

| 24 & 25 <sup>th</sup> April 1920. |          |        |         |
|-----------------------------------|----------|--------|---------|
| Stations.                         | Sunrise. | Noon.  | Sunset. |
|                                   | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...                      | 4.39     | 11.51  | 7.2     |
|                                   | 4.37     | 11.51  | 7.4     |
| Greenwich ...                     | 4.49     | 11.58  | 7.7     |
|                                   | 4.47     | 11.58  | 7.9     |
| Wick ...                          | 4.41     | 12.10  | 7.40    |
|                                   | 4.39     | 12.10  | 7.42    |
| Valencia ...                      | 5.29     | 12.39  | 7.50    |
|                                   | 5.27     | 12.39  | 7.52    |

## NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose to 60° or above at many Southern stations, the highest value being 65° at Bath. At some places in the North, North-East and North-West the thermometer did not rise above 50°. Nearly all the minimum readings were above 40°. Bright sunshine records were high in the South-West, about ten hours in places, and similar values were also recorded in East of Scotland. On the South-East and East coasts, in Wales, the North-West of England, and in Ireland the day was nearly sunless. Rain fell in the West and North, the largest measurements being 10 mm. at Holyhead and 8 mm. at Blacksed Point.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B. 24339

SUNDAY, 25<sup>th</sup> APRIL.....1920.

| OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 13h AND 19h. |                        |                          |                                   |          |                |                     |                          |                                     |                          |               |                                 |                        |                          |                                   |                |              |               |                    |                                     |                    |              |               |       |               |      |   |  |                                     |  |
|-------------------------------------------------------------------------|------------------------|--------------------------|-----------------------------------|----------|----------------|---------------------|--------------------------|-------------------------------------|--------------------------|---------------|---------------------------------|------------------------|--------------------------|-----------------------------------|----------------|--------------|---------------|--------------------|-------------------------------------|--------------------|--------------|---------------|-------|---------------|------|---|--|-------------------------------------|--|
| STATIONS.                                                               | BAROM.<br>at<br>M.S.L. | Change<br>in 3<br>hours. | WIND.<br>Direc.<br>Force<br>0-12. | Weather  | TEMP.<br>°F.   | Humidity<br>%       | Visibility<br>0-9.       | Height<br>of Low<br>Cloud.<br>Feet. | Low Cloud.               | Upper Cloud.  | Sea                             | BAROM.<br>at<br>M.S.L. | Change<br>in 3<br>hours. | WIND.<br>Direc.<br>Force<br>0-12. | Weather        | TEMP.<br>°F. | Humidity<br>% | Visibility<br>0-9. | Height<br>of Low<br>Cloud.<br>Feet. | Low Cloud.         | Upper Cloud. | Sea           |       |               |      |   |  |                                     |  |
|                                                                         | mb.                    |                          |                                   |          |                |                     |                          |                                     | Form.                    | Amt.<br>0-10. | Form.                           | Amt.<br>0-10.          | mb.                      |                                   |                |              |               |                    |                                     |                    | Form.        | Amt.<br>0-10. | Form. | Amt.<br>0-10. | 0-9. |   |  |                                     |  |
| 13h. G.M.T. 24 <sup>th</sup>                                            |                        |                          |                                   |          |                |                     |                          |                                     |                          |               |                                 |                        |                          | 19h. G.M.T. OF 24 <sup>th</sup>   |                |              |               |                    |                                     |                    |              |               |       |               |      |   |  |                                     |  |
| Eskdalemuir ...                                                         | 1012.0                 | -3                       | SW 7                              | Y        | 0              | 52.85               | 6                        | 2,000                               | Sc                       | 10            | -                               | -                      | *                        | 1011.2                            | 0              | W 5          | Cg            | 52.65              | 8                                   | -                  | Sc           | 7             | -     | -             | *    |   |  |                                     |  |
| Valencia (Cahire'n)                                                     | 1021.4                 | 0                        | SW 4                              | H        | 0m             | 52.97               | 5                        | 750                                 | Sc                       | 10            | -                               | -                      | *                        | 1021.6                            | 0              | WSW 4        | 0             | 52.85              | 6                                   | 1,250              | Sc           | 9             | -     | -             | 4    |   |  |                                     |  |
| Baldonnell ...                                                          | 1021.4                 | 0                        | SW 4                              | H        | 0m             | 52.97               | 5                        | 750                                 | Sc                       | 10            | -                               | -                      | *                        | 1021.6                            | -3             | WSW 6        | 0g            | 55.85              | 7                                   | 1,250              | Sc           | 10            | -     | -             | *    |   |  |                                     |  |
| Didsbury ...                                                            | 1017.9                 | -3                       | W 5                               | 01f      | 60             | -                   | 7                        | 2,000                               | Sc                       | 7             | Asc                             | 5                      | *                        | 1016.4                            | -1             | SSW 5        | 01f           | 54                 | -                                   | 3                  | 1,250        | Wb            | 10    | -             | -    | * |  |                                     |  |
| Falmouth ...                                                            | 1025.4                 | 0                        | W 3                               | 0        | 55.85          | 5                   | -                        | 50                                  | 10                       | -             | -                               | -                      | *                        | 1024.6                            | -1             | W 4          | 0m            | 53.85              | 5                                   | -                  | Sc           | 9             | -     | -             | *    |   |  |                                     |  |
| Calshot (Hants) ...                                                     | 1023.8                 | -1                       | SW 4                              | 02f      | 53.92          | 5                   | 750                      | Sc                                  | 10                       | -             | -                               | 2                      | 1022.4                   | -2                                | SW 4           | 02f          | 51.92         | 5                  | 1,500                               | Sc                 | 10           | -             | -     | 2             |      |   |  |                                     |  |
| Lymington (Folkestone)                                                  | 1021.6                 | 0                        | SW 5                              | cm       | 56.85          | 7                   | 2,000                    | Sc                                  | 6                        | Asc           | 2                               | *                      | 1021.7                   | -1                                | SW 5           | 0m           | 51.97         | 7                  | 1,500                               | Sc                 | 10           | -             | -     | *             |      |   |  |                                     |  |
| Aberdeen ...                                                            | 1007.7                 | -4                       | WSW 3                             | bc       | 61.35          | 8                   | -                        | Cu                                  | 6                        | -             | -                               | 3                      | 1006.7                   | -1                                | WSW 4          | bc           | 55.45         | 8                  | -                                   | Sc                 | 5            | Cu            | 1     | 3             |      |   |  |                                     |  |
| Howden ...                                                              | 1016.6                 | -3                       | SW 4                              | 01f      | 57.95          | 4                   | 2,000                    | Sc                                  | 10                       | -             | -                               | *                      | 1015.7                   | -2                                | WSW 5          | 01f          | 55.85         | 5                  | 750                                 | Wb                 | 10           | -             | -     | *             |      |   |  |                                     |  |
| Cranwell (Lines)                                                        | 1018.6                 | -2                       | WSW 5                             | 02f      | 59.85          | 5                   | 2,000                    | Sc                                  | 8                        | Asc           | 2                               | -                      | 1017.7                   | 0                                 | WSW 4          | 01f          | 58.75         | 6                  | 4,200                               | Sc                 | 8            | Asc           | 2     | -             | *    |   |  |                                     |  |
| Felixstowe ...                                                          | 1021.9                 | -3                       | SW 3                              | 0        | 58.85          | 6                   | 4,200                    | Sc                                  | 4                        | Asc           | 6                               | *                      | 1019.9                   | -2                                | SW 3           | 03           | 57.85         | 5                  | 4,200                               | Sc                 | 2            | Asc           | 8     | *             |      |   |  |                                     |  |
| Shoeburyness...                                                         | 1022.6                 | -2                       | SW 3                              | 02f      | 59.65          | 5                   | 3,000                    | Sc                                  | 5                        | Asc           | 5                               | *                      | 1021.1                   | -1                                | SW 3           | 0            | 56.85         | 7                  | 4,200                               | Sc                 | 3            | Asc           | 7     | *             |      |   |  |                                     |  |
| Benson ...                                                              | 1021.8                 | -1                       | SSW 3                             | C        | 59.85          | 5                   | -                        | Cu                                  | 8                        | -             | -                               | *                      | 1020.3                   | -2                                | W 3            | C            | 58.85         | 7                  | -                                   | Cu                 | 3            | Cu            | 3     | *             |      |   |  |                                     |  |
| S. Farnborough ...                                                      | 1022.6                 | -2                       | SW 4                              | 02f      | 61.75          | 5                   | 3,000                    | Sc                                  | 4                        | Asc           | 6                               | *                      | 1020.5                   | -1                                | WSW 4          | C            | 58.85         | 7                  | 3,000                               | Sc                 | 2            | Asc           | 6     | *             |      |   |  |                                     |  |
| London (Kew Obs.)                                                       | 1022.0                 | -2                       | SSW 4                             | 01f      | 60.75          | 6                   | 5,700                    | Sc                                  | 7                        | Asc           | 3                               | *                      | 1020.1                   | -2                                | SSW 4          | 0            | 60.75         | 8                  | 5,700                               | Sc                 | 1            | Asc           | 8     | *             |      |   |  |                                     |  |
| Croydon ...                                                             | 1022.6                 | -2                       | SSW 3                             | 01f      | 59.65          | 7                   | 2,000                    | Sc                                  | 3                        | Asc           | 7                               | *                      | 1020.8                   | -3                                | SW 3           | 03           | 58.85         | 7                  | -                                   | -                  | -            | Asc           | 10    | *             |      |   |  |                                     |  |
| 1h. G.M.T. OF 25 <sup>th</sup>                                          |                        |                          |                                   |          |                |                     |                          |                                     |                          |               |                                 |                        |                          | 7h. G.M.T. OF 25 <sup>th</sup>    |                |              |               |                    |                                     |                    |              |               |       |               |      |   |  |                                     |  |
| Eskdalemuir ...                                                         | 1010.0                 | -2                       | SW 6                              | bc       | 44.85          | 7                   | -                        | Nb                                  | 3                        | -             | -                               | *                      | 1008.8                   | -1                                | WSW 6          | Cg           | 43.75         | 7                  | -                                   | Cu                 | 8            | -             | -     | *             |      |   |  |                                     |  |
| Valencia (Cahire'n)                                                     | 1021.1                 | 0                        | WNW 3                             | 0        | 48             | *                   | *                        | *                                   | *                        | *             | *                               | *                      | 1021.1                   | +1                                | WNW 5          | e            | 49.75         | 8                  | 4,200                               | Cu                 | 7            | -             | -     | 4             |      |   |  |                                     |  |
| Baldonnell ...                                                          | 1017.0                 | 0                        | W 5                               | 0        | 47.85          | 5                   | 750                      | St                                  | 10                       | -             | -                               | *                      | 1016.5                   | 0                                 | W 4            | bc           | 54.92         | 6                  | 2,000                               | St                 | 4            | -             | -     | *             |      |   |  |                                     |  |
| Didsbury ...                                                            | *                      | *                        | *                                 | *        | *              | *                   | *                        | *                                   | *                        | *             | *                               | *                      | 1014.1                   | 0                                 | WNW 5          | e            | 47.75         | 8                  | 750                                 | Cu                 | 6            | A-st          | 2     | *             |      |   |  |                                     |  |
| Falmouth ...                                                            | 1023.1                 | -2                       | W 5                               | 0        | 50.97          | 6                   | -                        | Nb                                  | 10                       | -             | -                               | *                      | 1021.7                   | +2                                | NW 3           | bc           | 49.75         | 6                  | -                                   | St                 | 3            | C-st          | 2     | *             |      |   |  |                                     |  |
| Calshot (Hants) ...                                                     | *                      | *                        | *                                 | *        | *              | *                   | *                        | *                                   | *                        | *             | *                               | *                      | 1019.2                   | 0                                 | W 4            | 01f          | 51.85         | 7                  | 1,250                               | St                 | 10           | -             | -     | 2             |      |   |  |                                     |  |
| Lymington (Folkestone)                                                  | *                      | *                        | *                                 | *        | *              | *                   | *                        | *                                   | *                        | *             | *                               | *                      | 1016.6                   | 0                                 | WSW 4          | 01f          | 50.97         | 7                  | 750                                 | St                 | 10           | -             | -     | *             |      |   |  |                                     |  |
| Aberdeen ...                                                            | *                      | *                        | *                                 | *        | *              | *                   | *                        | *                                   | *                        | *             | *                               | *                      | 1001.9                   | -2                                | WSW 4          | b            | 48.65         | 8                  | -                                   | -                  | -            | Cu            | 1     | 2             |      |   |  |                                     |  |
| Howden ...                                                              | 1013.1                 | -2                       | SSW 4                             | 0        | 48.85          | 5                   | 2,000                    | St                                  | 5                        | -             | -                               | *                      | 1011.7                   | 0                                 | WSW 6          | bc           | 48.75         | 7                  | 3,000                               | St                 | 4            | -             | -     | *             |      |   |  |                                     |  |
| Cranwell (Lines)                                                        | 1016.0                 | -2                       | WSW 3                             | 0m       | 50.97          | 5                   | 1,250                    | St                                  | 10                       | -             | -                               | *                      | 1014.7                   | 0                                 | W 4            | b            | 48.85         | 6                  | 3,000                               | Cu                 | 2            | A-st          | 1     | *             |      |   |  |                                     |  |
| Felixstowe ...                                                          | *                      | *                        | *                                 | *        | *              | *                   | *                        | *                                   | *                        | *             | *                               | *                      | 1017.0                   | -1                                | SW 4           | od           | 52.85         | 7                  | 3,000                               | St                 | 8            | A-st          | 2     | *             |      |   |  |                                     |  |
| Shoeburyness...                                                         | *                      | *                        | *                                 | *        | *              | *                   | *                        | *                                   | *                        | *             | *                               | *                      | 1017.0                   | 0                                 | WNW 3          | C            | 50.85         | 7                  | -                                   | St                 | 5            | -             | -     | *             |      |   |  |                                     |  |
| Benson ...                                                              | *                      | *                        | *                                 | *        | *              | *                   | *                        | *                                   | *                        | *             | *                               | *                      | 1017.6                   | 0                                 | W 4            | 0            | 50.85         | 7                  | 1,250                               | Nb                 | 9            | A-st          | 1     | *             |      |   |  |                                     |  |
| S. Farnborough ...                                                      | *                      | *                        | *                                 | *        | *              | *                   | *                        | *                                   | *                        | *             | *                               | *                      | 1017.1                   | 0                                 | WSW 4          | 0            | 52.85         | 7                  | 3,000                               | St                 | 5            | A-st          | 5     | *             |      |   |  |                                     |  |
| London (Kew Obs.)                                                       | 1019.8                 | -2                       | *                                 | *        | 53             | *                   | *                        | *                                   | *                        | *             | *                               | *                      | 1017.8                   | -2                                | W 4            | od           | 51.92         | 6                  | 750                                 | St                 | 8            | A-st          | 2     | *             |      |   |  |                                     |  |
| Croydon ...                                                             | 1019.4                 | -3                       | W 3                               | 0m       | 51.92          | 4                   | 2,000                    | St                                  | 3                        | A-st          | 7                               | *                      | 1017.8                   | -2                                | W 4            | od           | 51.92         | 6                  | 750                                 | St                 | 8            | A-st          | 2     | *             |      |   |  |                                     |  |
| STATIONS CONTRIBUTING REPORTS AT 7h. AND 19h.                           |                        |                          |                                   |          |                |                     |                          |                                     |                          |               |                                 |                        |                          |                                   |                |              |               |                    |                                     |                    |              |               |       |               |      |   |  |                                     |  |
| STATIONS.                                                               | BAROM.<br>at<br>M.S.L. | TEMP.<br>°F.             | WIND.<br>Direc.<br>Force<br>0-12. | Weather. | BAROMETER.     |                     | TEMPERATURE.             |                                     | WIND.                    |               | Direc.<br>of<br>Upper<br>Cloud. | Weather.               | Sea<br>0-9.              | Rainfall<br>mm.                   | TEMP.          |              | WEATHER.      |                    |                                     | Sunshine<br>Hours. |              |               |       |               |      |   |  |                                     |  |
|                                                                         | mb.                    | °F.                      | Direc.                            |          | Force<br>0-12. | at<br>M.S.L.<br>mb. | Change<br>in<br>3 hours. | Temp.<br>°F.                        | Change<br>in<br>3 hours. | Direc.        |                                 |                        |                          |                                   | Force<br>0-12. | Max.<br>°F.  | Min.<br>°F.   | Morning.           | Afternoon.                          |                    | Night.       |               |       |               |      |   |  |                                     |  |
| 19h. G.M.T. OF 24 <sup>th</sup>                                         |                        |                          |                                   |          |                |                     |                          |                                     |                          |               |                                 |                        |                          | 7h. G.M.T. OF 25 <sup>th</sup>    |                |              |               |                    |                                     |                    |              |               |       |               |      |   |  | 24 HOURS ENDED 7h. 25 <sup>th</sup> |  |
| Lerwick ...                                                             | 1004.6                 | 47                       | SW 3                              | Cm       | 994.5          | -3                  | 35                       | -1                                  | SW 2                     | W             | bcu                             | 1                      | 1                        | 51                                | 41             | omp          | Cm            | omp                | *                                   |                    |              |               |       |               |      |   |  |                                     |  |
| Stornoway ...                                                           | 1007.7                 | 49                       | SW 5                              | C        | 1004.7         | 0                   | 47                       | -                                   | WNW 6                    | -             | 0                               | 6                      | 2                        | 51                                | 43             | op           | op            | cop                | 1.9                                 |                    |              |               |       |               |      |   |  |                                     |  |
| Castlebay (Barra)                                                       | 1010.6                 | 51                       | SW 5                              | C        | 1007.5         | -1                  | 44                       | -5                                  | W 5                      | -             | C                               | *                      | 2                        | 55                                | 42             | omp          | cop           | cop                | 1.7                                 |                    |              |               |       |               |      |   |  |                                     |  |
| Glasgow ...                                                             | 1010.2                 | 48                       | W 4                               | omg      | 1005.7         | 0                   | 43                       | -5                                  | W 4                      | W             | Cg                              | 5                      | 2                        | 52                                | 42             | Cm           | Cm            | Cg                 | 5.1                                 |                    |              |               |       |               |      |   |  |                                     |  |
| Malin Head ...                                                          | 1015.6                 | 51                       | SW 3                              | bc       | 1015.4         | -2                  | 46                       | -4                                  | W 2                      | -             | bc                              | 3                      | 3                        | 55                                | 43             | bc           | bc            | bc                 | *                                   |                    |              |               |       |               |      |   |  |                                     |  |
| Blackod Point ...                                                       | 1021.3                 | 55                       | W 4                               | 0        | 1021.7         | +1                  | 48                       | -2                                  | WNW 4                    | -             | bc                              | 3                      | 0.1                      | 58                                | 47             | 0            | OCO           | C-be               | *                                   |                    |              |               |       |               |      |   |  |                                     |  |
| Roche's Point...                                                        | 1017.9                 | 53                       | W 3                               | C        | 1017.5         | -                   | 46                       | -4                                  | W 1                      | -             | C                               | *                      | 1                        | 55                                | 44             | om           | odr           | C                  | 2.0                                 |                    |              |               |       |               |      |   |  |                                     |  |
| Birr Castle ...                                                         | 1013.4                 | 55                       | W 4                               | bc3      | 1012.7         | +2                  | 46                       | -6                                  | W 3                      | NW            | bcu                             | 2                      | 1                        | 62                                | 42             | omp          | bcg           | bcg                | *                                   |                    |              |               |       |               |      |   |  |                                     |  |
| Donaghadee ...                                                          | 1016.1                 | 52                       | SW 4                              | T        | 1014.3         | 0                   | 46                       | -5                                  | WSW 5                    | SW            | bcg                             | 4                      | 1                        | 58                                | 45             | roc          | op            | py                 | 0.6                                 |                    |              |               |       |               |      |   |  |                                     |  |
| Liverpool (Bliston)                                                     | 1016.7                 | 51                       | SW 4                              | Cg       | 1015.7         | +1                  | 47                       | -2                                  | WSW 5                    | -             | b                               | 4                      | 1                        | 52                                | 46             | ory          | f             | cg                 | 0.0                                 |                    |              |               |       |               |      |   |  |                                     |  |
| Holyhead ...                                                            | 1021.2                 | 49                       | SW 4                              | 0m       | 1019.5         | -1                  | 48                       | 0                                   | SW 4                     | W             | C                               | 4                      | -                        | 50                                | 44             | of           | om            | om                 | 0.0                                 |                    |              |               |       |               |      |   |  |                                     |  |
| Pembroke (St. Ann's Head)                                               | 1025.5                 | 51                       | W 3                               | 0        | 1023.1         | -1                  | 48                       | -1                                  | NW 4                     | W             | C                               | 4                      | 0.2                      | 54                                | 48             | cf           | f             | f                  | 2.0                                 |                    |              |               |       |               |      |   |  |                                     |  |
| Sally (St. Mary's)                                                      | 1025.2                 | 50                       | W 3                               | 0m       | 1022.0         | 0                   | 51                       | +5                                  | W 3                      | -             | 0                               | 3                      | 0.1                      | 55                                | 46             | f            | bc            | o                  | 4.0                                 |                    |              |               |       |               |      |   |  |                                     |  |
| Jersey (St. Aubin)                                                      | 1022.2                 | 51                       | WSW 5                             | C        | 1018.6         | -4                  | 50                       | 0                                   | WSW 5                    | -             | 0                               | 5                      | -                        | 56                                | 46             | bc           | f             | bc                 | *                                   |                    |              |               |       |               |      |   |  |                                     |  |
| Portland Bill ...                                                       | 1020.9                 | 51                       | SW 4                              | 0        | 1016.6         | +2                  | 51                       | +1                                  | SW 4                     | SW            | C                               | 4                      | -                        | 56                                | 44             | C            | C             | o                  | *                                   |                    |              |               |       |               |      |   |  |                                     |  |
| Dungeness ...                                                           | 1003.3                 | 51                       | WSW 3                             | omg      | 997.1          | -3                  | 45                       | -4                                  | WSW 3                    | -             | omd                             | 3                      | 1                        | 59                                | 42             | omp          | omp           | omp                | *                                   |                    |              |               |       |               |      |   |  |                                     |  |
| Wick ...                                                                | 1004.5                 | 52                       | SW 2                              | C        | 1000.4         | -                   | 46                       | -5                                  | W 4                      | -             | geg                             | 3                      | 1                        | 60                                | 42             | C            | C             | C                  | 4.0                                 |                    |              |               |       |               |      |   |  |                                     |  |
| Nairn ...                                                               | 1009.1                 | 54                       | SW 3                              | C        | 1005.9         | 0                   | 46                       | -7                                  | W 4                      | -             | b                               | 3                      | 0.3                      | 60                                | 43             | op           | C             | C                  | *                                   |                    |              |               |       |               |      |   |  |                                     |  |
| Leith ...                                                               | 1011.9                 | 56                       | W 2                               | Cm       | 1007.8         | -2                  | 47                       | -3                                  | WNW 4                    | -             | bcu                             | 3                      | 2                        | 57                                | 45             | bc           | bc            | bc                 | *                                   |                    |              |               |       |               |      |   |  |                                     |  |
| Tynemouth ...                                                           | 1015.9                 | 56                       | WSW 4                             | Cg       | 1012.4         | 0                   | 49                       | 0                                   | WNW 6                    | -             | Cg                              | 4                      | 4                        | 59                                | 47             | om           | Cg            | C                  | *                                   |                    |              |               |       |               |      |   |  |                                     |  |
| Spurn Head ...                                                          | 1017.7                 | 59                       | WNW 3                             | C        | 1014.3         | -2                  | 52                       | +2                                  | WNW 3                    | -             | Cv                              | 3                      | -                        | 62                                | 49             | bc           | C             | C                  | 1.4                                 |                    |              |               |       |               |      |   |  |                                     |  |
| Yarmouth (Dorset)                                                       | 1019.8                 | 56                       | SW 3                              | 0        | 1016.2         | -1                  | 52                       | 0                                   | WSW 3                    | -             | og                              | 2                      | -                        | 60                                | 50             | bc           | bc            | bc                 | 3.6                                 |                    |              |               |       |               |      |   |  |                                     |  |
| Clacton-on-Sea ...                                                      | 1017.6                 | 57                       | WSW 3                             | 0        | 1014.3         | -                   | 50                       | +1                                  | W 3                      | -             | bc                              | *                      | 1                        | 61                                | 47             | C            | C             | C                  | 0.0                                 |                    |              |               |       |               |      |   |  |                                     |  |
| Nottingham ...                                                          | 1017.6                 | 57                       | WSW 3                             | 0        | 1014.3         | -                   | 50                       | +1                                  | W 3                      | -             | bc                              | *                      | 1                        | 61                                | 47             | C            | C             | C                  | 0.0                                 |                    |              |               |       |               |      |   |  |                                     |  |

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ For code see page 3.



# SUMMARY OF CONDITIONS AT 7 A.M.T. Sunday, 25th April, 1920.

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

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

A large depression off the North of Scotland is moving Eastward or E.S. Eastward, while very slight pressure irregularities are passing Eastwards across the British Isles. A Westerly type of weather, with occasional slight drizzle, and a good deal of rather low cloud, seems probable generally.

| Districts.                | Forecast for the 24 hours commencing 15h. G.M.T. Sunday, 25th April, 1920.                                                                                                                           |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. S.E. England           | Wind mainly Westerly, light or moderate, fresh at times locally; much rather low cloud, occasional drizzle, brighter intervals, visibility mainly fair to good; temperature moderate to rather high. |
| 2. E. England             |                                                                                                                                                                                                      |
| 3. E. Midlands            |                                                                                                                                                                                                      |
| 4. W. Midlands            |                                                                                                                                                                                                      |
| 5. S.W. England           |                                                                                                                                                                                                      |
| 6. South Wales            |                                                                                                                                                                                                      |
| 7. North Wales            |                                                                                                                                                                                                      |
| 8. N.W. England           |                                                                                                                                                                                                      |
| 9. N. Midlands            |                                                                                                                                                                                                      |
| 10. N.E. England          |                                                                                                                                                                                                      |
| 11. E. Scotland           | Wind W. to S.W., light or moderate, fresh at times; mainly cloudy, dull with drizzle occasionally, visibility fair; little change of temperature.                                                    |
| 12. S.W. Scotland         |                                                                                                                                                                                                      |
| 13. Isle of Man           |                                                                                                                                                                                                      |
| 14. N. & N.W. Scotland    |                                                                                                                                                                                                      |
| 15. Hebrides              |                                                                                                                                                                                                      |
| 16. Orkneys and Shetlands |                                                                                                                                                                                                      |
| 17. N.W. Ireland          |                                                                                                                                                                                                      |
| 18. N.E. Ireland          |                                                                                                                                                                                                      |
| 19. S.E. Ireland          |                                                                                                                                                                                                      |
| 20. S.W. Ireland          |                                                                                                                                                                                                      |

**EXPLANATION.**  
 SANDWICHES.—Islands are shown by small circles.  
 WIND.—Direction is shown by arrow.  
 FORCE.—Force is shown by the number of the wind.  
 0-12 is indicated by the number of the wind.  
 13-20 is indicated by the number of the wind.  
 21-30 is indicated by the number of the wind.  
 31-40 is indicated by the number of the wind.  
 41-50 is indicated by the number of the wind.  
 51-60 is indicated by the number of the wind.  
 61-70 is indicated by the number of the wind.  
 71-80 is indicated by the number of the wind.  
 81-90 is indicated by the number of the wind.  
 91-100 is indicated by the number of the wind.  
 101-110 is indicated by the number of the wind.  
 111-120 is indicated by the number of the wind.  
 121-130 is indicated by the number of the wind.  
 131-140 is indicated by the number of the wind.  
 141-150 is indicated by the number of the wind.  
 151-160 is indicated by the number of the wind.  
 161-170 is indicated by the number of the wind.  
 171-180 is indicated by the number of the wind.  
 181-190 is indicated by the number of the wind.  
 191-200 is indicated by the number of the wind.  
 201-210 is indicated by the number of the wind.  
 211-220 is indicated by the number of the wind.  
 221-230 is indicated by the number of the wind.  
 231-240 is indicated by the number of the wind.  
 241-250 is indicated by the number of the wind.  
 251-260 is indicated by the number of the wind.  
 261-270 is indicated by the number of the wind.  
 271-280 is indicated by the number of the wind.  
 281-290 is indicated by the number of the wind.  
 291-300 is indicated by the number of the wind.  
 301-310 is indicated by the number of the wind.  
 311-320 is indicated by the number of the wind.  
 321-330 is indicated by the number of the wind.  
 331-340 is indicated by the number of the wind.  
 341-350 is indicated by the number of the wind.  
 351-360 is indicated by the number of the wind.  
 361-370 is indicated by the number of the wind.  
 371-380 is indicated by the number of the wind.  
 381-390 is indicated by the number of the wind.  
 391-400 is indicated by the number of the wind.  
 401-410 is indicated by the number of the wind.  
 411-420 is indicated by the number of the wind.  
 421-430 is indicated by the number of the wind.  
 431-440 is indicated by the number of the wind.  
 441-450 is indicated by the number of the wind.  
 451-460 is indicated by the number of the wind.  
 461-470 is indicated by the number of the wind.  
 471-480 is indicated by the number of the wind.  
 481-490 is indicated by the number of the wind.  
 491-500 is indicated by the number of the wind.  
 501-510 is indicated by the number of the wind.  
 511-520 is indicated by the number of the wind.  
 521-530 is indicated by the number of the wind.  
 531-540 is indicated by the number of the wind.  
 541-550 is indicated by the number of the wind.  
 551-560 is indicated by the number of the wind.  
 561-570 is indicated by the number of the wind.  
 571-580 is indicated by the number of the wind.  
 581-590 is indicated by the number of the wind.  
 591-600 is indicated by the number of the wind.  
 601-610 is indicated by the number of the wind.  
 611-620 is indicated by the number of the wind.  
 621-630 is indicated by the number of the wind.  
 631-640 is indicated by the number of the wind.  
 641-650 is indicated by the number of the wind.  
 651-660 is indicated by the number of the wind.  
 661-670 is indicated by the number of the wind.  
 671-680 is indicated by the number of the wind.  
 681-690 is indicated by the number of the wind.  
 691-700 is indicated by the number of the wind.  
 701-710 is indicated by the number of the wind.  
 711-720 is indicated by the number of the wind.  
 721-730 is indicated by the number of the wind.  
 731-740 is indicated by the number of the wind.  
 741-750 is indicated by the number of the wind.  
 751-760 is indicated by the number of the wind.  
 761-770 is indicated by the number of the wind.  
 771-780 is indicated by the number of the wind.  
 781-790 is indicated by the number of the wind.  
 791-800 is indicated by the number of the wind.  
 801-810 is indicated by the number of the wind.  
 811-820 is indicated by the number of the wind.  
 821-830 is indicated by the number of the wind.  
 831-840 is indicated by the number of the wind.  
 841-850 is indicated by the number of the wind.  
 851-860 is indicated by the number of the wind.  
 861-870 is indicated by the number of the wind.  
 871-880 is indicated by the number of the wind.  
 881-890 is indicated by the number of the wind.  
 891-900 is indicated by the number of the wind.  
 901-910 is indicated by the number of the wind.  
 911-920 is indicated by the number of the wind.  
 921-930 is indicated by the number of the wind.  
 931-940 is indicated by the number of the wind.  
 941-950 is indicated by the number of the wind.  
 951-960 is indicated by the number of the wind.  
 961-970 is indicated by the number of the wind.  
 971-980 is indicated by the number of the wind.  
 981-990 is indicated by the number of the wind.  
 991-1000 is indicated by the number of the wind.

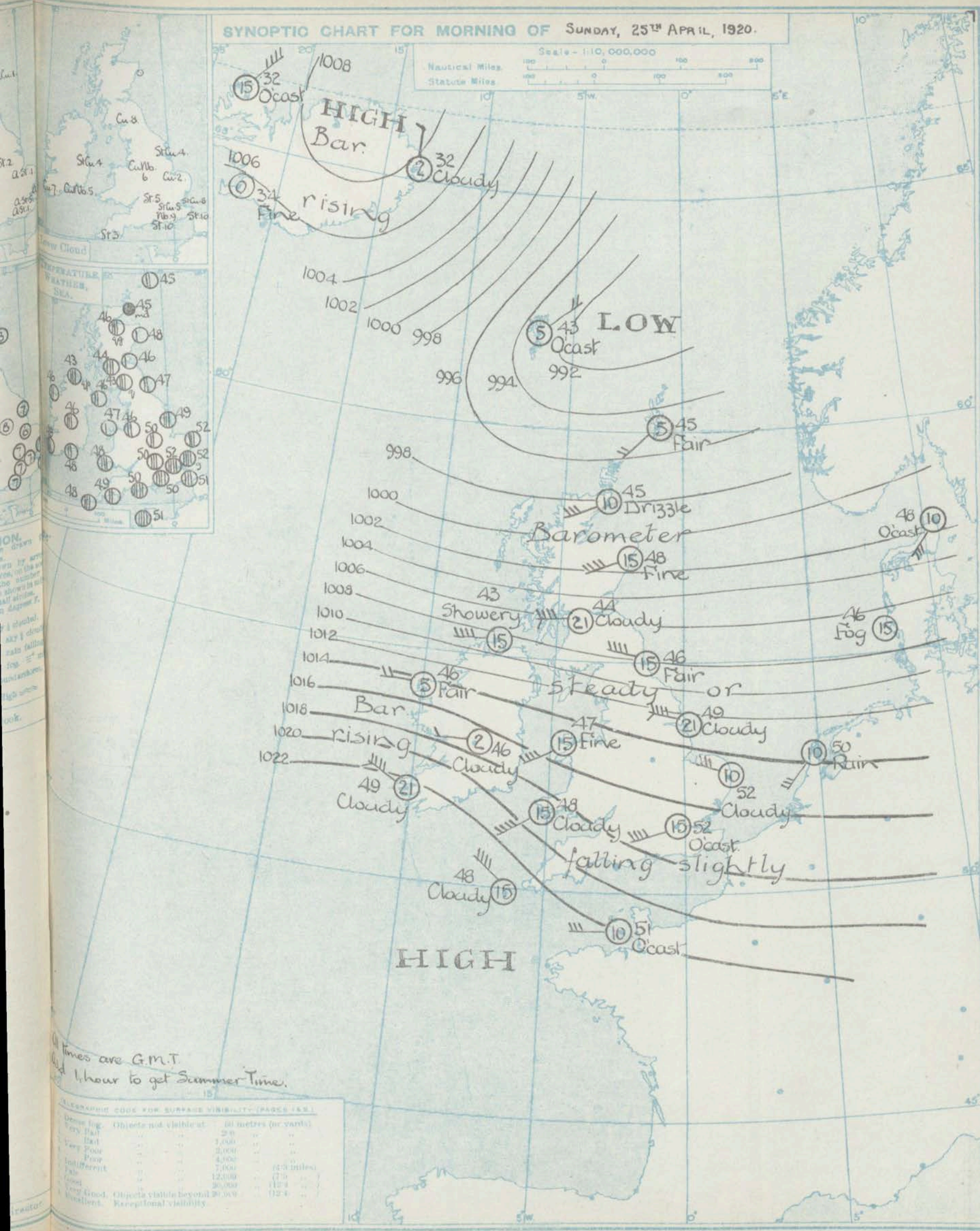
Farther Outlook.

Similar conditions continuing.



# SYNOPTIC CHART FOR MORNING OF SUNDAY, 25<sup>TH</sup> APRIL, 1920.

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



Times are G.M.T.  
Add 1 hour to get Summer Time.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 133)

| English     | Objects not visible at        | (in metres (or yards)) |
|-------------|-------------------------------|------------------------|
| Dense fog   | "                             | 200                    |
| Very bad    | "                             | 1,000                  |
| Bad         | "                             | 2,000                  |
| Very poor   | "                             | 4,000                  |
| Poor        | "                             | 7,000                  |
| Indifferent | "                             | 12,000                 |
| Good        | "                             | 20,000                 |
| Very Good   | Objects visible beyond 20,000 | (12.4 miles)           |
| Excellent   | Exceptional visibility        | (12.4 miles)           |



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 116.

Sunday  
25<sup>th</sup> April 1920WEATHER, TEMPERATURE RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 24<sup>th</sup>

| STATIONS.     |                      | WEATHER.         |            | TEMPERATURE. |              | Rainfall.         |                 | SUNSHINE. |                            | STATIONS.          |                      | WEATHER.      |            | TEMPERATURE. |              | Rainfall.         |                 | SUNSHINE. |                            |
|---------------|----------------------|------------------|------------|--------------|--------------|-------------------|-----------------|-----------|----------------------------|--------------------|----------------------|---------------|------------|--------------|--------------|-------------------|-----------------|-----------|----------------------------|
|               |                      | Forenoon.        | Afternoon. | Max.<br>° F. | Min.<br>° F. | Night.<br>17h-9h. | Day.<br>9h-17h. | to 17h.   | Sunrise<br>to Sun-<br>set. |                    |                      | Forenoon.     | Afternoon. | Max.<br>° F. | Min.<br>° F. | Night.<br>17h-9h. | Day.<br>9h-17h. | to 17h.   | Sunrise<br>to Sun-<br>set. |
| Scotland.     | Oban ... ..          | ocpc             | c          | 50           | 44           | 8                 | 1               | 2.7       | 4.8                        | England,<br>N.W.   | Douglas (L.O.M.)     |               |            |              |              |                   |                 |           |                            |
|               | Banff ... ..         | oc               | bcgo       | 60           | 44           | 1                 | -               | 3.8       | 11.0                       |                    | Blackpool ... ..     |               |            |              |              |                   |                 |           |                            |
|               | Montrose ... ..      | o                | bc.c       | 60           | 44           | 0.3               | -               | 3.0       | 7.0                        |                    | Southport ... ..     | po            | opo        | 54           | 47           | 5                 | 0.3             | 0.0       | 8.8                        |
|               | St. Andrews ... ..   |                  |            |              |              |                   |                 |           |                            |                    |                      |               |            |              |              |                   |                 |           |                            |
|               | England, N.E.        | Harrogate ... .. | odp        | od           | 55           | 45                | -               | 1         | 0.0                        |                    | 2.8                  | Buxton ... .. | pcbc       | bc.c         | 56           | 49                | 1               | 1         | 0.6                        |
| England, E.   | Scarborough ... ..   | op               | o          | 59           | 43           | 1                 | 1               | 0.5       | 4.8                        | Leamington Spa...  |                      |               |            |              |              |                   |                 |           |                            |
|               | Skegness ... ..      |                  |            |              |              |                   |                 |           |                            | Malvern ... ..     | oc                   | bc.c          | 60         | 52           | 0.2          | 0.2               | 1.1             | 5.1       |                            |
|               | Lowestoft ... ..     |                  |            |              |              |                   |                 |           |                            | Ross-on-Wye ... .. | omdc                 | bc            | 61         | 47           | -            | 0.2               | 2.7             | 6.5       |                            |
|               | Felixstowe ... ..    | bcm              | cgm        | 61           | 49           | -                 | -               | 4.6       | 2.3                        | Bath ... ..        | o                    | o             | 59         | 46           | -            | -                 | 0.3             | 5.9       |                            |
|               | Southend-on-Sea...   | c.bc.c           | o.c.o      | 61           | 45           | -                 | -               | 2.8       | 0.4                        | Rhyl ... ..        |                      |               |            |              |              |                   |                 |           |                            |
| England, S.E. | Tunbridge Wells      | bc.              | c          | 61           | 40           | -                 | -               | 3.2       | 0.1                        | Wales.             | Colwyn Bay ... ..    | *             | *          |              |              |                   |                 |           |                            |
|               | Margate ... ..       | bc               | c          | 65           | 47           | -                 | -               | 3.6       | 0.9                        |                    | Llandudno ... ..     | pc            | po         | 57           | 49           | 2                 | 0.3             | 1.1       | 7.8                        |
|               | Ramsgate ... ..      | *                | *          | 59           | 45           | -                 | -               | 4.8       | 0.0                        |                    | Aberystwyth ... ..   | erdc          | bc         | 51           | 48           | 1                 | -               | 1.5       | 4.0                        |
|               | Folkestone ... ..    | o                | co         | 57           | 44           | -                 | -               | 3.0       | 0.0                        |                    | Swansea ... ..       |               |            |              |              |                   |                 |           |                            |
|               | Hastings ... ..      | b                | bc         | 57           | 45           | -                 | -               | 5.0       | 0.3                        |                    | Weymouth ... ..      | c.            | c.         | 59           | 44           | -                 | -               | 2.7       | 10.0                       |
| England, S.W. | Eastbourne ... ..    | bc.c             | co         | 58           | 44           | -                 | -               | 4.8       | 0.3                        | England, S.W.      | Teignmouth ... ..    |               |            |              |              |                   |                 |           |                            |
|               | Brighton ... ..      |                  |            |              |              |                   |                 |           |                            |                    | Torquay ... ..       | bcbe          | b          | 61           | 46           | -                 | -               | 7.1       | 10.2                       |
|               | Worthing ... ..      | bc.c             | co         | 57           | 42           | -                 | -               | 3.0       | 2.1                        |                    | Paignton ... ..      | bc            | bc         | 61           | 42           | -                 | -               | 6.3       | 10.9                       |
|               | Littlehampton ... .. | cm               | ome        | 54           | 39           | -                 | -               | 1.7       | 1.1                        |                    | Penzance ... ..      | oc            | bc.c       | 56           | 47           | -                 | -               | 1.5       | 6.0                        |
|               | Portsmouth (S'base)  | -                | -          | 57           | 43           | -                 | -               | 1.2       | 2.3                        |                    | Newquay ... ..       |               |            |              |              |                   |                 |           |                            |
|               | Bournemouth ... ..   | *                | *          | 59           | 42           | -                 | -               | 2.7       | 7.5                        |                    | Bude ... ..          | odmo          | odm        | 52           | 47           | 0.1               | -               | 0.0       | 4.4                        |
|               | Ventnor (I. of W.)   | *                | *          | 56           | 46           | -                 | -               | 1.6       | 3.7                        |                    | Ilfracombe ... ..    |               |            |              |              |                   |                 |           |                            |
|               |                      |                  |            |              |              |                   |                 |           |                            |                    | Weston-s-Mare ... .. |               |            |              |              |                   |                 |           |                            |
|               |                      |                  |            |              |              |                   |                 |           |                            |                    | Tenby ... ..         | moc           | mfd        | 52           | 49           | 0.3               | -               | 0.0       | 8.2                        |
|               |                      |                  |            |              |              |                   |                 |           |                            |                    |                      |               |            |              |              |                   |                 |           |                            |

## SUMMARIES FOR PAST 24 HOURS.

| STATIONS.                  | WEATHER. |          | TEMPERATURE. |             | RAINFALL.         |                 | SUNSHINE.      |                |
|----------------------------|----------|----------|--------------|-------------|-------------------|-----------------|----------------|----------------|
|                            | 7h-15h.  | 15h-18h. | Max.<br>°F.  | Min.<br>°F. | Night.<br>17h-7h. | Day.<br>7h-15h. | Sun.<br>Hours. | Sun.<br>Hours. |
|                            |          |          |              |             |                   |                 |                |                |
| Eskdalemuir ...            | odmo     | ocbcg    | 56           | 39          | 34                | 2               | 3              | 4.2            |
| Valencia (Cahirciveen) ... | odmo     | omdc     | 53           | 47          | 44                | -               | -              | 0.6            |
| Baldonnell ...             | poq.     | pd.g     | 56           | 42          | 31                | -               | 2              | 0.3            |
| Didsbury ...               | ogp.     | op.      | *            | *           | *                 | *               | *              | *              |
| Falmouth ...               | feom     | cmom     | 57           | 46          | 46                | *               | *              | 1.1            |
| Calshot (Hants) ...        | co.f     | of.f     | 56           | 44          | 47                | -               | -              | 1.1            |
| Lympe (Folkestone) ...     | ofeom    | com.     | 62           | 46          | 44                | -               | Trace          | 2.7            |
| Aberdeen ...               | ofbcy    | bc.y.c.  | 62           | 43          | 35                | -               | -              | 4.4            |
| Howden ...                 | om.      | og.      | 57           | 47          | *                 | *               | *              | *              |
| Cranwell (Lincs) ...       | ofr.     | bc.c.o   | 61           | 47          | *                 | Trace           | Trace          | 1.1            |
| Felixstowe ...             | c.og.    | c.og.    | 61           | 50          | 49                | -               | -              | 2.4            |
| Shoeburyness ...           | bc.emoz  | oz.o.    | 61           | 50          | 49                | -               | -              | 2.4            |
| Benson ...                 | c.       | bc.      | 63           | 48          | 47                | -               | -              | *              |
| S. Farnborough ...         | om.og.   | oc.      | 64           | 46          | 44                | -               | Trace          | 1.5            |
| London (Kew Obsy.) ...     | om.wo.   | o.c.o    | 63           | 49          | 48                | -               | -              | 0.9            |
| Croydon ...                | oz.odoz  | o.c.o    | 62           | 47          | *                 | Trace           | Trace          | *              |

## BEAUFORT NOTATION.

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

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

## THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.

| 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                                               | 1.0-3.3            |
| 3   | 8-12                                              | 5.4-6.4            |
| 4   | 13-18                                             | 5.8-7.9            |
| 5   | 19-24                                             | 8.0-10.7           |
| 6   | 25-31                                             | 10.8-13.3          |
| 7   | 32-38                                             | 13.9-17.1          |
| 8   | 39-46                                             | 17.2-20.7          |
| 9   | 47-54                                             | 20.8-24.4          |
| 10  | 55-63                                             | 24.5-25.4          |
| 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.                                        |            |        | Max. Temp. °F. | Min. Temp. °F. | Min. on Grass. °F. | Rain-fall. mm. | Sun-shine to Sunset. Hours. | HUMIDITY %   |             | SOUTH KENSINGTON (Meteorological Office).                                        | TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. |                 |              |                |
|--------------------------------|-------------------------------------------------|------------|--------|----------------|----------------|--------------------|----------------|-----------------------------|--------------|-------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------|--------------|----------------|
|                                | Morning.                                        | Afternoon. | Night. |                |                |                    |                |                             | 15 h. G.M.T. | 9 h. G.M.T. |                                                                                  | Stations.                                                                                         | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|                                |                                                 |            |        |                |                |                    |                |                             |              |             |                                                                                  |                                                                                                   |                 |              |                |
|                                | 24 HOURS ENDED WH G.M.T. 25 <sup>th</sup> ..... |            |        |                |                |                    |                |                             | YESTERDAY.   | TO-DAY.     | Vertical Component of Solar Radiation per Square Centimetre during yesterday.    | 25 <sup>th</sup> & 26 <sup>th</sup> April 1920.                                                   |                 |              |                |
| Greenwich (Royal Observatory)  | o.                                              | o.c.o      | o.od   | 66             | 50             | 47                 | -              | 2.5                         | 61           | 64          | Total ..... joules.<br><br>Milliwatts.<br><br>Average Rate.<br><br>Maximum Rate. | Yarmouth...                                                                                       | 4.37            | 11.51        | 7.4            |
| City (Bunhill Row) ...         | *                                               | *          | *      | *              | *              | *                  | *              | *                           | 59           | 59          |                                                                                  | Greenwich                                                                                         | 4.35            | 11.51        | 7.6            |
| Westminster (St. James's Park) | *                                               | *          | *      | 65             | 57             | 39                 | -              | *                           | 59           | 59          |                                                                                  | Wick                                                                                              | 4.47            | 11.58        | 7.9            |
| .. (Admiralty Arch)            | cz.odbcz                                        | cz.e       | o.om   | 64             | 52             | *                  | -              | 1.3                         | 71           | 65          |                                                                                  | Valencia                                                                                          | 4.45            | 11.58        | 7.11           |
| Camden Sq. (British Rainfall)  | c.be                                            | c.o.c      | *      | 65             | 51             | 50                 | 0.3            | *                           | 73           | 59          |                                                                                  | Wick                                                                                              | 4.38            | 12.10        | 7.42           |
| Kensington Palace ... ..       | c                                               | o          | *      | 64             | 49             | 50                 | -              | *                           | 75 (18h)     | 60          | Wick                                                                             | 4.35                                                                                              | 12.10           | 7.45         |                |
| Hampstead Observatory ...      | *                                               | *          | *      | 62             | 49             | 47                 | Trace          | 1.6                         | *            | 64          | Valencia                                                                         | 5.27                                                                                              | 12.39           | 7.52         |                |

## NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose to 60° or rather higher over a large portion of the Kingdom and remained high for the time of year during the night. At Greenwich the maximum was 66°. Slight rain was experienced in most districts, and the duration of sunshine was generally slight except at a few stations in the S.W. of England. Fog or mist prevailed on many parts of the coast.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B.21,340

... MONDAY, 26<sup>TH</sup> APRIL, 1920.

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

| STATIONS.                      | BAROM.<br>at<br>M.S.L.<br>mb. | Change<br>in 3<br>hours. | WIND. |       | WEATHER. | TEMP.<br>°F. | Humidity.<br>% | Visibility.<br>0-9. | Height<br>of Low<br>Cloud.<br>Feet. | Low Cloud. |      | Upper Cloud. |      | Sea | BAROM.<br>at<br>M.S.L.<br>mb.   | Change<br>in 3<br>hours. | WIND. |       | WEATHER. | TEMP.<br>°F. | Humidity.<br>% | Visibility.<br>0-9. | Height<br>of Low<br>Cloud.<br>Feet. | Low Cloud. |      | Upper Cloud. |   | Sea |  |
|--------------------------------|-------------------------------|--------------------------|-------|-------|----------|--------------|----------------|---------------------|-------------------------------------|------------|------|--------------|------|-----|---------------------------------|--------------------------|-------|-------|----------|--------------|----------------|---------------------|-------------------------------------|------------|------|--------------|---|-----|--|
|                                |                               |                          | Dir.  | Force |          |              |                |                     |                                     | Form.      | Amt. | Form.        | Amt. |     |                                 |                          | Dir.  | Force |          |              |                |                     |                                     | Form.      | Amt. |              |   |     |  |
|                                |                               |                          |       |       |          |              |                |                     |                                     |            |      |              |      |     |                                 |                          |       |       |          |              |                |                     |                                     |            |      |              |   |     |  |
| 13H. G.M.T. 25 <sup>th</sup>   |                               |                          |       |       |          |              |                |                     |                                     |            |      |              |      |     | 18H. G.M.T. OF 25 <sup>th</sup> |                          |       |       |          |              |                |                     |                                     |            |      |              |   |     |  |
| Eskdalemuir                    | 1008.1                        | 0                        | W     | 6     | cq       | 46           | 75             | 8                   | -                                   | Cu         | 6    | Ci           | 2    | *   | 1006.0                          | 0                        | W     | 5     | og       | 48           | 85             | 7                   | 2000                                | Nb         | 8    | Ast          | 2 | *   |  |
| Valencia (Cahire'n)            | 1023.6                        | +1                       | WNW   | 4     | bv       | 52           | 75             | 8                   | 3,000                               | An         | 7    | -            | -    | 5   | 1023.9                          | +1                       | WNW   | 4     | c        | 49           | 75             | 8                   | 3,000                               | St Cu      | 7    | A Cu         | 1 | 4   |  |
| Baldonnell                     | 1016.4                        | 0                        | W     | 4     | bcq      | 50           | 75             | 6                   | 4200                                | St Cu      | 5    | -            | -    | *   | 1016.3                          | 0                        | W     | 4     | cq       | 48           | 85             | 6                   | 1250                                | St Cu      | 6    | A Cu         | 2 | *   |  |
| Didsbury                       | 1013.3                        | 0                        | WNW   | 6     | c        | 53           | ?              | 8                   | 2000                                | Cu         | 8    | -            | -    | *   | 1012.3                          | -2                       | NW    | 6     | c        | 51           | ?              | 7                   | 1250                                | Ficu       | 3    | A Cu         | 4 | *   |  |
| Falmouth                       | 1021.9                        | -1                       | WNW   | 5     | cq       | 58           | 65             | 8                   | -                                   | Cu         | 7    | -            | -    | *   | 1021.0                          | 0                        | WNW   | 5     | bq       | 51           | 75             | 6                   | -                                   | Nb         | 2    | -            | - | *   |  |
| Calshot (Hants)                | 1017.7                        | -3                       | W     | 5     | c        | 56           | 65             | 8                   | 2000                                | St Cu      | 8    | -            | -    | 2   | 1016.7                          | 0                        | WNW   | 5     | b        | 54           | 65             | 8                   | 2000                                | St Cu      | 3    | -            | - | 3   |  |
| Lympne (Folkestone)            | 1014.9                        | -2                       | W     | 5     | cy       | 55           | 55             | 8                   | ?                                   | ?          | ?    | ?            | ?    | *   | 1014.2                          | -1                       | WNW   | 5     | bc       | 53           | 65             | 8                   | 5700                                | St Cu      | 5    | -            | - | *   |  |
| Aberdeen                       | 1001.1                        | 0                        | W     | 5     | o        | 54           | 48             | 8                   | -                                   | Cu         | 3    | Ast          | 6    | 3   | 1001.3                          | +2                       | W     | 4     | bc       | 49           | ?              | ?                   | -                                   | St Cu      | 5    | Ci           | 1 | 3   |  |
| Howden                         | 1011.5                        | -1                       | WSW   | 6     | cq       | 52           | 65             | 6                   | 3000                                | Nb         | 7    | -            | -    | *   | 1010.7                          | -1                       | W     | 6     | bcq      | 49           | 65             | 6                   | 3000                                | St Cu      | 3    | Ci Cu        | 2 | *   |  |
| Cranwell (Lincs)               | 1013.9                        | -1                       | WNW   | 6     | c        | 52           | 65             | 7                   | 2000                                | Cu         | 7    | -            | -    | *   | 1014.0                          | 0                        | W     | 3     | b        | 53           | 65             | 7                   | 4200                                | Cu         | 3    | Ast          | 1 | *   |  |
| Felixstowe                     | 1015.2                        | -2                       | W     | 3     | b        | 52           | 85             | 7                   | 2000                                | Cu         | 4    | Ast          | 1    | 3   | 1014.5                          | 0                        | SW    | 3     | bc       | 55           | 55             | 7                   | 3000                                | St Cu      | 4    | -            | - | *   |  |
| Shoeburyness                   | 1015.5                        | -1                       | W     | 2     | cu       | 55           | 55             | 7                   | 2000                                | St Cu      | 4    | A Cu         | 3    | *   | 1014.5                          | 0                        | SW    | 3     | bc       | 55           | 55             | 7                   | 3000                                | St Cu      | 4    | -            | - | *   |  |
| Benson                         | 1016.1                        | -1                       | W     | 3     | c        | 57           | 65             | 8                   | -                                   | Cu         | 4    | -            | -    | *   | 1015.5                          | 0                        | WNW   | 3     | bc       | 52           | 55             | 8                   | -                                   | Cu         | 4    | -            | - | *   |  |
| S. Farnborough                 | 1017.6                        | -1                       | W     | 4     | o        | 55           | 65             | 7                   | 2000                                | St Cu      | 9    | -            | -    | *   | 1015.8                          | -1                       | W     | 4     | c        | 54           | 65             | 6                   | 2000                                | St Cu      | 7    | Ast          | 1 | *   |  |
| London (Kew Obs.)              | 1015.9                        | -1                       | WSW   | 4     | cy       | 55           | 55             | 8                   | 3000                                | St Cu      | 5    | A Cu         | 3    | *   | 1015.1                          | 0                        | NW    | 3     | bcq      | 56           | 45             | 8                   | 3000                                | St Cu      | 2    | A Cu         | 2 | *   |  |
| Croydon                        | 1016.3                        | -1                       | W     | 5     | o2       | 55           | 65             | 7                   | 2000                                | St Cu      | 7    | Ast          | 2    | *   | 1015.1                          | -1                       | W     | 3     | bc2      | 58           | 65             | 7                   | 4200                                | St Cu      | 5    | A Cu         | 1 | *   |  |
| 1H. G.M.T. OF 26 <sup>th</sup> |                               |                          |       |       |          |              |                |                     |                                     |            |      |              |      |     | 7H. G.M.T. OF 26 <sup>th</sup>  |                          |       |       |          |              |                |                     |                                     |            |      |              |   |     |  |
| Eskdalemuir                    | 1008.3                        | 0                        | NW    | 6     | bcq      | 42           | 85             | 8                   | -                                   | Cu         | 3    | Ai           | 1    | *   | 1013.6                          | +6                       | N     | 4     | bv       | 44           | 75             | 9                   | -                                   | St Cu      | 2    | -            | - | *   |  |
| Valencia (Cahire'n)            | 1023.0                        | +2                       | WNW   | 6     | bc       | 46           | ?              | ?                   | ?                                   | ?          | ?    | ?            | ?    | *   | 1024.0                          | +3                       | NNW   | 4     | c        | 48           | 75             | 7                   | 3000                                | St Cu      | 7    | -            | - | 4   |  |
| Baldonnell                     | 1016.9                        | 0                        | WNW   | 4     | og       | 43           | 92             | 4                   | 1250                                | St Cu      | 10   | -            | -    | *   | 1016.0                          | +4                       | NW    | 3     | bc       | 46           | 45             | 6                   | 750                                 | St Cu      | 2    | Ast          | 2 | *   |  |
| Didsbury                       | 1013.4                        | 0                        | W     | 3     | o        | 47           | 4              | 3                   | 2000                                | St Cu      | 4    | A Cu         | 5    | *   | 1013.4                          | +5                       | NNW   | 3     | o        | 47           | 4              | 3                   | 2000                                | St Cu      | 4    | A Cu         | 5 | *   |  |
| Falmouth                       | 1020.4                        | -1                       | NW    | 4     | b        | 46           | 85             | 8                   | -                                   | Cu         | 2    | -            | -    | *   | 1020.9                          | +1                       | NW    | 5     | og       | 48           | 75             | 7                   | -                                   | Cu         | 9    | -            | - | *   |  |
| Calshot (Hants)                | 1015.1                        | -4                       | W     | 4     | c        | 45           | 92             | 8                   | 4200                                | St         | Y    | -            | -    | 2   | 1015.0                          | +3                       | NW    | 5     | bc       | 49           | 85             | 9                   | 3000                                | F. Cu      | 4    | -            | - | 3   |  |
| Lympne (Folkestone)            | 1011.0                        | 0                        | WNW   | 5     | or       | 45           | 92             | 8                   | 2000                                | Nb         | 4    | Ast          | 5    | *   | 1011.0                          | 0                        | WNW   | 5     | or       | 45           | 92             | 8                   | 2000                                | Nb         | 4    | Ast          | 5 | *   |  |
| Aberdeen                       | 1007.8                        | -2                       | WSW   | 6     | og       | 46           | 85             | 5                   | 2,000                               | Nb         | 10   | -            | -    | *   | 1011.4                          | +5                       | NW    | 5     | c        | 44           | 75             | 8                   | -                                   | Cu         | 8    | -            | - | 3   |  |
| Howden                         | 1009.8                        | -2                       | WNW   | 4     | or       | 44           | 97             | 5                   | 2,000                               | Nb         | 10   | -            | -    | *   | 1010.0                          | +4                       | NNW   | 6     | og       | 47           | 85             | 5                   | 1250                                | St.        | 10   | -            | - | *   |  |
| Cranwell (Lincs)               | 1009.8                        | -2                       | WNW   | 4     | or       | 44           | 97             | 5                   | 2,000                               | Nb         | 10   | -            | -    | *   | 1012.1                          | +6                       | NNW   | 4     | o        | 46           | 92             | 5                   | 4200                                | St Cu      | 9    | -            | - | *   |  |
| Felixstowe                     | 1010.9                        | -1                       | WNW   | 4     | o        | 47           | 97             | 5                   | 2000                                | St Cu      | 10   | -            | -    | 3   | 1010.9                          | +1                       | WNW   | 4     | o        | 47           | 97             | 5                   | 2000                                | St Cu      | 10   | -            | - | 3   |  |
| Shoeburyness                   | 1011.5                        | 0                        | NW    | 2     | c        | 48           | 75             | 7                   | 3000                                | St Cu      | 5    | A Cu         | 3    | *   | 1011.5                          | 0                        | NW    | 2     | c        | 48           | 75             | 7                   | 3000                                | St Cu      | 5    | A Cu         | 3 | *   |  |
| Benson                         | 1012.9                        | +3                       | WNW   | 5     | c        | 46           | 85             | 8                   | -                                   | Cu         | 7    | -            | -    | *   | 1012.9                          | +3                       | WNW   | 5     | c        | 46           | 85             | 8                   | -                                   | Cu         | 7    | -            | - | *   |  |
| S. Farnborough                 | 1013.5                        | 0                        | WNW   | 4     | c        | 47           | 85             | 8                   | 1250                                | St Cu      | 7    | A Cu         | 1    | *   | 1013.5                          | 0                        | WNW   | 4     | c        | 47           | 85             | 8                   | 1250                                | St Cu      | 7    | A Cu         | 1 | *   |  |
| London (Kew Obs.)              | 1013.0                        | +4                       | WNW   | 3     | om       | 48           | 75             | 6                   | 4200                                | St Cu      | 7    | Ast          | 2    | *   | 1013.0                          | +4                       | WNW   | 3     | om       | 48           | 75             | 6                   | 4200                                | St Cu      | 7    | Ast          | 2 | *   |  |
| Croydon                        | 1013.1                        | +3                       | WNW   | 4     | om       | 46           | 92             | 6                   | 2000                                | Nb         | 9    | -            | -    | *   | 1013.1                          | +3                       | WNW   | 4     | om       | 46           | 92             | 6                   | 2000                                | Nb         | 9    | -            | - | *   |  |

## STATIONS CONTRIBUTING REPORTS AT 7H. AND 19H.

| STATIONS.                       | BAROM.<br>at<br>M.S.L.<br>mb. | TEMP.<br>°F. | WIND. |                | Weather. | BAROMETER.                     |                          | TEMPERATURE. |                           | WIND. |                | Dir.<br>of<br>Upper<br>Cloud.       | Weather. | Sea<br>0-9. | Rainfall<br>mm. | TEMP.       |             | WEATHER.         |            |         | Sunshine<br>Hours. |
|---------------------------------|-------------------------------|--------------|-------|----------------|----------|--------------------------------|--------------------------|--------------|---------------------------|-------|----------------|-------------------------------------|----------|-------------|-----------------|-------------|-------------|------------------|------------|---------|--------------------|
|                                 |                               |              | Dir.  | Force<br>0-12. |          | at<br>M.S.L.<br>mb.            | Change<br>in<br>3 hours. | Temp.<br>°F. | Change<br>in<br>24 hours. | Dir.  | Force<br>0-12. |                                     |          |             |                 | Max.<br>°F. | Min.<br>°F. | Morning.         | Afternoon. | Night.  |                    |
|                                 |                               |              |       |                |          |                                |                          |              |                           |       |                |                                     |          |             |                 |             |             |                  |            |         |                    |
| 13H. G.M.T. of 25 <sup>th</sup> |                               |              |       |                |          | 7H. G.M.T. of 26 <sup>th</sup> |                          |              |                           |       |                | 24 HOURS ENDED 7H. 26 <sup>th</sup> |          |             |                 |             |             | 25 <sup>th</sup> |            |         |                    |
| Lerwick                         | 998.7                         | 48           | WNW   | 2              | bcu      | 1008.1                         | +3                       | 41           | -4                        | NNW   | 3              | NW                                  | bc       | 2           | 1               | 49          | 40          | omp              | omp        | bc      | *                  |
| Stornoway                       | 1007.6                        | 48           | WNW   | 5              | c        | 1016.7                         | +1                       | 45           |                           | WNW   | 3              | W                                   | c        | 3           | 0.4             | 50          | 43          | obcp             | bcpc       | cbeop   | 3.3                |
| Castlebay (Barrals)             | 1006.5                        | 47           | W     | 5              | o        | 1014.4                         | +6                       | 44           | 0                         | W     | 2              | N                                   | c        | *           | 3               | 49          | 40          | cq/mh            | cq/mh      | opc bc  | 4.2                |
| Glasgow                         | 1009.1                        | 47           | W     | 4              | cq p     | 1016.6                         | +3                       | 45           | +2                        | NNW   | 4              | NW                                  | cq p     | 4           | 2               | 49          | 42          | cq p             | cq p       | cq p    | 4.7                |
| Malin Head                      | 1018.3                        | 50           | WNW   | 3              | bc       | 1022.0                         | +4                       | 46           |                           | NW    | 1              | -                                   | omr      | 2           | 1               | 52          | 43          | bc bc            | bcq        | cq omr  | *                  |
| Blacksod Point                  | 1021.6                        | 50           | WNW   | 6              | c        | 1023.8                         | +4                       | 47           | -1                        | WNW   | 3              | -                                   | o        | 2           | 0.1             | 53          | 46          | bc bc            | bc bc      | c o     | *                  |
| Roche's Point                   | 1017.7                        | 50           | W     | 3              | c        | 1021.4                         | *                        | 46           | 0                         | W     | 2              | -                                   | c        | *           | 1               | 52          | 44          | cp               | cp         | c       | 8.4                |
| Birr Castle                     | 1011.4                        | 49           | W     | 4              | bcq p    | 1016.8                         | +5                       | 47           | +1                        | NW    | 3              | N                                   | bcq m    | 3           | 5               | 54          | 42          | bcq m            | cq p       | eq m    | *                  |
| Donaghadee                      | 1012.6                        | 50           | W     | 4              | bcq      | 1014.3                         | +4                       | 46           | 0                         | WNW   | 5              | -                                   | og       | 5           | 1               | 52          | 45          | bc               | bc         | bcq     | 10.1               |
| Liverpool (Bidston)             | 1014.3                        | 50           | W     | 6              | cq p     | 1016.7                         | +4                       | 47           | 0                         | NW    | 7              | -                                   | cq       | 6           | Trace           | 53          | 46          | b. bc. c.        | c. bc. c.  | cp cq   | 9.9                |
| Holyhead                        | 1018.5                        | 49           | W     | 4              | bc       | 1019.7                         | +2                       | 47           | -1                        | NW    | 4              | NW                                  | c        | 3           | -               | 51          | 46          | c. bc. b.        | b. bc      | b. bc   | 11.3               |
| Pembroke (St. Ann's Head)       | 1022.8                        | 51           | NW    | 5              | bc       | 1022.4                         | 0                        | 48           | 0                         | NNW   | 6              | -                                   | bc       | 6           | -               | 55          | 46          | c. bc            | bc         | b. bc   | 9.3                |
| Silly (St. Mary's)              | 1020.7                        | 52           | WNW   | 5              | c        | 1018.3                         | 0                        | 49           | -2                        | WNW   | 5              | NW                                  | c        | 4           | Trace           | 56          | 49          | odh. c.          | o. c. bc.  | bc bc   | 4.8                |
| Jersey (St. Aubin)              | 1017.9                        | 53           | W     | 5              | bc       | 1015.4                         | -2                       | 50           | 0                         | WNW   | 6              | NW                                  | bc       | 6           | -               | 54          | 45          | c. bc.           | bc         | bc      | *                  |
| Portland Bill                   | 1013.4                        | 53           | WSW   | 4              | bc       | 1010.9                         | -2                       | 47           | -4                        | W     | 4              | W                                   | c        | 4           | -               | 60          | 42          | c. o. c.         | c          | c. cp c | *                  |
| Dungeness                       | 999.7                         | 45           | NW    | 2              | omr      | 1009.9                         | +3                       | 42           | -3                        | NNW   | 3              | -                                   | cmq      | 3           | 4               | 50          | 38          | omr              | c. omr     | omr     | 5.3                |
| Wick                            | 1002.3                        | 48           | W     | 3              | c        | 1012.7                         | *                        | 44           | -2                        | W     | 2              | -                                   | cq       | 2           | 1               | 58          | 40          | c. bcq           | q bc q     | pc      | *                  |
| Nairn                           | 1003.9                        | 50           | W     | 5              | o        | 1013.3                         | +3                       | 45           | -1                        | NW    | 3              | NW                                  | b        | 3           | 1               | 53          | 44          | bcq p            | cp c o     | oc bc b | *                  |
| Leith                           | 1006.5                        | 52           | W     | 4              | bcq m    | 1011.7                         | +5                       | 45           | -2                        | NNW   | 3              | -                                   | cm       | 2           | 1               | 53          | 42          | bcq m            | bcq m      | bcq m   | *                  |
| Spurn Head                      | 1008.4                        | 51           | W     | 5              | bcq      | 1009.9                         | +2                       | 45           | -4                        | W     | 6              | -                                   | og p     | 3           | 3               | 52          | 42          | c. bcq           | bcq        | og p    | 7.3                |
| Falmouth (Gor. Station)         | 1012.3                        | 54           | NW    | 4              | bc       | 1009.2                         | +1                       | 46           | -6                        | NNW   | 3              | -                                   | cm p     | 2           | -               | 57          | 44          | cq bc            | bcq        | cv op   | 4.3                |
| Clacton-on-Sea                  | 1013.7                        | 55           | W     | 3              | bc       | 1010.7                         | +2                       | 46           | -6                        | WNW   | 4              | -                                   | og       | 2           | 2               | 58          | 44          | og bcq           | c. bcq     | bcq p   | 5.7                |
| Nottingham                      | 1013.2                        | 51           | WNW   | 5              | bc       | 1012.5                         | *                        | 48           | -2                        | NW    | 3              | -                                   | opm      | *           | 3               | 54          | 45          | bc               | c. bc      | cp      | *                  |

\* Information for these columns not usually received



# SUMMARY OF CONDITIONS AT 7h. G.M.T. Monday, 26th April, 1920.

| Districts                 | Wind.<br>Velocity in m.p.h. | Temperature | Weather, Cloud and Precipitation      | Visibility | Sea    |
|---------------------------|-----------------------------|-------------|---------------------------------------|------------|--------|
| 1. S.E. England           | WNW 10-20                   | R.Mild      | Cloudy or dull, showery, (local mist) | V.Good     | Mod.   |
| 2. E. England             | W-NW 5-15                   | "           | Cloudy or dull, (local mist)          | Indiff.    | Smooth |
| 3. E. Midlands            | W-NW 10-20                  | Mild        | Cloudy or dull, (local mist)          | Var.       | -      |
| 4. W. Midlands            | N.Wly 10-20                 | "           | Cloudy or dull.                       | "          | -      |
| 5. S.W. England           | N.Wly 20-30                 | R.Mild      | Fair to dull, local squalls.          | Good       | Rough  |
| 6. South Wales            | NW 15-20                    | "           | Cloudy.                               | "          | Slight |
| 7. North Wales            | NW 25-35                    | Normal      | Cloudy, squally.                      | "          | Rough  |
| 8. N.W. England           | NW-N 10-20                  | R.Mild      | Fair to dull, local squalls.          | Good       | Rough  |
| 9. N. Midlands            | NW-N 10-20                  | Mild        | Cloudy or dull, local mist.           | Indiff.    | -      |
| 10. N.E. England          | NNW 15-30                   | R.Mild      | Cloudy or dull, showery, (squally)    | "          | Mod.   |
| 11. E. Scotland           | W-NW 10-20                  | Normal      | Fine to cloudy.                       | V.Good     | Slight |
| 12. S.W. Scotland         | W-N 5-15                    | R.Mild      | Fine to cloudy.                       | Excellent  | "      |
| 13. Isle of Man           | NW 10-20                    | "           | Fair generally.                       | Good       | Var.   |
| 14. N. & N.W. Scotland    | W-N 5-10                    | Normal      | Cloudy, squally, local mist.          | Fair       | Slight |
| 15. Hebrides              | No reports.                 |             |                                       |            |        |
| 16. Orkneys and Shetlands | NNW 10                      | Normal      | Fair.                                 | Good       | Smooth |
| 17. N.W. Ireland          | NW 2-5                      | "           | Dull, misty, some rain.               | Poor       | "      |
| 18. N.E. Ireland          | W-NW 10-15                  | R.Mild      | Fair or cloudy, squally               | Fair       | Slight |
| 19. S.E. Ireland          | W-NW 5-10                   | "           | Fair or cloudy, (local mist)          | "          | Var.   |
| 20. S.W. Ireland          | W-N 10-15                   | Normal      | Cloudy or dull.                       | Good       | Slight |

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

The barometer is low over Scandinavia and an anticyclone lies to South west of the British Isles. The North westerly wind current will probably persist for a day or two, maintaining a changeable type of weather.

**EXPLANATION**  
 BAROMETER.—Isobars are drawn at intervals of 0.1 millibars.  
 WIND.—Direction is shown by a flag with the wind force, in 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 1 degree.  
 CLOUDS.—Symbols: ☁ sky & cloud; ☁☁ overcast sky; \* snow; A hail; T thunder; R shower.  
 SEA DISTURBANCE.—Rough, High, Very High.

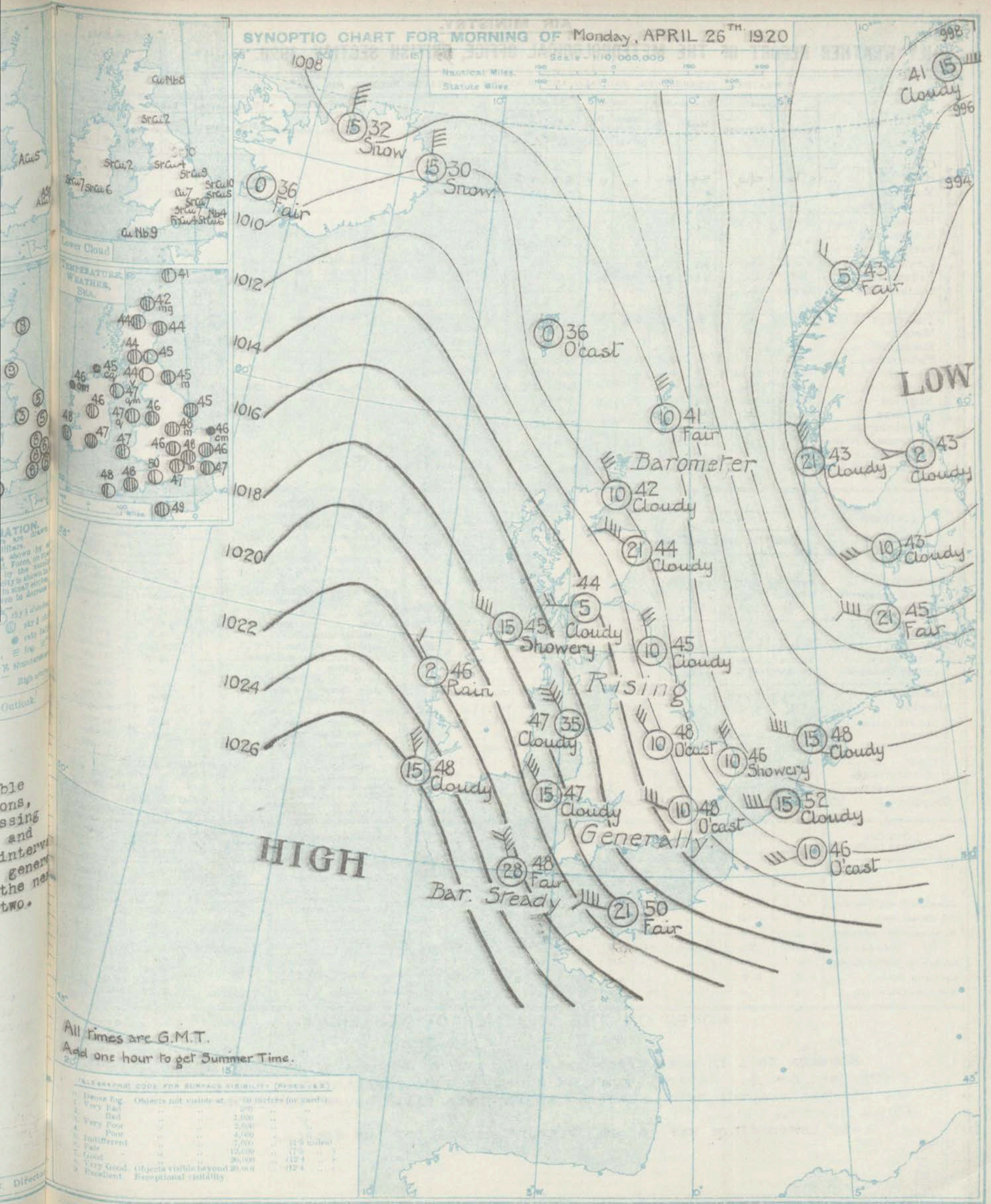
| Districts                 | Forecast for the 24 hours commencing 9h. G.M.T. Monday, 26th April, 1920.                                                    |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 1. S.E. England           | Wind mainly from N.W., fresh or strong; variable sky, some showers, bright intervals, visibility good; moderate temperature. |
| 2. E. England             |                                                                                                                              |
| 3. E. Midlands            |                                                                                                                              |
| 4. W. Midlands            |                                                                                                                              |
| 5. S.W. England           |                                                                                                                              |
| 6. South Wales            |                                                                                                                              |
| 7. North Wales            |                                                                                                                              |
| 8. N.W. England           |                                                                                                                              |
| 9. N. Midlands            |                                                                                                                              |
| 10. N.E. England          |                                                                                                                              |
| 11. E. Scotland           | Wind mainly West or North West, moderate; changeable, some showers, bright intervals; moderate temperature.                  |
| 12. S.W. Scotland         |                                                                                                                              |
| 13. Isle of Man           |                                                                                                                              |
| 14. N. & N.W. Scotland    |                                                                                                                              |
| 15. Hebrides              |                                                                                                                              |
| 16. Orkneys and Shetlands |                                                                                                                              |
| 17. N.W. Ireland          |                                                                                                                              |
| 18. N.E. Ireland          |                                                                                                                              |
| 19. S.E. Ireland          |                                                                                                                              |
| 20. S.W. Ireland          |                                                                                                                              |

Changeable conditions, with passing showers and bright intervals will be general during the next day or two.



# SYNOPTIC CHART FOR MORNING OF Monday, APRIL 26<sup>TH</sup> 1920

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



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

## TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGES 1-3)

| Code | Meaning     | Objects not visible at        | to meters (or yards) |
|------|-------------|-------------------------------|----------------------|
| 1    | Dense fog   |                               | 200                  |
| 2    | Very bad    |                               | 500                  |
| 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 | 12.4                 |
| 0    | Excellent   | Exceptional visibility        | 12.4                 |



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 117.

Monday,  
26<sup>th</sup> AprilWEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 25<sup>th</sup>

| STATIONS.     |                             | WEATHER.  |            | TEMPERATURE. |              | RAINFALL.          |                 | SUNSHINE. |                            | STATIONS.     |                       | WEATHER.  |            | TEMPERATURE. |              | RAINFALL.          |                 | SUNSHINE. |                            |
|---------------|-----------------------------|-----------|------------|--------------|--------------|--------------------|-----------------|-----------|----------------------------|---------------|-----------------------|-----------|------------|--------------|--------------|--------------------|-----------------|-----------|----------------------------|
|               |                             | Forenoon. | Afternoon. | Max.<br>° F. | Min.<br>° F. | Night.<br>17h-25h. | Day.<br>9h-17h. | to 17h.   | Sunrise<br>to Sun-<br>set. |               |                       | Forenoon. | Afternoon. | Max.<br>° F. | Min.<br>° F. | Night.<br>17h-25h. | Day.<br>9h-17h. | to 17h.   | Sunrise<br>to Sun-<br>set. |
|               |                             |           |            |              |              |                    |                 |           |                            |               |                       |           |            |              |              |                    |                 |           |                            |
| Scotland.     |                             |           |            |              |              |                    |                 |           |                            | England, N.W. |                       |           |            |              |              |                    |                 |           |                            |
|               | Oban ... ..                 |           |            |              |              |                    |                 |           |                            |               | Douglas (I.O.M.)      |           |            |              |              |                    |                 |           |                            |
|               | Banff ... ..                | c. bc     | clg        | 54           | 44           | -                  | 0.1             | 6.2       | 4.5                        |               | Blackpool ... ..      | bc        | c          | 52           | 46           | 1                  | -               | 9.2       | 1.0                        |
|               | Montrose ... ..             |           |            |              |              |                    |                 |           |                            |               | Southport ... ..      | b. bc. c  | bc         | 53           | 46           | 0.4                | -               | 9.6       | 0.0                        |
|               | St. Andrews ... ..          |           |            |              |              |                    |                 |           |                            |               |                       |           |            |              |              |                    |                 |           |                            |
| England, N.E. |                             |           |            |              |              |                    |                 |           |                            | Midlands.     |                       |           |            |              |              |                    |                 |           |                            |
|               | Harrogate ... ..            | c. bc. b. | b. bc      | 51           | 44           | 1                  | -               | 6.5       | 6.0                        |               | Buxton ... ..         |           |            |              |              |                    |                 |           |                            |
|               | Scarborough ... ..          |           |            |              |              |                    |                 |           |                            |               | Leamington Spa ... .. | c b p.    | c b p.     | 56           | 48           | 1                  | 0.2             | 8.4       | ?                          |
|               | Skegness ... ..             |           |            |              |              |                    |                 |           |                            |               | Malvern ... ..        |           |            |              |              |                    |                 |           |                            |
| England, E.   |                             |           |            |              |              |                    |                 |           |                            | Wales.        |                       |           |            |              |              |                    |                 |           |                            |
|               | Lowestoft ... ..            | a. c. bc  | bc         | 58           | 51           | 0.1                | -               | 4.1       | ?                          |               | Ross-on-Wye ... ..    | ch. bc    | bcw by c   | 58           | 47           | -                  | Trace           | 4.9       | 2.7.                       |
|               | Felixstowe ... ..           | bc        | bch        | 58           | 52           | -                  | 0.3             | 6.0       | 5.0                        |               | Bath ... ..           | a. c. bc  | bc. c. o   | 57           | 49           | 1                  | -               | 5.4       | 0.3                        |
|               | Southend-on-Sea ... ..      | of c. bc. | bc. c.     | 60           | 50           | 0.1                | -               | 6.2       | 2.8                        |               | Rhyl ... ..           | bc        | bc. c      | 53           | 47           | 1                  | -               | 8.2       | ?                          |
| England, S.E. |                             |           |            |              |              |                    |                 |           |                            | England, S.W. |                       |           |            |              |              |                    |                 |           |                            |
|               | Tunbridge Wells             | bc        | bc         | 58           | 48           | 0.3                | -               | 5.5       | 3.5                        |               | Colwyn Bay ... ..     | *         | *          | 53           | 47           | ?                  | ?               | 7.4       | ?                          |
|               | Margate ... ..              |           |            |              |              |                    |                 |           |                            |               | Llandudno ... ..      | bch       | b          | 52           | 46           | 0.3                | 0.4             | 9.6       | 1.1                        |
|               | Ramsgate ... ..             | *         | *          |              |              |                    |                 |           |                            |               | Aberystwyth ... ..    |           |            |              |              |                    |                 |           |                            |
|               | Folkestone ... ..           | c         | c          | ?            | 46           | -                  | -               | 5.4       | 3.0                        |               | Swansea ... ..        |           |            |              |              |                    |                 |           |                            |
|               | Hastings ... ..             | a. bc     | b. bc      | 59           | 48           | -                  | -               | 4.8       | 5.0                        |               | Weymouth ... ..       |           |            |              |              |                    |                 |           |                            |
|               | Eastbourne ... ..           | c. bc     | c. bc      | 56           | 48           | -                  | -               | 5.7       | 4.8                        |               | Teignmouth ... ..     |           |            |              |              |                    |                 |           |                            |
|               | Brighton ... ..             | a. c.     | c          | 59           | 49           | 1                  | -               | 4.1       | ?                          |               | Torquay ... ..        | a. c.     | bc. by     | 58           | 50           | -                  | -               | 5.9       | 7.7                        |
|               | Worthing ... ..             | bc. c.    | bc         | 59           | 49           | -                  | -               | 4.8       | 3.0                        |               | Paignton ... ..       | bc        | bc b       | 59           | 49           | -                  | -               | 6.0       | 6.4                        |
|               | Littlehampton ... ..        | bc        | bc         | 59           | 48           | -                  | -               | 5.2       | 1.7                        |               | Penzance ... ..       | bc.       | bc. b      | 58           | 48           | -                  | -               | 8.9       | 1.5                        |
|               | Portsmouth (S'chsea) ... .. | *         | *          | 58           | 50           | 0.3                | -               | 6.3       | 1.2                        |               | Newquay ... ..        | bc. b.    | b          | 53           | 47           | 1                  | -               | 6.5       | ?                          |
|               | Bournemouth ... ..          | *         | *          | 58           | 48           | -                  | -               | 7.0       | 2.7                        |               | Bude ... ..           |           |            |              |              |                    |                 |           |                            |
|               | Ventnor (I. of W.)          | *         | *          | 56           | 47           | -                  | -               | 7.0       | 1.6                        |               | Ilfracombe ... ..     |           |            |              |              |                    |                 |           |                            |
|               |                             |           |            |              |              |                    |                 |           |                            |               | Weston-s-Mare ... ..  |           |            |              |              |                    |                 |           |                            |
|               |                             |           |            |              |              |                    |                 |           |                            |               | Tenby ... ..          |           |            |              |              |                    |                 |           |                            |

## SUMMARIES FOR PAST 24 HOURS.

| STATIONS.                  | SUMMARIES FOR PAST 24 HOURS. |                        |                        |                      |                       |                       |                              |                |                  |               |
|----------------------------|------------------------------|------------------------|------------------------|----------------------|-----------------------|-----------------------|------------------------------|----------------|------------------|---------------|
|                            | WEATHER.                     |                        |                        |                      | Max.<br>Temp.<br>° F. | Min.<br>Temp.<br>° F. | Min.<br>on<br>Grass.<br>° F. | RAINFALL.      |                  | Sun.<br>Hours |
|                            | 7h-13h <sup>25m</sup>        | 13h-18h <sup>25m</sup> | 18h-25h <sup>25m</sup> | 1h-7h <sup>25m</sup> |                       |                       |                              | Day.<br>7h-13h | Night.<br>18h-7h |               |
|                            |                              |                        |                        |                      |                       |                       |                              | mm.            | mm.              |               |
| Eskdalemuir ... ..         | ch r h g                     | cg o t r g             | og o p q b c g         | b c b v              | 48                    | 40                    | 36                           | 4              | 0.2              | 5.9           |
| Valencia (Cahirelveen) ... | cp b c b                     | b c c                  | c p                    |                      | 57                    | 45                    | *                            | 1              | 1                | 8.7           |
| Baldonnel ... ..           | r g                          | fu r h g.              | g. r r                 | p i t t r h          | 53                    | 42                    | 38                           | 1              | 5                | 8.3           |
| Didsbury ... ..            | ?                            | c. a                   |                        | c. em                | *                     | *                     | *                            | *              | *                | *             |
| Falmouth ... ..            | b. bc g y                    | b y b y z              | b v                    | b o g                | 58                    | 45                    | 43                           | -              | -                | 9.3           |
| Calshot (Hants) ... ..     | g. c. a.                     | b. bc v.               | b b c. b c c           | b c c b c b          | 57                    | 44                    | 43                           | -              | -                | 8.5           |
| Lympne (Folkestone) ...    | am. bc. c.                   | cy. bc.                | b c c                  | P o                  | 56                    | 42                    | 39                           | -              | 1                | 6.4           |
| Aberdeen ... ..            | bc. c g y                    | og y h                 | b c g p                |                      | 55                    | 42                    | 38                           | trace          | 1                | 5.1           |
| Howden ... ..              | r g                          | g d u f                | g p.                   | P o                  | 54                    | 45                    | 45                           | 9.15           | 9.10             | 6.8           |
| Cranwell (Lincs) ... ..    | c f o                        |                        | p P                    | om. r r              | 56                    | 43                    | *                            | trace          | 3                | 9.2           |
| Felixstowe ... ..          | bc. c.                       | g. bc. c.              |                        | op.                  | 59                    | 44                    | *                            | *              | *                | *             |
| Shoeburyness ... ..        | od. a. c.                    | c. bc.                 | b c c p                |                      | 59                    | 44                    | 38                           | Trace          | 1                | 6.5           |
| Benson ... ..              | bc.                          | b c v                  | b c. p c               |                      | 62                    | 44                    | 38                           | -              | 0.2.             | *             |
| S Farnborough ... ..       | a. bc. a                     | b. c z                 | c r c v                |                      | 59                    | 42                    | 38                           | -              | 0.4              | 4.6           |
| London (Kew Obsy.) ...     | a c b c y                    | cy. bc y               | b c. com               |                      | 58                    | 46                    | 38                           | -              | -                | 4.7           |
| Croydon ... ..             | oz.                          | oz c z                 | b c. c z. b c z        | b c. c z o r z o p   | 58                    | 43                    | *                            | -              | 0.4              | *             |

## BEAUFORT NOTATION.

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

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

## 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                                              | 3.4-6.4            |
| 4   | 13-18                                             | 5.6-7.9            |
| 5   | 19-24                                             | 8.0-10.7           |
| 6   | 25-31                                             | 10.8-13.8          |
| 7   | 32-38                                             | 13.9-17.1          |
| 8   | 39-46                                             | 17.2-20.7          |
| 9   | 47-54                                             | 20.8-24.4          |
| 10  | 55-63                                             | 24.5-28.4          |
| 11  | 64-75                                             | 28.5-33.5          |
| 12  | Above 75                                          | 33.6 or above      |

## SYMBOLS-

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

## LONDON OBSERVATIONS.

| LONDON.<br>OBSERVATIONS.       | WEATHER.                                      |            |         | Max.<br>Temp.<br>°F. | Min.<br>Temp.<br>°F. | Min. on<br>Grass.<br>°F. | Rain-<br>fall.<br>mm. | Sun-<br>shine to<br>Sunset.<br>Hours. | HUMIDITY %      |                |
|--------------------------------|-----------------------------------------------|------------|---------|----------------------|----------------------|--------------------------|-----------------------|---------------------------------------|-----------------|----------------|
|                                | Morning.                                      | Afternoon. | Night.  |                      |                      |                          |                       |                                       | 15 h.<br>G.M.T. | 9 h.<br>G.M.T. |
|                                |                                               |            |         |                      |                      |                          |                       |                                       |                 |                |
|                                | 24 HOURS ENDED 9H G.M.T. 26 <sup>th</sup> ... |            |         |                      |                      |                          | YESTERDAY.            | TO-DAY.                               |                 |                |
| Greenwich (Royal Observatory)  | c                                             | c          | or      | 61                   | 44                   | 38                       | 1                     | 6.0                                   | 51              | 74.            |
| City (Bunhill Row) ... ..      | *                                             | *          | *       | *                    | *                    | *                        |                       | 6.7                                   | *               | *              |
| Westminster (St. James's Park) | *                                             | *          | *       | 60                   | 45                   | 40                       | 0.4                   | 8.2                                   | 51              | 75             |
| " (Admiralty Arch)             | bcz bc                                        | bc         | bc, odc | 60                   | 47                   | *                        | 1                     | 7.0                                   | 65              | 90             |
| Camden Sq. (British Rainfall)  | x                                             | *          | *       | 64                   | 45                   | 43                       | trace                 | *                                     | ?               | 74             |
| Kensington Palace ... ..       | o.c                                           | c, bc      | *       | 59                   | 44                   | 40                       | 0.3                   | *                                     | 49 (18h)        | 74             |
| Hampstead Observatory ...      | *                                             | *          | *       | 58                   | 43                   | 41                       | 1                     | 6.5                                   | *               | 82             |

## SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.

Total 124.7 Joules.

Average Rate. 24.1 Milliwatts.

Maximum Rate. 82.

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

| 26 <sup>th</sup> & 27 <sup>th</sup> April 1920. |          |       |         |
|-------------------------------------------------|----------|-------|---------|
| Stations.                                       | Sunrise. | Noon. | Sunset. |
|                                                 | G.M.T.   | G.M.  | G.M.    |
| Yarmouth...                                     | 4.35     | 11.51 | 7.6     |
|                                                 | 4.33     | 11.51 | 7.8     |
| Greenwich                                       | 4.43     | 11.58 | 7.13    |
|                                                 | 4.43     | 11.58 | 7.13    |
| Wick                                            | 4.35     | 12.10 | 7.45    |
|                                                 | 4.32     | 12.10 | 7.45    |
| Valencia ...                                    | 5.25     | 12.39 | 7.54    |
|                                                 | 5.25     | 12.39 | 7.54    |

## NOTES ON THE WEATHER OF YESTERDAY.

Showers fell in most districts but measured amounts of rainfall were everywhere small. Several hours of sunshine were registered in all localities, the highest records being obtained at Pembroke (11.3 hours) and Liverpool (10.1 hours).

Air temperature was generally about normal for the season.



## AIR MINISTRY.

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

BRITISH SECTION.

No. B. 21,341.

Tuesday, 27th April, 1920.

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

| OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H. |           |                    |       |       |          |            |                    |                      |                     |      |              |              |                     |        |          |       |          |          |           |             |                      |            |         |                    |       |     |      |          |     |      |       |       |      |       |      |      |
|-------------------------------------------------------------------------|-----------|--------------------|-------|-------|----------|------------|--------------------|----------------------|---------------------|------|--------------|--------------|---------------------|--------|----------|-------|----------|----------|-----------|-------------|----------------------|------------|---------|--------------------|-------|-----|------|----------|-----|------|-------|-------|------|-------|------|------|
| STATIONS.                                                               | BAROM.    | +                  | WIND. |       | TEMP.    | Humidity.  | Visibility.        | Height of Low Cloud. | Low Cloud.          |      | Upper Cloud. |              | Sea                 | BAROM. | +        | WIND. |          | TEMP.    | Humidity. | Visibility. | Height of Low Cloud. | Low Cloud. |         | Upper Cloud.       |       | Sea |      |          |     |      |       |       |      |       |      |      |
|                                                                         | at M.S.L. | Change in 3 hours. | Force | Dir.  |          |            |                    |                      | Weather.            | °F.  | 0-9.         | Feet.        |                     | Form.  | Amt.     | Form. | Amt.     |          |           |             |                      | 0-9.       | mb.     | Change in 3 hours. | Force |     | Dir. | Weather. | °F. | 0-9. | Feet. | Form. | Amt. | Form. | Amt. | 0-9. |
|                                                                         | mb.       |                    | 0-12. |       |          |            |                    |                      |                     |      |              |              |                     |        |          |       |          |          |           |             |                      |            |         |                    |       |     |      |          |     |      |       |       |      |       |      |      |
| 13H. G.M.T. 26th                                                        |           |                    |       |       |          |            |                    |                      |                     |      |              |              | 18H. G.M.T. OF 26th |        |          |       |          |          |           |             |                      |            |         |                    |       |     |      |          |     |      |       |       |      |       |      |      |
| Edinburgh                                                               | 1014.1    | 0                  | NNW   | 5     | og       | 48         | 85                 | 8                    | 2,000               | cu   | 2            | A.Sc.        | 8                   | 1012.5 | -3       | W     | 4        | opg      | 42        | 85          | 7                    | 3,000      | Nb      | 10                 | -     | -   | -    |          |     |      |       |       |      |       |      |      |
| Valencia (Cahire'n)                                                     | 1026.0    | 0                  | NW    | 4     | o        | 50         | 85                 | 8                    | 3,000               | St   | 10           | -            | -                   | 1025.0 | -2       | NNW   | 4        | o        | 48        | 85          | 8                    | 2,000      | St      | 10                 | -     | -   | -    |          |     |      |       |       |      |       |      |      |
| Baldonnel                                                               | 1020.0    | 0                  | W     | 3     | o        | 52         | 75                 | 7                    | 2,000               | St   | 9            | A.Sc.        | 1                   | 1019.1 | -1       | W     | 4        | o        | 48        | 85          | 6                    | 3,000      | St      | 10                 | -     | -   | -    |          |     |      |       |       |      |       |      |      |
| Didsbury                                                                | 1015.9    | 0                  | NN    | 5     | C        | 52         | -                  | 6                    | 2,000               | cu   | 5            | St           | 2                   | 1016.4 | 0        | NNW   | 5        | o        | 48        | -           | 5                    | 2,000      | cu      | 7                  | A.Sc. | 3   | -    |          |     |      |       |       |      |       |      |      |
| Falmouth                                                                | 1022.8    | +2                 | NNW   | 4     | o        | 53         | 65                 | 7                    | -                   | cu   | 9            | -            | -                   | 1022.5 | -1       | NN    | 4        | o        | 51        | 75          | 6                    | -          | -       | -                  | cu    | 2   | -    |          |     |      |       |       |      |       |      |      |
| Calshot (Hants)                                                         | 1017.8    | +2                 | NN    | 4     | o        | 54         | 65                 | 8                    | 2,000               | St   | 9            | -            | -                   | 1018.0 | 0        | NNW   | 5        | o        | 54        | 85          | 8                    | 3,000      | St      | 4                  | A.Sc. | 6   | 2    |          |     |      |       |       |      |       |      |      |
| Lymington (Folkestone)                                                  | 1012.5    | +4                 | NNW   | 5     | og       | 53         | 65                 | 8                    | 3,000               | cu   | 7            | -            | -                   | 1014.0 | 0        | NNW   | 1        | og       | 50        | 75          | 4                    | 3,200      | St      | 10                 | -     | -   | -    |          |     |      |       |       |      |       |      |      |
| Aberdeen                                                                | 1010.8    | -1                 | NNW   | 4     | o        | 48         | 85                 | 8                    | -                   | cu   | 1            | A.Sc.        | 9                   | 1007.2 | -4       | W     | 4        | bc       | 47        | 75          | 8                    | -          | cu      | 4                  | -     | -   | 3    |          |     |      |       |       |      |       |      |      |
| Howden                                                                  | 1014.2    | +1                 | NN    | 2     | o        | 51         | 65                 | 6                    | 3,000               | St   | 6            | A.Sc.        | 3                   | 1013.2 | 0        | N     | 4        | o        | 50        | 65          | 6                    | 2,000      | St      | 6                  | A.Sc. | 3   | -    |          |     |      |       |       |      |       |      |      |
| Granwell (Lines)                                                        | 1013.0    | +3                 | NNW   | 3     | o        | 50         | 75                 | 6                    | 2,000               | cu   | 9            | -            | -                   | 1013.1 | 0        | NNW   | 5        | o        | 49        | 75          | 5                    | 2,000      | St      | 6                  | A.Sc. | 4   | -    |          |     |      |       |       |      |       |      |      |
| Felixstowe                                                              | 1014.5    | +3                 | NN    | 5     | o        | 54         | 75                 | 6                    | 3,000               | St   | 9            | -            | -                   | 1015.8 | 0        | N     | 2        | og       | 51        | 75          | 7                    | 3,000      | St      | 9                  | A.Sc. | 1   | -    |          |     |      |       |       |      |       |      |      |
| Shoeburyness                                                            | 1014.7    | +3                 | NNW   | 3     | cu       | 55         | 7                  | 7                    | 3,000               | St   | 5            | A.Sc.        | 2                   | 1015.4 | -1       | -     | o        | 52       | 75        | 7           | 3,000                | cu         | 6       | A.Sc.              | 4     | -   |      |          |     |      |       |       |      |       |      |      |
| Benson                                                                  | 1016.0    | +3                 | NN    | 4     | C        | 52         | 75                 | 7                    | -                   | cu   | 6            | A.           | 1                   | 1017.0 | 0        | NNW   | 3        | o        | 51        | 65          | 7                    | -          | cu      | 6                  | A.Sc. | 3   | -    |          |     |      |       |       |      |       |      |      |
| S. Farnborough                                                          | 1016.7    | +2                 | NNW   | 3     | og       | 54         | 65                 | 6                    | 2,000               | St   | 7            | A.Sc.        | 2                   | 1017.1 | 0        | NNW   | 4        | bc       | 53        | 65          | 6                    | 3,000      | St      | 2                  | A.Sc. | 4   | -    |          |     |      |       |       |      |       |      |      |
| London (Kew Obs.)                                                       | 1016.1    | +2                 | NW    | 2     | o        | 52         | 65                 | 5                    | 3,000               | Nb   | 8            | A.Sc.        | 2                   | 1016.8 | 0        | NNW   | 2        | C        | 53        | 65          | 8                    | 3,000      | St      | 1                  | A.Sc. | 7   | -    |          |     |      |       |       |      |       |      |      |
| Croydon                                                                 | 1015.7    | -2                 | NNW   | 3     | og       | 55         | 65                 | 6                    | 3,000               | St   | 10           | -            | -                   | 1017.0 | 0        | NNW   | 2        | og       | 53        | 85          | 7                    | 3,000      | cu      | 3                  | A.Sc. | 7   | -    |          |     |      |       |       |      |       |      |      |
| 1H. G.M.T. OF 27th                                                      |           |                    |       |       |          |            |                    |                      |                     |      |              |              | 7H. G.M.T. OF 27th  |        |          |       |          |          |           |             |                      |            |         |                    |       |     |      |          |     |      |       |       |      |       |      |      |
| Edinburgh                                                               | 1006.0    | -7                 | W     | 4     | orm      | 40         | 92                 | 6                    | -                   | Nb   | 10           | -            | -                   | 1006.6 | -4       | W     | 4        | o        | 39        | 95          | 7                    | -          | Nb      | 5                  | A.Sc. | 4   | -    |          |     |      |       |       |      |       |      |      |
| Valencia (Cahire'n)                                                     | 1022.2    | -6                 | NNW   | 5     | bc       | 48         | 85                 | 8                    | -                   | St   | 10           | -            | -                   | 1014.4 | -5       | WSW   | 6        | o        | 50        | 91          | 7                    | 750        | St      | 9                  | -     | -   | 4    |          |     |      |       |       |      |       |      |      |
| Baldonnel                                                               | 1013.4    | -5                 | W     | 6     | orm      | 45         | 97                 | 4                    | 750                 | St   | 10           | -            | -                   | 1005.9 | -2       | W     | 4        | orm      | 48        | 97          | 4                    | 750        | St      | 10                 | -     | -   | -    |          |     |      |       |       |      |       |      |      |
| Didsbury                                                                | -         | -                  | -     | -     | -        | -          | -                  | -                    | -                   | -    | -            | -            | -                   | 1004.1 | -6       | SW    | 5        | orm      | 46        | 95          | 3                    | 750        | Nb      | 10                 | -     | -   | -    |          |     |      |       |       |      |       |      |      |
| Falmouth                                                                | -         | -                  | -     | -     | -        | -          | -                  | -                    | -                   | -    | -            | -            | -                   | 1015.9 | -4       | W     | 6        | og       | 45        | 95          | 7                    | -          | St      | 10                 | -     | -   | -    |          |     |      |       |       |      |       |      |      |
| Calshot (Hants)                                                         | 1020.2    | -2                 | W     | 2     | b        | 46         | 92                 | 6                    | -                   | St   | 3            | -            | -                   | 1011.6 | -4       | SW    | 4        | o        | 49        | 75          | 8                    | 2,000      | St      | 10                 | -     | -   | 2    |          |     |      |       |       |      |       |      |      |
| Lymington (Folkestone)                                                  | 1015.4    | -4                 | WSW   | 3     | o        | 47         | -                  | -                    | 2,000               | St   | 10           | -            | -                   | 1010.2 | -5       | WSW   | 5        | orm      | 45        | 92          | 9                    | 1250       | Nb      | 6                  | A.Sc. | 2   | -    |          |     |      |       |       |      |       |      |      |
| Aberdeen                                                                | -         | -                  | -     | -     | -        | -          | -                  | -                    | -                   | -    | -            | -            | -                   | 994.6  | -3       | NNW   | 5        | bc       | 41        | 75          | 8                    | -          | cu      | 6                  | -     | -   | 3    |          |     |      |       |       |      |       |      |      |
| Howden                                                                  | 1008.9    | -2                 | SW    | 5     | od       | 43         | 95                 | 6                    | 2,000               | St   | 10           | -            | -                   | 1001.9 | -6       | SW    | 5        | od       | 45        | 95          | 5                    | 3,000      | St      | 8                  | A.Sc. | 2   | -    |          |     |      |       |       |      |       |      |      |
| Granwell (Lines)                                                        | 1011.3    | -5                 | W     | 4     | o        | 44         | 85                 | 6                    | 2,000               | St   | 6            | A.Sc.        | 4                   | 1005.2 | -3       | W     | 5        | od       | 46        | 95          | 6                    | 3,000      | St      | 9                  | A.Sc. | 1   | -    |          |     |      |       |       |      |       |      |      |
| Felixstowe                                                              | -         | -                  | -     | -     | -        | -          | -                  | -                    | -                   | -    | -            | -            | -                   | 1008.4 | -4       | SW    | 4        | orm      | 46        | 97          | 4                    | 1250       | Nb      | 10                 | -     | -   | 3    |          |     |      |       |       |      |       |      |      |
| Shoeburyness                                                            | -         | -                  | -     | -     | -        | -          | -                  | -                    | -                   | -    | -            | -            | -                   | 1009.1 | -5       | W     | 4        | odm      | 47        | 75          | 6                    | 3,000      | St      | 10                 | -     | -   | -    |          |     |      |       |       |      |       |      |      |
| Benson                                                                  | -         | -                  | -     | -     | -        | -          | -                  | -                    | -                   | -    | -            | -            | -                   | 1008.3 | -4       | WSW   | 4        | o        | 47        | 95          | 7                    | -          | -       | -                  | A.Sc. | 10  | -    |          |     |      |       |       |      |       |      |      |
| S. Farnborough                                                          | -         | -                  | -     | -     | -        | -          | -                  | -                    | -                   | -    | -            | -            | -                   | 1009.9 | -4       | W     | 4        | orm      | 46        | 92          | 7                    | 1250       | Nb      | 10                 | -     | -   | -    |          |     |      |       |       |      |       |      |      |
| London (Kew Obs.)                                                       | 1014.0    | -3                 | -     | -     | -        | -          | -                  | -                    | -                   | -    | -            | -            | -                   | 1009.2 | -4       | SW    | 4        | od       | 48        | 95          | 5                    | 3,000      | St      | 5                  | A.Sc. | 5   | -    |          |     |      |       |       |      |       |      |      |
| Croydon                                                                 | 1015.0    | -4                 | W     | 3     | orm      | 46         | 92                 | 5                    | 1250                | Nb   | 10           | -            | -                   | 1010.1 | -4       | WSW   | 4        | od       | 46        | 92          | 7                    | 1250       | Nb      | 10                 | -     | -   | -    |          |     |      |       |       |      |       |      |      |
| STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.                           |           |                    |       |       |          |            |                    |                      |                     |      |              |              |                     |        |          |       |          |          |           |             |                      |            |         |                    |       |     |      |          |     |      |       |       |      |       |      |      |
| STATIONS.                                                               | BAROM.    | TEMP.              | WIND. |       | WEATHER. | BAROMETER. | TEMPERATURE.       |                      | WIND.               |      | DIREC.       | UPPER CLOUD. | WEATHER.            | SEA    | RAINFALL | TEMP. |          |          | WEATHER.  |             |                      | SUNSHINE   |         |                    |       |     |      |          |     |      |       |       |      |       |      |      |
|                                                                         | at M.S.L. | °F.                | Dir.  | Force |          | at M.S.L.  | Change in 3 hours. | Temp. °F.            | Change in 24 hours. | Dir. |              |              |                     |        |          | Force | Max. °F. | Min. °F. | Morning.  | Afternoon.  | Night.               |            | Flours. |                    |       |     |      |          |     |      |       |       |      |       |      |      |
|                                                                         | mb.       |                    |       | 0-12. |          | mb.        |                    |                      |                     |      |              |              |                     |        |          |       |          |          |           |             |                      |            |         |                    |       |     |      |          |     |      |       |       |      |       |      |      |
| 18H. G.M.T. OF 26th                                                     |           |                    |       |       |          |            |                    |                      |                     |      |              |              | 7H. G.M.T. OF 27th  |        |          |       |          |          |           |             |                      |            |         |                    |       |     |      |          |     |      |       |       |      |       |      |      |
| Lerwick                                                                 | 1003.7    | 39                 | SE    | 1     | omd      | 996.0      | -2                 | 39                   | -2                  | NW   | 2            | -            | bcu                 | 1      | 2        | 44    | 35       | bc       | omd       | bcu         | -                    | -          | -       | -                  |       |     |      |          |     |      |       |       |      |       |      |      |
| Stornoway                                                               | -         | -                  | -     | -     | -        | -          | -                  | -                    | -                   | -    | -            | -            | -                   | -      | -        | -     | -        | -        | -         | -           | -                    | -          | -       | -                  |       |     |      |          |     |      |       |       |      |       |      |      |
| Castell Bay (Barra)                                                     | 1011.3    | 45                 | W     | 5     | o        | 1000.3     | -5                 | 41                   | -3                  | W    | 2            | W            | bc                  | -      | 3        | 50    | 38       | bc       | op        | bc          | 4.6                  | -          | -       | -                  |       |     |      |          |     |      |       |       |      |       |      |      |
| Glasgow                                                                 | 1011.0    | 44                 | W     | 5     | omg      | 1000.3     | -5                 | 41                   | -3                  | W    | 2            | W            | bc                  | -      | 3        | 50    | 38       | bc       | op        | bc          | 4.6                  | -          | -       | -                  |       |     |      |          |     |      |       |       |      |       |      |      |
| Main Head                                                               | 1013.8    | 42                 | NNW   | 4     | ogt      | 1002.4     | -2                 | 43                   | -2                  | NNW  | 4            | -            | ogp                 | 5      | 9        | 48    | 40       | ogp      | ogp       | ogp         | 3.7                  | -          | -       | -                  |       |     |      |          |     |      |       |       |      |       |      |      |
| Blackod Point                                                           | 1023.7    | 50                 | NNW   | 4     | o        | 1013.1     | -5                 | 50                   | +3                  | W    | 4            | -            | o                   | 3      | 0.1      | 53    | 46       | ogp      | o         | ogp         | -                    | -          | -       | -                  |       |     |      |          |     |      |       |       |      |       |      |      |
| Roche's Point                                                           | 1019.8    | 43                 | W     | 2     | C        | 1008.2     | -                  | 50                   | +4                  | W    | 3            | -            | r                   | -      | 0.4      | 53    | 46       | ogp      | C         | ogp         | 3.8                  | -          | -       | -                  |       |     |      |          |     |      |       |       |      |       |      |      |
| Brit Castle                                                             | 1015.0    | 46                 | NNW   | 4     | ompg     | 1005.0     | -1                 | 42                   | -5                  | W    | 3            | -            | orm                 | 3      | 5        | 52    | 40       | ogp      | ogp       | ogp         | -                    | -          | -       | -                  |       |     |      |          |     |      |       |       |      |       |      |      |
| Donaghadee                                                              | 1015.0    | 46                 | NNW   | 4     | ompg     | 1005.0     | -1                 | 42                   | -5                  | W    | 3            | -            | orm                 | 3      | 5        | 52    | 40       | ogp      | ogp       | ogp         | -                    | -          | -       | -                  |       |     |      |          |     |      |       |       |      |       |      |      |
| Liverpool (Bidston)                                                     | 1016.1    | 47                 | W     | 4     | r        | 1003.4     | -6                 | 46                   | 0                   | W    | 6            | -            | ogp                 | 5      | 3        | 50    | 44       | ogp      | ogp       | ogp         | 3.9                  | -          | -       | -                  |       |     |      |          |     |      |       |       |      |       |      |      |
| Holyhead                                                                | 1017.6    | 49                 | NNW   | 5     | og       | 1004.4     | -7                 | 46                   | -1                  | WSW  | 6            | -            | ogp                 | 5      | 3        | 54    | 44       | ogp      | ogp       | ogp         | 6.1                  | -          | -       | -                  |       |     |      |          |     |      |       |       |      |       |      |      |
| Pembroke (St. Ann's Head)                                               | 1021.0    | 49                 | W     | 3     | CV       | 1010.9     | -3                 | 47                   | 0                   | SW   | 5            | -            | o                   | 4      | -        | 52    | 47       | ogp      | ogp       | ogp         | 2.4                  | -          | -       | -                  |       |     |      |          |     |      |       |       |      |       |      |      |
| Sally (St. Mary's)                                                      | 1024.6    | 51                 | NNW   | 4     | bc       | 1018.0     | -3                 | 48                   | 0                   | NNW  | 6            | -            | o                   | 5      | -        | 53    | 46       | ogp      | ogp       | ogp         | 9.8                  | -          | -       | -                  |       |     |      |          |     |      |       |       |      |       |      |      |
| Jersey (St. Aubin)                                                      | 1021.7    | 53                 | NNW   | 4     | bc       | 1017.1     | -1                 | 50                   | +1                  | NNW  | 4            | -            | og                  | 3      | -        | 56    | 47       | ogp      | ogp       | ogp         | 6.7                  | -          | -       | -                  |       |     |      |          |     |      |       |       |      |       |      |      |
| Portland Bill                                                           | 1018.7    | 52                 | NNW   | 5     | bc       | 1013.0     | -4                 | 50                   | 0                   | W    | 6            | -            | o                   | 6      | -        | 54    | 45       | ogp      | ogp       | ogp         | -                    | -          | -       | -                  |       |     |      |          |     |      |       |       |      |       |      |      |
| Dunagness                                                               | 1015.6    | 53                 | NNW   | 2     | C        | 1009.5     | -4                 | 47                   | 0                   | W    | 4            | W            | r                   | 4      | 2        | 60    | 43       | ogp      | ogp       | ogp         | -                    | -          | -       | -                  |       |     |      |          |     |      |       |       |      |       |      |      |
| Wick                                                                    | 1004.8    | 41                 | NNW   | 2     | bc       | 995.9      | -1                 | 37                   | -5                  | NNW  | 2            | -            | bc                  | 2      | 5        | 47    | 32       | ogp      | ogp       | ogp         | -                    | -          | -       | -                  |       |     |      |          |     |      |       |       |      |       |      |      |
| Wain                                                                    | 1006.9    | 44                 | N     | 2     | C        | 997.5      | -                  | 39                   | -5                  | NNW  | 2            | -            | og                  | 2      | 3        | 52    | 35       | ogp      | ogp       | ogp         | 3.4                  | -          | -       | -                  |       |     |      |          |     |      |       |       |      |       |      |      |
| Leith                                                                   | 1010.3    | 47                 | NW    | 4     | r        | 994.6      | -1                 | 43                   | -2                  | W    | 3            | -            | C                   | 3      | 0.4      | 53    | 39       | ogp      | ogp       | ogp         | -                    | -          | -       | -                  |       |     |      |          |     |      |       |       |      |       |      |      |
| Falmouth                                                                | 1011.1    | 49                 | NNW   | 3     | cm       | 999.2      | -3                 | 43                   | -2                  | W    | 3            | -            | cm                  | 2      | 0.4      | 53    | 42       | ogp      | ogp       | ogp         | -                    | -          | -       | -                  |       |     |      |          |     |      |       |       |      |       |      |      |
| Spurn Head                                                              | 1012.3    | 46                 | S     | 3     | o        |            |                    |                      |                     |      |              |              |                     |        |          |       |          |          |           |             |                      |            |         |                    |       |     |      |          |     |      |       |       |      |       |      |      |

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

§ For code see page 3.



# SUMMARY OF CONDITIONS AT 7h G.M.T. Tuesday, 27th April, 1920.

| Districts.                   | Wind.<br>Velocity in m.p.h. | Temperature. | Weather, Cloud and Precipitation.           | Visibility. | Sea.     |
|------------------------------|-----------------------------|--------------|---------------------------------------------|-------------|----------|
| 1. S.E. England              | SW-NW 15-25                 | Warm.        | Dull, local rain & mist.                    | Good.       | R. Rough |
| 2. E. England                | SW-W 10-20                  | R. Warm.     | Dull, some rain & mist.                     | Indif.      | Slight   |
| 3. E. Midlands               | WSW-W 15.                   | Warm.        | Dull, local showers & mist.                 | Fair.       | -        |
| 4. W. Midlands               | SW-W 15-20                  | "            | Dull, some rain.                            | -           | -        |
| 5. S.W. England              | W-NW 25                     | R. Warm.     | Dull, local squalls.                        | Good.       | R. Rough |
| 6. South Wales               | SW-W 20                     | "            | Dull.                                       | Fair        | Mod      |
| 7. North Wales               | WSW-W. 20-25                | "            | Dull, some rain & mist.                     | Indif.      | R. Rough |
| 8. N.W. England              | SW-W 20-25                  | "            | Dull, heavy local rain.                     | "           | "        |
| 9. N. Midlands               | SW-W 15-20                  | "            | Dull, some rain.                            | Poor.       | -        |
| 10. N.E. England             | SW-W 10-20                  | "            | Cloudy or dull, local<br>drizzle or showers | Indif.      | Slight   |
| 11. E. Scotland              | W-NW 10-20                  | Normal.      | Fair or cloudy.                             | Good.       | "        |
| 12. S.W. Scotland            | W. 5-15                     | "            | Fair to dull.                               | "           | "        |
| 13. Isle of Man              | W. 15                       | "            | Dull, some rain.                            | -           | Mod.     |
| 14. N. & N.W. Scot-<br>land  | NW-W 5-10                   | R. Cool.     | Fair or cloudy.                             | Good.       | "        |
| 15. Hebrides                 | -                           | -            | -                                           | -           | -        |
| 16. Orkneys and<br>Shetlands | NW. 5-10                    | R. Cool      | Fair. Mist at Shetlands.                    | Fair        | Smooth   |
| 17. N.W. Ireland             | W-WNW. 15                   | Normal.      | Dull, local rain.                           | Good.       | R. Rough |
| 18. N.E. Ireland             | W-WNW. 10-15                | "            | Dull, local squalls and<br>rain.            | Fair.       | Mod.     |
| 19. S.E. Ireland             | W. 10-15                    | Warm.        | Dull, rainy.                                | Poor.       | "        |
| 20. S.W. Ireland             | WSW-W. 15-20                | "            | Dull.                                       | Good.       | "        |

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

A depression centred over the Northern North Sea is moving slowly South-Eastward or Southward. There are also indications of a new disturbance approaching from the Westward. Generally unsettled conditions are therefore probable for at least a day or two.

15h G.M.T. Tuesday, 27th April, 1920.

| Districts.                                                                               | Forecast for the 24 hours commencing 9h G.M.T.                                                                                                           |
|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands<br>4. W. Midlands                     | Wind South-West veering later to North-West, fresh or strong; dull, some rain; visibility indifferent, improving later; temperature moderate.*           |
| 5. S.W. England<br>6. South Wales<br>7. North Wales<br>8. N.W. England<br>9. N. Midlands | Wind West, veering to North-West or North, fresh or strong; dull, some rain; showery with fair intervals later; visibility mainly good; becoming colder. |
| 10. N.E. England<br>11. E. Scotland<br>12. S.W. Scotland<br>13. Isle of Man              | Wind North-West or North, moderate to fresh; variable sky; some showers, sleet or hail showers locally; visibility mainly good; cold.                    |
| 14. N. & N.W. Scot-<br>land<br>15. Hebrides<br>16. Orkneys and<br>Shetlands              | Wind North or North-East, moderate to fresh; cloudy or over-<br>cast; local showers of rain, hail, or sleet; visibility fair; cold.                      |
| 17. N.W. Ireland<br>18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland             | As for 5 - 9.                                                                                                                                            |

**EXPLANATION.**  
 BAROMETER.—Inches are given in  
 intervals of two millibars.  
 WIND.—Direction is shown by  
 arrow pointing to the direction  
 blowing from. Force, in knots,  
 0-17, is indicated by the number  
 of feathers. Mean velocity in knots  
 per hour by figure in small circles.  
 TEMPERATURE.—Inches are given  
 in intervals of two millibars.  
 WEATHER SYMBOLS.—  
 ☉ clear sky. ☁ sky & clouds.  
 ☁ sky & clouds. ☁ sky & clouds.  
 ☁ sky & clouds. ☁ sky & clouds.  
 \* snow. \* hail. \* fog.  
 T thunder. R rain. S sleet. H hail.  
 SEA DISTURBANCE.—  
 Rough. Very rough. Stormy.

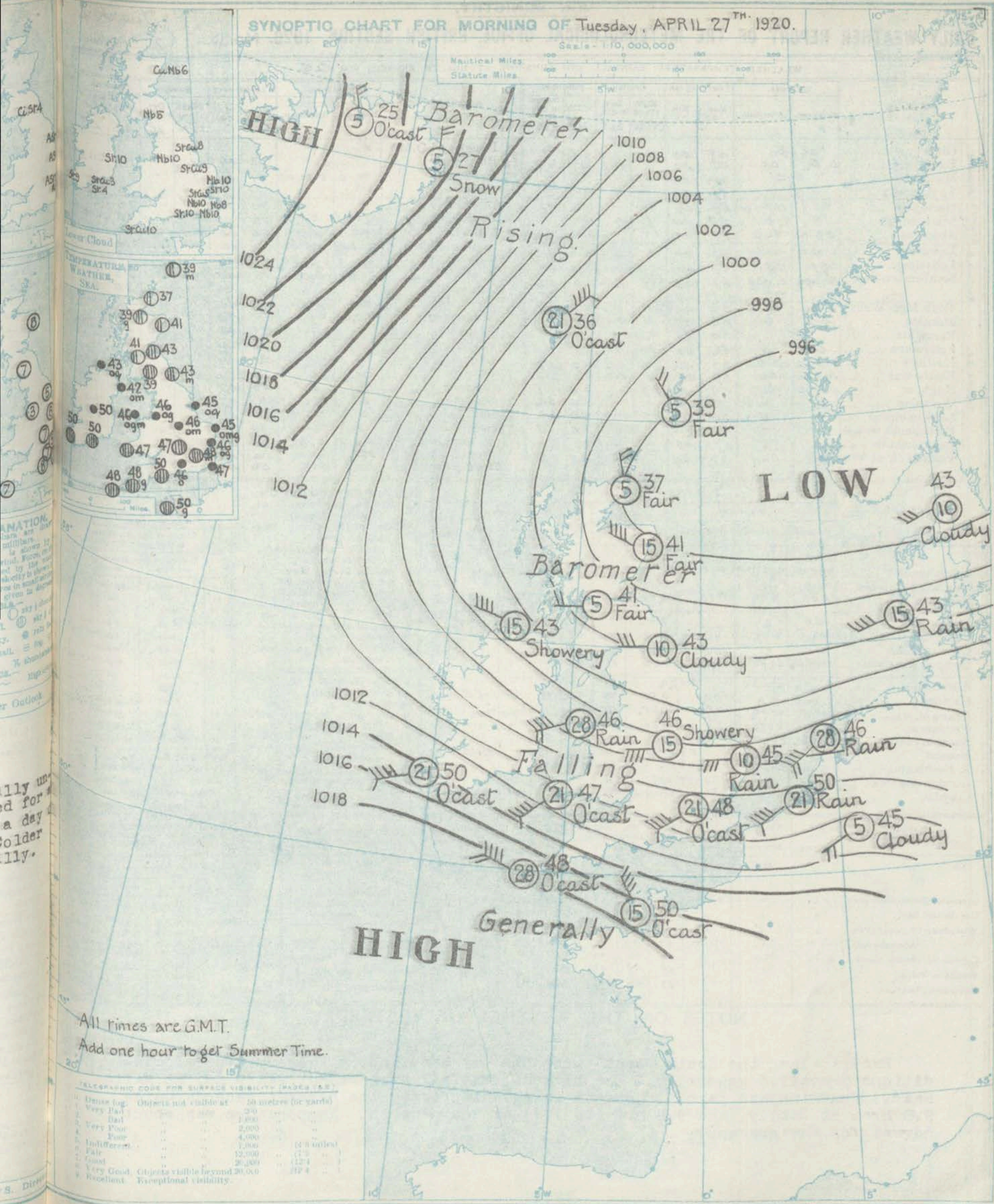
Further Outlook

Generally un-  
settled for  
at least a day  
or two. Colder  
generally.



# SYNOPTIC CHART FOR MORNING OF Tuesday, APRIL 27<sup>TH</sup> 1920.

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



All times are G.M.T.

Add one hour to get Summer Time.

## TELEGRAPHIC CODE FOR SURFACE VISIBILITY (MILES & FEET)

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



## AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 118.

Tuesday  
27<sup>th</sup> APRIL

| WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 26 <sup>th</sup> |                      |           |            |              |         |                                   |                  |                  |                     |               |                    |         |           |            |              |         |                                   |                  |                  |                     |
|------------------------------------------------------------------------------------|----------------------|-----------|------------|--------------|---------|-----------------------------------|------------------|------------------|---------------------|---------------|--------------------|---------|-----------|------------|--------------|---------|-----------------------------------|------------------|------------------|---------------------|
| STATIONS.                                                                          |                      | WEATHER.  |            | TEMPERATURE. |         | Rainfall.                         |                  | SUNSHINE.        |                     |               | STATIONS.          |         | WEATHER.  |            | TEMPERATURE. |         | Rainfall.                         |                  | SUNSHINE.        |                     |
|                                                                                    |                      | Forenoon. | Afternoon. | Max. F.      | Min. F. | Night. 17h-9h.                    | Day. 9h-17h.     | to 17h.          | Sunrise to Sun-set. |               |                    |         | Forenoon. | Afternoon. | Max. F.      | Min. F. | Night. 17h-9h.                    | Day. 9h-17h.     | to 17h.          | Sunrise to Sun-set. |
|                                                                                    |                      |           |            |              |         | 25 <sup>th</sup> 26 <sup>th</sup> | 26 <sup>th</sup> | 26 <sup>th</sup> | 29 <sup>th</sup>    |               |                    |         |           |            |              |         | 25 <sup>th</sup> 26 <sup>th</sup> | 26 <sup>th</sup> | 26 <sup>th</sup> | 25 <sup>th</sup>    |
| Scotland.                                                                          | Oban ...             | oc        | opo        | 48           | 43      | 1                                 | 1                | 0.0              | ?                   | England, N.W. | Douglas (I.O.M.)   |         |           | 53         | 46           | 2       | -                                 | 7.7              | 10.2             |                     |
|                                                                                    | Banff ...            | c.bc      | cp         | 48           | 40      | 9                                 | 0.2              | 2.1              | 6.2                 |               | Blackpool ...      | c       | c         | 51         | 46           | 1       | -                                 | 7.1              | 10.7             |                     |
|                                                                                    | Montrose ...         |           | b.c        | 54           | 42      | -                                 | -                | 6.0              | ?                   |               | Southport ...      | b.c     | b.b.c.c   | 51         | 46           | -       | -                                 | -                | -                |                     |
|                                                                                    | St. Andrews ...      | -         | -          | 53           | 41      | -                                 | -                | 5.2              | ?                   |               |                    |         |           |            |              |         |                                   |                  |                  |                     |
| England, N.E.                                                                      | Harrogate ...        | b.c       | c.b.c      | 54           | 42      | -                                 | -                | 3.8              | 7.2                 | Midlands.     | Buxton ...         | ?       | ?         | 50         | 41           | 11      | -                                 | 2.3              | ?                |                     |
|                                                                                    | Scarborough ...      | b         | bc         | 57           | 44      | 1                                 | -                | 6.0              | ?                   |               | Leamington Spa ... | c.b.c   | b         | 56         | 45           | -       | -                                 | 3.5              | 8.4              |                     |
|                                                                                    | Skegness ...         | o.c.b.c   | bc         | 51           | 44      | 1                                 | -                | 3.4              | ?                   |               | Malvern ...        | oc      | c.o       | 54         | 44           | 0.1     | -                                 | 2.7              | ?                |                     |
|                                                                                    | Lowestoft ...        | c.opc     | c.b.c      | 51           | 44      | 1                                 | 0.1              | 6.0              | 5.6                 |               | Ross-on-Wye ...    | b.c.b.c | cp.b.c    | 56         | 44           | -       | 0.2                               | 2.6              | 5.1              |                     |
| England, E.                                                                        | Felixstowe ...       | c.p       | opm        | 55           | 46      | 1                                 | -                | 5.4              | 6.5                 | Wales.        | Bath ...           | oc      | c.o.b.c   | 59         | 45           | 1       | -                                 | 3.3              | 5.5              |                     |
|                                                                                    | Southend-on-Sea ...  | op.opc    | c.opg      | 57           | 42      | 1                                 | 0.2              | 5.3              | 7.2                 |               | Rhyl ...           | c.b.c   | b.c       | 51         | 45           | 0.1     | -                                 | 4.3              | 9.1              |                     |
|                                                                                    |                      |           |            |              |         |                                   |                  |                  |                     |               | Colwyn Bay ...     | *       | *         | 52         | 46           | -       | -                                 | 3.6              | 8.7              |                     |
|                                                                                    |                      |           |            |              |         |                                   |                  |                  |                     |               | Llandudno ...      | b.c     | c.b.c     | 51         | 46           | 1       | -                                 | 4.8              | 10.2             |                     |
| England, S.E.                                                                      | Tunbridge Wells      | c.b.c     | c          | 55           | 42      | -                                 | -                | 2.7              | 5.7                 | England, S.W. | Aberystwyth ...    | p.o.c   | c.c.o     | 51         | 46           | 1       | -                                 | 2.5              | ?                |                     |
|                                                                                    | Margate ...          | b.c       | c          | 52           | 45      | 2                                 | 0.2              | 3.8              | ?                   |               | Swansea ...        | -       | -         | 56         | 46           | 1       | 0.3                               | 2.2              | ?                |                     |
|                                                                                    | Ramsgate ...         |           | bc         | 54           | 42      | 2                                 | -                | 5.9              | ?                   |               | Weymouth ...       | c       | c         | 59         | 47           | -       | -                                 | 7.8              | ?                |                     |
|                                                                                    | Folkestone ...       | c         | og         | 56           | 44      | 1                                 | -                | 5.8              | 5.4                 |               | Teignmouth ...     | -       | -         | 56         | 47           | -       | -                                 | 6.3              | ?                |                     |
|                                                                                    | Hastings ...         | or.b.c    | op.b.c     | 57           | 42      | 0.4                               | 0.2              | 4.7              | 4.8                 |               | Torquay ...        | bc      | b.c       | 58         | 47           | -       | -                                 | 7.2              | 7.2              |                     |
|                                                                                    | Eastbourne ...       | b.c       | bc         | 57           | 45      | 0.1                               | 0.2              | 6.0              | 6.2                 |               | Paignton ...       | b.c     | bc        | 56         | 45           | -       | -                                 | 8.5              | ?                |                     |
|                                                                                    | Brighton ...         | o.c.b.c   | bc         | 59           | 45      | 0.3                               | -                | 7.4              | 4.7                 |               | Penzance ...       | bc      | bc        | 56         | 47           | -       | -                                 | 7.0              | 10.5             |                     |
|                                                                                    | Worthing ...         | bc        | bc         | 58           | 44      | -                                 | -                | 7.4              | 5.6                 |               | Newquay ...        | c       | b.c       | 52         | 47           | -       | -                                 | 4.0              | 8.7              |                     |
|                                                                                    | Littlehampton ...    | c         | bc         | 59           | 47      | -                                 | -                | 9.0              | 6.6                 |               | Bude ...           | -       | -         | 53         | 47           | -       | -                                 | 4.6              | ?                |                     |
|                                                                                    | Portsmouth (S'thsea) | -         | -          | 57           | 46      | -                                 | -                | 7.4              | 7.7                 |               | Ilfracombe ...     | m.c     | c.b.c     | 54         | 48           | -       | -                                 | 3.8              | ?                |                     |
|                                                                                    | Bournemouth ...      | *         | *          | 57           | 45      | -                                 | -                | 9.5              | 8.3                 |               | Weston-s-Mare ...  | b.c     | b.c       | 54         | 46           | -       | -                                 | 3.3              | ?                |                     |
|                                                                                    | Ventnor (I. of W.)   | *         | *          | 57           | 44      | -                                 | -                | 7.8              | 8.6                 |               | Oberby (Wales)     | c.c     | b.c       | 56         | 49           | -       | -                                 | 2.2              | ?                |                     |

| SUMMARIES FOR PAST 24 HOURS. |  |          |          |              |         |              |                |           |     |                    |    |   |   |
|------------------------------|--|----------|----------|--------------|---------|--------------|----------------|-----------|-----|--------------------|----|---|---|
| STATIONS.                    |  | WEATHER. |          | TEMPERATURE. |         | RAINFALL.    |                | SUNSHINE. |     | BEAUFORT NOTATION. |    |   |   |
|                              |  | 7h-13h.  | 13h-18h. | Max. F.      | Min. F. | Day. 7h-18h. | Night. 18h-7h. | Hours.    | mm. | b                  | bc | c | d |
| Eskdalemuir ...              |  | b.c.og   | og.opg   | 52           | 38      | 34           | 1              | 5         | 6.4 | e                  | f  | g | h |
| Valencia (Cahirciveen) ...   |  | c.o      | o        | 51           | 47      | 46           | -              | 0.2       | -   | i                  | j  | k | l |
| Baldonnel ...                |  | c.og     | p.og     | 53           | 47      | 37           | trace          | 3         | 3.5 | m                  | n  | o | p |
| Didsbury ...                 |  | c.o      | c        | 54           | 45      | 42           | -              | 6.3       | -   | q                  | r  | s | t |
| Falmouth ...                 |  | og.o     | b.bz     | 54           | 45      | 42           | -              | 5.7       | -   | u                  | v  | w | x |
| Calshot (Hants) ...          |  | c.c      | c        | 58           | 46      | 45           | -              | 5.1       | -   | y                  | z  |   |   |
| Lympe (Folkestone) ...       |  | oc.p.c   | og.p.c   | 55           | 44      | 39           | 1              | 5.1       | -   |                    |    |   |   |
| Aberdeen ...                 |  | b.c.a    | op.b.c   | 51           | 37      | 29           | 1              | 4.1       | -   |                    |    |   |   |
| Howden ...                   |  | g.b.c    | p.g      | 55           | 41      | 42           | *              | 13        | 5.0 |                    |    |   |   |
| Cranwell (Lincs) ...         |  | omp      | omp      | 53           | 43      | *            | trace          | 2.9       | -   |                    |    |   |   |
| Felixstowe ...               |  | p.b.c    | b.c.c    | 55           | 45      | *            | *              | *         | -   |                    |    |   |   |
| Shoeburyness ...             |  | c.p.c    | op.c     | 55           | 45      | 42           | 1              | 0.4       | 4.7 |                    |    |   |   |
| Benson ...                   |  | oc       | c        | 56           | 45      | 44           | -              | trace     | *   |                    |    |   |   |
| S. Farnborough ...           |  | c.oz     | cy.bcz   | 61           | 44      | 41           | -              | 1         | 5.9 |                    |    |   |   |
| London (Kew Obs.) ...        |  | om.c     | c.oz     | 56           | 46      | 42           | -              | 0.1       | 2.2 |                    |    |   |   |
| Croydon ...                  |  | oz       | oz       | 55           | 45      | *            | 0.1            | 0.4       | *   |                    |    |   |   |

| LONDON.<br>OBSERVATIONS.                        |  | WEATHER.   |        |         | Max.<br>Temp. |      | Min.<br>Temp. |        | Min. on<br>Grass. |                | Rain-<br>fall. | Sun-<br>shine to<br>Sunset. | HUMIDITY % |  | SOUTH KENSINGTON<br>(Meteorological Office). | TABLE SHOWING THE GREENWICH TIMES OF<br>SUNRISE, NOON AND SUNSET FOR STATIONS<br>IN THE UNITED KINGDOM. |  |  |  |  |  |
|-------------------------------------------------|--|------------|--------|---------|---------------|------|---------------|--------|-------------------|----------------|----------------|-----------------------------|------------|--|----------------------------------------------|---------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| Morning.                                        |  | Afternoon. | Night. | ° F.    | ° F.          | ° F. | mm.           | Hours. | 15 h.<br>G.M.T.   | 9 h.<br>G.M.T. |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
| 24 HOURS ENDED 9h G.M.T. 27 <sup>th</sup> ..... |  |            |        |         |               |      |               |        |                   |                |                | YESTERDAY.                  | TO-DAY.    |  |                                              |                                                                                                         |  |  |  |  |  |
| Greenwich (Royal Observatory)                   |  | oc         | o      | o 0 pr. | 57            | 45   | 41            | trace  | 2.2               | 62             | 76             |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
| City (Bunhill Row) ...                          |  | *          | *      | *       | *             | *    | *             | *      | 2.6               | *              | *              |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
| Westminster (St. James's Park)                  |  | *          | *      | *       | 60            | 46   | 42            | 0.3    | *                 | 61             | 74             |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
| " (Admiralty Arch)                              |  | opm        | cz     | op co   | 57            | 47   | *             | 0.1    | 2.2               | 75             | 83             |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
| Camden Sq. (British Rainfall)                   |  | g. bc      | bco    | *       | 57            | 46   | 43            | trace  | *                 | 60             | 78             |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
| Kensington Palace ...                           |  | o          | oc     | *       | 55            | 45   | 43            | 0.2    | *                 | 61 (18h)       | 78             |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
| Hampstead Observatory ...                       |  | *          | *      | *       | 53            | 44   | 41            | trace  | 3.1               | *              | 80             |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |
|                                                 |  |            |        |         |               |      |               |        |                   |                |                |                             |            |  |                                              |                                                                                                         |  |  |  |  |  |

## NOTES ON THE WEATHER OF YESTERDAY.

Except along the South Coast where the day was fine, a showery type of conditions prevailed generally. The highest rainfall measurement was 9 mm. at Malin Head. Sunshine was fairly abundant in all districts, the highest records being 9.8 hrs. at Scilly, and 9.5 hrs (to 17h) at Bournemouth. Temperature was about normal for the season.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B.21342

WEDNESDAY, 28<sup>TH</sup> APRIL, 1920.

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

| STATIONS.                      | BAROM.    | 1                  | WIND. |             | TEMP. | Humidity. | Visibility. | Height of Low Cloud. | Low Cloud. |            | Upper Cloud. |            | Sea | BAROM. | 1         | 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. |       |           |             |                      | Form.      | Amt. 0-10. | Form.        | Amt. 0-10. |     | 0-9.   | at M.S.L. | Change in 3 hours. | Dir. |       |           |             |                      | Force 0-12. | Form.  | Amt. 0-10.   | Form.                           |       | Amt. 0-10. | 0-9. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                | mb.       |                    |       |             |       |           |             |                      |            |            |              |            |     |        | mb.       |                    |      |       |           |             |                      |             |        |              |                                 |       |            |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13H. G.M.T. 27 <sup>th</sup>   |           |                    |       |             |       |           |             |                      |            |            |              |            |     |        |           |                    |      |       |           |             |                      |             |        |              | 13H. G.M.T. OF 27 <sup>th</sup> |       |            |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Esksdalemuir                   | 997.2     | -2                 | NW    | 6           | bey   | 46        | 65          | 8                    | -          | CuNB       | 4            | -          | *   | 998.6  | +2        | S                  | 1    | ORSM  | 36        | 85          | 4                    | 1,250       | Nb     | 10           | -                               | -     | *          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Valencia (Cahire'n)            | 1011.0    | -3                 | NNW   | 4           | or    | 48        | 92          | 7                    | 750        | ST         | 10           | -          | -   | 1010.7 | 0         | NN                 | 4    | C     | 48        | 75          | 8                    | 3,000       | Cu     | 5            | A. Cu                           | 2     | *          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Baldonnel                      | 1005.5    | 0                  | W     | 3           | or    | 47        | 75          | 5                    | 750        | Nb         | 10           | -          | -   | 1005.0 | 0         | NNW                | 4    | C     | 48        | 65          | 6                    | 4,200       | Cu     | 7            | -                               | -     | *          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Didsbury                       | 1000.6    | 0                  | NW    | 6           | 0     | 49        | 8           | 5                    | 2000       | CuNB       | 10           | -          | -   | 1001.2 | -1        | NN                 | 5    | C     | 47        | -           | 6                    | 3,000       | CuNB   | 6            | A. Cu                           | 2     | *          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Falmouth                       | 1011.4    | -4                 | W     | 6           | or    | 54        | 85          | 5                    | -          | ST         | 10           | -          | -   | 1008.2 | -4        | W                  | 7    | or    | 53        | 85          | 6                    | -           | ST     | 10           | -                               | -     | *          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Calshot (Hants)                | 1006.2    | -5                 | SW    | 6           | 0     | 53        | 75          | 6                    | 1250       | ST         | 10           | -          | -   | 1003.7 | -2        | N                  | 5    | or    | 50        | 85          | 6                    | 1,250       | Nb     | 10           | -                               | -     | *          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lymington (Folkestone)         | 1003.1    | -7                 | WSW   | 7           | or    | 50        | 85          | 7                    | 750        | ST         | 10           | -          | -   | 1000.7 | -3        | W                  | 5    | or    | 48        | 94          | 7                    | 750         | Nb     | 10           | -                               | -     | *          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Aberdeen                       | 995.6     | 0                  | NNW   | 4           | C     | 45        | 65          | 8                    | -          | CuNB       | 7            | -          | -   | 995.9  | +1        | NNW                | 4    | bc    | 43        | 65          | 8                    | -           | CuNB   | 6            | -                               | -     | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Howden                         | 998.0     | -3                 | W     | 5           | C     | 50        | 65          | 6                    | 3000       | ST         | 4            | A. Cu      | 3   | *      | 996.3     | -2                 | W    | 6     | b. g.     | 48          | 65                   | 7           | 4,200  | ST           | 3                               | -     | -          | *    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cranwell (Lines)               | 1000.2    | -2                 | NNW   | 3           | or    | 45        | 85          | 5                    | 1250       | Nb         | 10           | -          | -   | 999.6  | -1        | NNW                | 4    | C     | 46        | 75          | 8                    | 3,000       | Cu     | 7            | -                               | -     | *          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Felixstowe                     | 1002.5    | -7                 | WSW   | 5           | or    | 49        | 97          | 3                    | 750        | Nb         | 10           | -          | -   | 1001.3 | -3        | W                  | 5    | or    | 48        | 97          | 7                    | 750         | Nb     | 10           | -                               | -     | *          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shoeburyness                   | 1003.0    | -4                 | WSW   | 6           | or    | 50        | 85          | 6                    | 2000       | Fr. Cu     | 6            | A. ST      | 4   | *      | 1001.6    | -1                 | NNW  | 1     | or        | 46          | 85                   | 7           | 3,000  | Nb           | 5                               | A. ST | 4          | *    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Benson                         | 1002.4    | -4                 | N     | 5           | 0     | 49        | 92          | 5                    | -          | ND         | 10           | -          | -   | 1002.5 | 0         | N                  | 3    | bc    | 48        | 85          | 8                    | -           | Cu     | 4            | -                               | -     | *          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S. Farnborough                 | 1004.3    | -6                 | WSW   | 5           | or    | 51        | 85          | 5                    | 1250       | Nb         | 10           | -          | -   | 1003.0 | -1        | N                  | 3    | or    | 48        | 92          | 5                    | 750         | Nb     | 10           | -                               | -     | *          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| London (Kew Obs.)              | 1003.4    | -7                 | WSW   | 4           | or    | 51        | 85          | 5                    | 2000       | Nb         | 8            | A. ST      | 2   | *      | 1002.2    | 0                  | W    | 2     | or        | 49          | 85                   | 5           | 2,000  | ST           | 10                              | -     | -          | *    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Croydon                        | 1003.7    | -6                 | W     | 5           | or    | 50        | 92          | 6                    | 750        | Nb         | 10           | -          | -   | 1002.5 | -1        | N                  | 2    | or    | 47        | 92          | 7                    | 1,250       | ST     | 3            | A. ST                           | 7     | *          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1H. G.M.T. OF 28 <sup>th</sup> |           |                    |       |             |       |           |             |                      |            |            |              |            |     |        |           |                    |      |       |           |             |                      |             |        |              | 7H. G.M.T. OF 28 <sup>th</sup>  |       |            |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Esksdalemuir                   | 1000.3    | +1                 | W     | 1           | b     | 34        | 85          | 7                    | -          | Cu         | 1            | -          | -   | 999.5  | 0         | NNW                | 4    | C     | 36        | 85          | 8                    | -           | CuNB   | 2            | C. ST                           | 6     | *          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Valencia (Cahire'n)            | 1009.8    | 0                  | NNW   | 6           | bey   | 45        | -           | -                    | -          | -          | -            | -          | -   | 1011.0 | +2        | NNW                | 3    | bey   | 41        | 85          | 8                    | 3000        | Cu     | 5            | -                               | -     | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Baldonnel                      | 1006.0    | 0                  | W     | 3           | or    | 38        | 97          | 0                    | 2000       | ST         | 10           | -          | -   | 1006.5 | +1        | W                  | 3    | or    | 39        | 92          | 6                    | 750         | ST     | 7            | A. ST                           | 2     | *          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Didsbury                       | *         | *                  | *     | *           | *     | *         | *           | *                    | *          | *          | *            | *          | *   | 1001.3 | 0         | NNW                | 5    | C     | 42        | -           | 5                    | 2000        | Cu     | 5            | A. Cu                           | 2     | *          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Falmouth                       | 1008.1    | -1                 | NW    | 3           | b     | 45        | 70          | 8                    | -          | Cu         | 2            | -          | -   | 1007.7 | 0         | NW                 | 4    | bc    | 45        | 75          | 8                    | -           | CuNB   | 4            | -                               | -     | *          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Calshot (Hants)                | 1003.4    | -1                 | W     | 3           | C     | 44        | 85          | 8                    | 3000       | ST         | 8            | -          | -   | 1004.4 | 0         | W                  | 3    | b     | 45        | 75          | 8                    | -           | -      | -            | -                               | 2     | *          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lymington (Folkestone)         | *         | *                  | *     | *           | *     | *         | *           | *                    | *          | *          | *            | *          | *   | 1002.0 | 0         | NNW                | 3    | b     | 41        | 85          | 7                    | 2000        | ST     | 1            | C. ST                           | 1     | *          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Aberdeen                       | *         | *                  | *     | *           | *     | *         | *           | *                    | *          | *          | *            | *          | *   | 997.6  | +1        | NW                 | 4    | bc    | 40        | 97          | 8                    | -           | CuNB   | 4            | -                               | -     | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Howden                         | 994.5     | -1                 | W     | 2           | b     | 35        | 97          | 6                    | 3000       | ST         | 1            | -          | -   | 999.1  | 0         | W                  | 3    | bz    | 42        | 75          | 6                    | 2000        | ST     | 3            | -                               | -     | *          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cranwell (Lines)               | 1000.8    | -1                 | W     | 4           | b     | 36        | 97          | 5                    | -          | -          | -            | -          | -   | 1000.6 | 0         | W                  | 4    | bz    | 41        | 92          | 5                    | -           | -      | -            | -                               | -     | *          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Felixstowe                     | *         | *                  | *     | *           | *     | *         | *           | *                    | *          | *          | *            | *          | *   | 1002.1 | 0         | W                  | 5    | b     | 42        | 92          | 6                    | 2000        | Fr. Cu | 1            | Cu                              | 1     | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shoeburyness                   | *         | *                  | *     | *           | *     | *         | *           | *                    | *          | *          | *            | *          | *   | 1002.1 | 0         | NNW                | 3    | b     | 44        | 75          | 7                    | -           | Cu     | 5            | -                               | -     | *          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Benson                         | *         | *                  | *     | *           | *     | *         | *           | *                    | *          | *          | *            | *          | *   | 1002.3 | 0         | NNW                | 3    | bc    | 42        | 85          | 6                    | -           | Cu     | 5            | -                               | -     | *          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S. Farnborough                 | *         | *                  | *     | *           | *     | *         | *           | *                    | *          | *          | *            | *          | *   | 1003.4 | 0         | NNW                | 3    | b     | 41        | 85          | 6                    | -           | ST     | 1            | -                               | -     | *          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| London (Kew Obs.)              | 1002.5    | 0                  | *     | *           | *     | *         | *           | *                    | *          | *          | *            | *          | *   | 1002.8 | 0         | W                  | 2    | bz    | 43        | 85          | 5                    | -           | ST     | 1            | -                               | -     | *          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Croydon                        | 1003.1    | 0                  | W     | 2           | bm    | 41        | 92          | 7                    | -          | -          | -            | A. ST      | 2   | *      | 1002.9    | 0                  | NNW  | 3     | bm        | 42          | 85                   | 5           | -      | -            | -                               | -     | *          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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

| STATIONS.                 | BAROM.<br>at<br>M.S.L.          | TEMP.<br>°F. | WIND.          |                     | Weather. | BAROMETER.                     |              | TEMPERATURE.              |        | WIND.          |                                     | Direc.<br>of<br>Upper<br>Cloud. | Weather.    | Sea<br>0-9. | Rainfall<br>mm. | TEMP.            |          | WEATHER.   |        |         | Sunshine<br>Hours. |
|---------------------------|---------------------------------|--------------|----------------|---------------------|----------|--------------------------------|--------------|---------------------------|--------|----------------|-------------------------------------|---------------------------------|-------------|-------------|-----------------|------------------|----------|------------|--------|---------|--------------------|
|                           | mb.                             |              | Force<br>0-12. | at<br>M.S.L.<br>mb. |          | Change<br>in<br>3 hours.       | Temp.<br>°F. | Change<br>in<br>24 hours. | Direc. | Force<br>0-12. | Max.<br>°F.                         |                                 |             |             |                 | Min.<br>°F.      | Morning. | Afternoon. | Night. |         |                    |
|                           | mb.                             | °F.          | Direc.         | Force<br>0-12.      | mb.      | Change<br>in<br>3 hours.       | °F.          | Change<br>in<br>24 hours. | Direc. | Force<br>0-12. | Cloud.                              | Weather.                        | Sea<br>0-9. | mm.         | Max.<br>°F.     | Min.<br>°F.      | Morning. | Afternoon. | Night. | Hours.  |                    |
|                           | 12H. G.M.T. of 27 <sup>th</sup> |              |                |                     |          | 7H. G.M.T. of 28 <sup>th</sup> |              |                           |        |                | 24 HOURS ENDED 7H. 28 <sup>th</sup> |                                 |             |             |                 | 27 <sup>th</sup> |          |            |        |         |                    |
| Lerwick                   | 997.7                           | 43           | ESE            | 2                   | bcm      | 998.3                          | +2           | 42                        | +3     | N              | 8                                   | -                               | bcm         | 6           | 2               | 45               | 40       | bcm        | bcm    | bcm     | *                  |
| Stornoway                 |                                 |              |                |                     |          |                                |              |                           |        |                |                                     |                                 |             |             |                 |                  |          |            |        |         |                    |
| Castlebay (Barra)         |                                 |              |                |                     |          |                                |              |                           |        |                |                                     |                                 |             |             |                 |                  |          |            |        |         |                    |
| Glasgow                   | 998.1                           | 46           | WNW            | 4                   | bc       | 1000.2                         | +1           | 41                        | 0      | WNW            | 2                                   | N                               | C           | *           | 0.4             | 48               | 36       | bcy        | beyg   | chr. pb | 2.3                |
| Malin Head                | 1002.0                          | 44           | WNW            | 4                   | cp       | 1003.2                         | 0            | 40                        | -3     | NNW            | 4                                   | -                               | cp          | 4           | Trace           | 46               | 40       | bcp        | bcp    | cop     | 10.1               |
| Blackod Point             | 1006.8                          | 46           | NW             | 2                   | bc       | 1007.9                         | 0            | 47                        | +1     | NW             | 2                                   | -                               | bc          | 2           | 1               | 50               | 38       | bc         | bcp    | bcp     | *                  |
| Roche's Point             | 1008.5                          | 48           | NW             | 5                   | C        | 1009.1                         | 0            | 42                        | -8     | NW             | 3                                   | -                               | b           | 2           | 0.1             | 56               | 39       | op         | op     | bc. b   | *                  |
| Birr Castle               | 1006.9                          | 46           | NW             | 3                   | C        | 1007.6                         | *            | 39                        | -11    | NW             | 2                                   | NW                              | bc          | *           | 4               | 50               | 39       | cp         | cp     | c. bc   | 3.1                |
| Donaghadee                | 1002.8                          | 46           | NW             | 4                   | bey      | 1003.6                         | +1           | 41                        | -1     | NW             | 4                                   | -                               | bm          | 4           | 0.3             | 50               | 36       | cp         | cp     | bc      | *                  |
| Liverpool (Bidston)       | 1001.0                          | 46           | WNW            | 4                   | bc       | 1001.4                         | +1           | 43                        | -3     | WNW            | 5                                   | -                               | 0           | 4           | 6               | 48               | 40       | o. bc      | o. bc  | cop     | 4.9                |
| Holyhead                  | 1002.6                          | 47           | WNW            | 5                   | cp       | 1003.5                         | +1           | 43                        | -3     | NW             | 6                                   | -                               | cp          | 5           | 5               | 50               | 42       | o. bc      | cp     | bcph    | 3.5                |
| Pembroke (St. Ann's Head) | 1005.8                          | 48           | W              | 2                   | C        | 1006.1                         | 0            | 43                        | -4     | NW             | 3                                   | NW                              | cp          | 3           | 2               | 49               | 42       | o. bc      | cp     | bcph    | 0.4                |
| Scilly (St. Mary's)       | 1010.6                          | 51           | NNW            | 5                   | 0        | 1009.2                         | 0            | 45                        | -3     | NW             | 5                                   | NW                              | bc          | 5           | 1               | 53               | 44       | o. bc      | cp     | bcph    | 0.7                |
| Jersey (St. Aubin)        | 1010.6                          | 51           | WNW            | 7                   | og       | 1007.3                         | 0            | 48                        | -2     | W              | 3                                   | W                               | C           | 3           | 2               | 53               | 46       | og. og     | og. og | og. bc  | 0.0                |
| Portland Bill             | 1004.7                          | 51           | WSW            | 7                   | og       | 1005.2                         | +2           | 48                        | -2     | NW             | 5                                   | NW                              | bc          | 6           | 2               | 52               | 44       | og. og     | og. og | og. bc  | *                  |
| Dunneen                   | 1000.9                          | 50           | WSW            | 8                   | og       | 1002.1                         | +1           | 46                        | -1     | W              | 3                                   | -                               | bx          | 4           | 5               | 60               | 36       | og. og     | og. og | og. bc  | *                  |
| Wick                      | 996.3                           | 39           | N              | 2                   | cm       | 997.7                          | +2           | 43                        | +6     | NNW            | 3                                   | -                               | cm          | 3           | 8               | 44               | 36       | bc. cm     | bc. cm | bc. cm  | *                  |
| Nairn                     | 998.0                           | 41           | NNW            | 4                   | C        | 999.6                          | *            | 42                        | +3     | NNW            | 3                                   | -                               | cu          | 3           | 2               | 47               | 37       | bc. cm     | bc. cm | bc. cm  | 3.3                |
| Leith                     | 996.4                           | 45           | WSW            | 2                   | C        | 998.3                          | 0            | 41                        | -2     | NW             | 2                                   | N                               | C           | 2           | 3               | 51               | 37       | bc. cm     | bc. cm | bc. cm  | *                  |
| Tynemouth                 | 996.4                           | 41           | W              | 2                   | cm       | 997.7                          | 0            | 39                        | -4     | WNW            | 2                                   | -                               | cm          | 3           | 2               | 53               | 35       | bc. cm     | bc. cm | bc. cm  | *                  |
| Spurn Head                | 996.0                           | 49           | W              | 5                   | bey      | 998.3                          | 0            | 43                        | -2     | WNW            | 6                                   | -                               | bc          | 5           | 3               | 49               | 37       | bc. cm     | bc. cm | bc. cm  | *                  |
| Yarmouth (Notf.)          | 999.2                           | 49           | NN             | 3                   | C        | 1000.0                         | +1           | 40                        | -5     | WNW            | 3                                   | -                               | b           | 2           | 5               | 50               | 36       | og. og     | og. og | og. bc  | 0.0                |
| Clacton-on-Sea            | 1000.7                          | 46           | W              | 1                   | 0        | 1001.4                         | +1           | 42                        | -4     | W              | 4                                   | NW                              | bc          | 3           | 6               | 51               | 39       | og. og     | og. og | og. bc  | 0.3                |
| Nottingham                | 999.7                           | 47           | W              | 6                   | b        | 1000.6                         | *            | 42                        | -4     | W              | 2                                   | W                               | bm          | *           | 1               | 50               | 37       | op         | op     | bc      | 3.6                |

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

§ For code see page 3.



# SUMMARY OF CONDITIONS AT 7h A.M.T. Wednesday, 28th April, 1920.

| Districts.                | Wind.<br>Velocity in m.p.h. | Temperature. | Weather, Cloud and Precipitation.                    | Visibility. | Sea.     |
|---------------------------|-----------------------------|--------------|------------------------------------------------------|-------------|----------|
| 1. S.E. England           | WNW 5-10                    | Cold.        | Fine, local haze.                                    | Fair.       | Smooth   |
| 2. E. England             | W'ly. 10-20                 | "            | Fair or fine, local haze.                            | "           | Slight   |
| 3. E. Midlands            | W-NW. 5-10                  | "            | Fair or fine, local mist.                            | "           | -        |
| 4. W. Midlands            | W-NW. 5-15                  | "            | Fair generally.                                      | "           | -        |
| 5. S.W. England           | NW. 15-20                   | E. Cold.     | Fair.                                                | V. Good.    | R. Rough |
| 6. South Wales            | NW. 5-15                    | "            | Cloudy.                                              | "           | Slight   |
| 7. North Wales            | NW. 10-15                   | Cold.        | Cloudy, squally.                                     | Good        | R. Rough |
| 8. N.W. England           | NW'ly. 15-20                | "            | Cloudy or dull.                                      | Fair.       | Mod.     |
| 9. N. Midlands            | W-NW. 5-10                  | "            | Fine to cloudy.                                      | "           | -        |
| 10. N.E. England          | W-NW 10-25                  | "            | Fine to cloudy, local mist<br>squalls at Spurn Head. | "           | Mod.     |
| 11. E. Scotland           | NW. 5-15                    | "            | Fair or cloudy.                                      | V. Hood.    | Slight.  |
| 12. S.W. Scotland         | W-NW. 5-15                  | "            | Cloudy.                                              | "           | Mod.     |
| 13. Isle of Man           | NW. 10-20                   | "            | Fine to cloudy.                                      | Fair.       | "        |
| 14. N. & N.W. Scotland    | NW'ly. 5-10                 | Normal.      | Cloudy local mists.                                  | "           | Slight.  |
| 15. Hebrides              | No reports.                 |              |                                                      |             |          |
| 16. Orkneys and Shetlands | N. 35-45                    | Normal.      | Fair, misty, squally.                                | Indif.      | Rough.   |
| 17. N.W. Ireland          | NW. 5-10                    | "            | Fair.                                                | Fair.       | Smooth   |
| 18. N.E. Ireland          | NNW. 15                     | Cold.        | Fine to cloudy, local<br>mist & squalls.             | "           | Mod.     |
| 19. S.E. Ireland          | W-NW 5-10                   | "            | Fair to dull.                                        | Good.       | Slight.  |
| 20. S.W. Ireland          | NNW-NNE. 10                 | V. Cold.     | Fair or fine.                                        | V. Good.    | "        |

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

Pressure has again become high over Iceland and a deep depression over the Skagerrak region is increasing in intensity. The resultant North-Westerly to Northerly wind current over the British Isles will maintain rather cold weather with local showers and variable skies during the next day or two.

**EXPLANATION.**  
 BAROMETER.—Isobars are shown at intervals of two millibars.  
 WIND.—Direction is shown by a line lying 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 millibars.  
 WEATHER SYMBOLS.—  
 ☉ clear sky. ☁ sky & clouds. ☂ rain. ☄ overcast sky. ☇ rain & snow. \* snow. △ hail. ≡ fog. T thunder. R thunder & rain.  
 SEA DISTURBANCE.—  
 Rough. High.



## Districts. Forecasts for the 24 hours commencing 3 p.m. 15h. G.M.T. Wednesday, 28th April, 1920.

|                           |                                                                                                                                                         |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. S.E. England           | Wind mainly North-Westerly, fresh; variable skies; local showers; bright intervals; visibility good; rather cold; slight frosts at night.               |
| 2. E. England             |                                                                                                                                                         |
| 3. E. Midlands            |                                                                                                                                                         |
| 4. W. Midlands            |                                                                                                                                                         |
| 5. S.W. England           |                                                                                                                                                         |
| 6. South Wales            |                                                                                                                                                         |
| 7. North Wales            | Wind North-West to North, fresh or strong; variable sky; local showers of rain or hail, perhaps thunder; visibility good; cold; slight frosts 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 North to North-East, strong; cloudy, snow showers; visibility fair; cold.                                                                          |
| 14. N. & N.W. Scotland    |                                                                                                                                                         |
| 15. Hebrides              |                                                                                                                                                         |
| 16. Orkneys and Shetlands | Wind Northerly, moderate; variable sky; local showers; visibility good; rather cold; slight frosts at night.                                            |
| 17. N.W. Ireland          |                                                                                                                                                         |
| 18. N.E. Ireland          |                                                                                                                                                         |
| 19. S.E. Ireland          |                                                                                                                                                         |
| 20. S.W. Ireland          |                                                                                                                                                         |

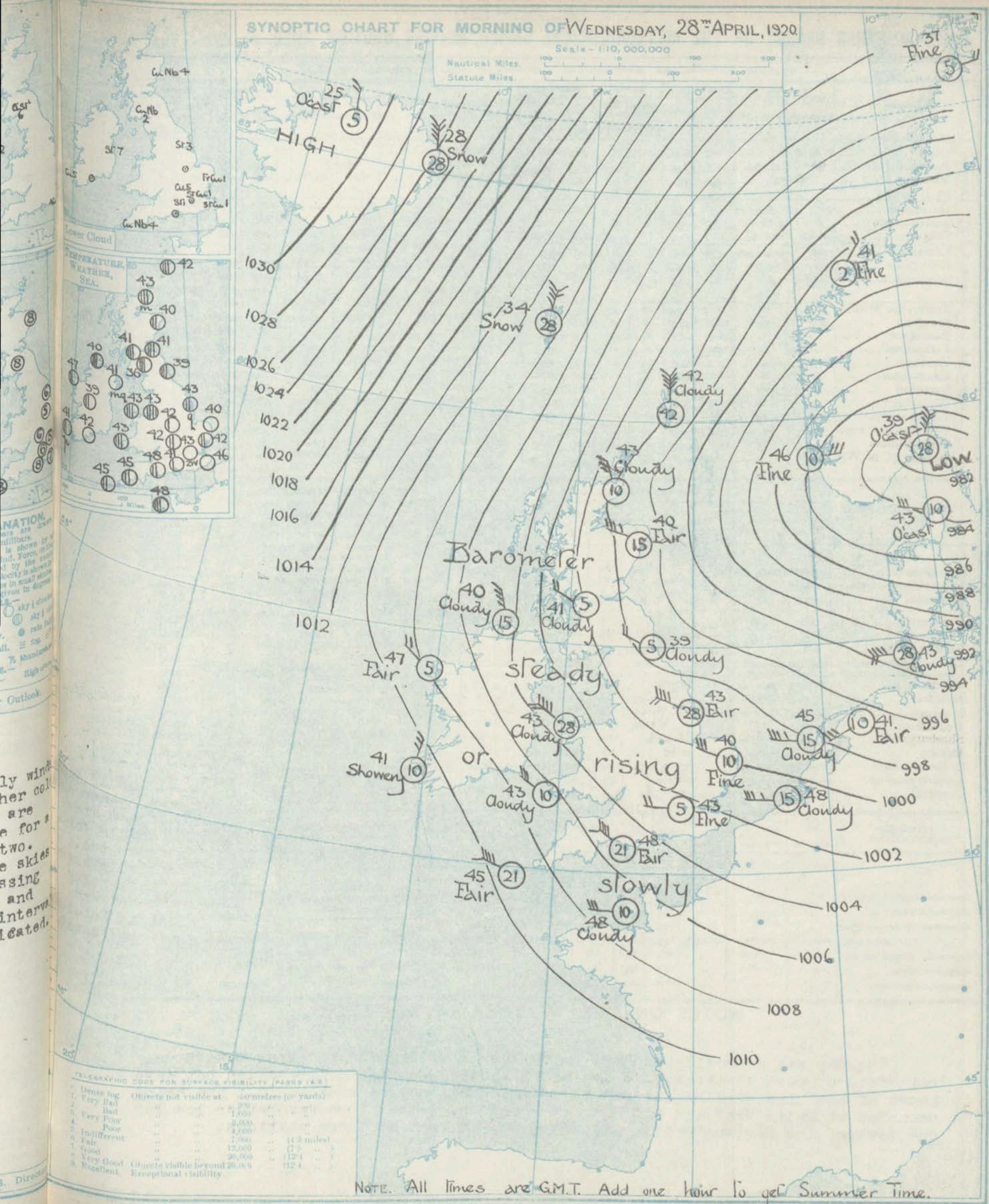
Northerly winds and rather cold weather are probable for a day or two. Variable skies with passing showers and bright intervals are indicated.



# SYNOPTIC CHART FOR MORNING OF WEDNESDAY, 28<sup>th</sup> APRIL, 1920.

Scale - 1:10,000,000

Nautical Miles  
Statute Miles





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

| STATIONS.               | WEATHER.  |            | TEMPERATURE. |          | RAINFALL.       |               | SUNSHINE. |                    | STATIONS.          | WEATHER.  |            | TEMPERATURE. |          | RAINFALL.       |               | SUNSHINE. |                    |
|-------------------------|-----------|------------|--------------|----------|-----------------|---------------|-----------|--------------------|--------------------|-----------|------------|--------------|----------|-----------------|---------------|-----------|--------------------|
|                         | Forenoon. | Afternoon. | Max. °F.     | Min. °F. | Night, 17h-21h. | Day, 21h-17h. | to 17h.   | Sunrise to Sunset. |                    | Forenoon. | Afternoon. | Max. °F.     | Min. °F. | Night, 17h-21h. | Day, 21h-17h. | to 17h.   | Sunrise to Sunset. |
| Scotland.               |           |            |              |          |                 |               |           |                    | England, N.W.      |           |            |              |          |                 |               |           |                    |
| Oban ...                | c.b.c.b   | b.c.c.c    | 47           | 39       | -               | 3             | 7.1       | 9.0                | Douglas (I.O.M.)   |           |            |              |          |                 |               |           |                    |
| Banff ...               | op        | c.b.c      | 45           | 34       | 4               | 0.3           | 6.6       | 2.2                | Blackpool ...      | o.c       |            | 49           | 43       | 5               | 1             | 4.6       | 7.7                |
| Montrose ...            |           | bc         | 50           | 36       | -               | 5             | 7.4       | 6.3                | Southport ...      | o         | c.b.c.c    | 49           | 42       | 8               | 1             | 3.7       | 7.1                |
| St. Andrews ...         |           |            |              |          |                 |               |           |                    |                    |           |            |              |          |                 |               |           |                    |
| England, N.E.           |           |            |              |          |                 |               |           |                    | Midlands.          |           |            |              |          |                 |               |           |                    |
| Harrogate ...           | o.c.b.c   | b.b.c.b    | 51           | 41       | 2               | 0.1           | 4.3       | 3.9                | Buxton ...         | o.c.b.c   | b.c.b.c    | 45           | 39       | 16              | 11            | 0.6       | 2.8                |
| Scarborough ...         | o         | c.b.c.b    | 56           | 43       | 2               | 1             | 4.3       | 6.0                | Leamington Spa ... |           |            | 52           | 44       | 1               | 3             | 0.0       | 3.5                |
| Skegness ...            | o.c.b.c   | c.b.c      | 51           | 44       | 1               | 4             | 2.8       | 3.4                | Malvern ...        | o         |            | 50           | 44       | -               | 4             | ?         | 2.7                |
| Lowestoft ...           | op        | o.c.b.c    | 50           | 44       | 2               | 4             | 1.0       | 6.3                | Ross-on-Wye ...    | c.b.c.b   | b.c.b.b    | 52           | 46       | -               | 1             | 0.4       | 2.6                |
| Felixstowe ...          | op        | o          | 51           | 46       | 3               | 5             | 0.0       | 5.7                | Bath ...           | o         |            | 52           | 47       | -               | 4             | 0.0       | 3.3                |
| Southend-on-Sea ...     | op        | o          | 52           | 45       | 0.2             | 4             | 0.0       | 5.3                |                    |           |            |              |          |                 |               |           |                    |
| England, E.             |           |            |              |          |                 |               |           |                    | Wales.             |           |            |              |          |                 |               |           |                    |
| Tunbridge Wells         | o         | o          | 51           | 44       | 1               | 4             | 0.0       | 2.7                | Rhyl ...           | o         | c.b.c      | 48           | 43       | 7               | ?             | 2.6       | 4.3                |
| Margate ...             | o         | o          | 52           | 45       | 2               | 2             | 0.0       | 3.8                | Colwyn Bay ...     |           |            | 49           | 43       | 12              | 4             | 1.5       | 3.6                |
| Ramsgate ...            |           |            | 50           | 43       | 2               | 1             | 0.0       | 5.9                | Llandudno ...      |           |            | 49           | 42       | 9               | 2             | 2.3       | 4.8                |
| Folkestone ...          | o         | o          | 51           | 45       | 1               | -             | 0.0       | 6.1                | Aberystwyth ...    | o         |            | 50           | 44       | 3               | 3             | 0.0       | 2.5                |
| Hastings ...            | o         | o          | 52           | 45       | *               | 2             | 0.3       | 4.8                | Swansea ...        |           |            | 51           | 46       | 2               | 2             | 0.0       | 2.4                |
| Eastbourne ...          | o         | o          | 52           | 47       | 3               | -             | 0.0       | 6.0                |                    |           |            |              |          |                 |               |           |                    |
| Brighton ...            | o         | o          | 51           | 47       | 1               | -             | 0.0       | 7.6                | Weymouth ...       | o         | o          | 57           | 48       | -               | 1             | 0.1       | 8.5                |
| Worthing ...            | o         | o          | 53           | 46       | 1               | -             | 0.0       | 8.1                | Teignmouth ...     | c.b.c     | o          | 57           | 46       | -               | -             | 0.3       | 7.8                |
| Littlehampton ...       | o         | o          | 58           | 46       | 4               | -             | 0.0       | 9.2                | Torquay ...        | o         | c.b.c      | 59           | 47       | -               | 0.1           | 2.3       | 8.5                |
| Portsmouth (S. Sea) ... |           |            | 55           | 47       | 1               | -             | 0.1       | 7.4                | Paignton ...       | o         | c.b.c      | 58           | 44       | -               | -             | 0.0       | 9.3                |
| Bournemouth ...         |           |            | 55           | 46       | -               | 0.3           | 0.0       | 9.8                | Penzance ...       | o         | o          | 55           | 44       | -               | -             | 1.1       | 7.2                |
| Ventnor (I. of W.)      |           |            | 53           | 45       | 1               | -             | 0.0       | 7.9                | Newquay ...        |           |            | 53           | 47       | -               | -             | 0.0       | 5.1                |
|                         |           |            |              |          |                 |               |           |                    | Bude ...           | o         | o          | 52           | 48       | -               | 1             | 0.0       | 5.4                |
|                         |           |            |              |          |                 |               |           |                    | Ilfracombe ...     | o         | o          | 51           | 48       | -               | 3             | 0.0       | 4.4                |
|                         |           |            |              |          |                 |               |           |                    | Weston-s-Mare ...  | o         | o          | 53           | 48       | -               | 0.3           | 0.0       | 3.3                |
|                         |           |            |              |          |                 |               |           |                    | Denby (Wales)      | o         | o          | 52           | 46       | 1               | 2             | 0.0       | 2.2                |

## SUMMARIES FOR PAST 24 HOURS.

| STATIONS.                  | WEATHER. |         | TEMPERATURE. |          | RAINFALL.   |               | SUNSHINE. |       |
|----------------------------|----------|---------|--------------|----------|-------------|---------------|-----------|-------|
|                            | 7h-12h   | 12h-17h | Max. °F.     | Min. °F. | Day, 7h-17h | Night, 17h-7h | Hours     | Hours |
| Eskdalemuir ...            | b.c.c.b  | b.c.c.b | 50           | 31       | 3           | 3             | 7.6       |       |
| Valencia (Cahirelveen) ... | op       | o       | 52           | 40       | 1           | 1             | 1.0       |       |
| Baldonnel ...              | o        | o       | 52           | 35       | 5           | -             | 5.5       |       |
| Didsbury ...               | o        | o       | 50           | 34       | 1           | 1             | 1.3       |       |
| Falmouth ...               | o        | o       | 55           | 41       | 2           | -             | 8.0       |       |
| Calshot (Hants) ...        | o        | o       | 50           | 37       | 3           | 1             | 0.0       |       |
| Lympe (Folkestone) ...     | o        | o       | 50           | 37       | 3           | 1             | 0.0       |       |
| Aberdeen ...               | b.c.c.b  | b.c.c.b | 46           | 36       | 1           | 7             | 9.9       |       |
| Howden ...                 | o        | o       | 52           | 33       | 7           | 7             | 6.8       |       |
| Cranwell (Lincs) ...       | o        | o       | 50           | 34       | 3           | -             | 4.0       |       |
| Felixstowe ...             | o        | o       | 51           | 41       | *           | *             | *         |       |
| Shoeburyness ...           | o        | o       | 54           | 38       | 5           | 0.3           | 0.0       |       |
| Benson ...                 | o        | o       | 52           | 33       | 4           | 0.1           | *         |       |
| S. Farnborough ...         | o        | o       | 52           | 34       | 7           | 6             | Trace     | 0.0   |
| London (Kew Obs.) ...      | o        | o       | 52           | 39       | 6           | -             | 0.1       |       |
| Croydon ...                | o        | o       | 52           | 38       | 6           | -             | *         |       |

## BEAUFORT NOTATION.

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

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

## THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.

Limits of Velocity at about 30 feet above ground.

No. Statute miles per hour. Metres per second.

0 Less than 1 Less than 0.8

1 1-3 0.8-1.5

2 4-7 1.6-4.5

3 8-12 5.4-5.9

4 13-18 5.6-7.9

5 19-24 8.0-10.7

6 25-31 10.8-13.4

7 32-38 13.9-17.1

8 39-46 17.5-20.7

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  $\Delta$  Solar halo  $\odot$

Rime  $\dagger$  Lunar halo  $\circ$

Glazed frost  $\sim$  Solar corona  $\odot$

Glazed roads  $\sim$  Lunar corona  $\odot$

## LONDON OBSERVATIONS.

| STATIONS.                      | WEATHER. |            | TEMPERATURE. |          | RAINFALL.   |               | SUNSHINE. |          | HUMIDITY %  |            |
|--------------------------------|----------|------------|--------------|----------|-------------|---------------|-----------|----------|-------------|------------|
|                                | Morning. | Afternoon. | Max. °F.     | Min. °F. | Day, 7h-17h | Night, 17h-7h | Hours     | Hours    | 15h. G.M.T. | 9h. G.M.T. |
| Greenwich (Royal Observatory)  | o        | o          | 53           | 37       | 30          | 5             | 0.0       | 63       | 68          | 63         |
| City (Bunhill Row) ...         |          |            |              |          |             |               | 0.0       | *        | *           | *          |
| Westminster (St. James's Park) |          |            | 52           | 37       | 31          | 7             | 0.0       | 57       | 66          | 57         |
| Admiralty Arch                 | o        | o          | 53           | 40       | *           | 6             | 0.0       | 67       | 93          | 67         |
| Camden Sq. (British Rainfall)  | o        | o          | 52           | 36       | 33          | 9             | *         | 98       | 62          | 62         |
| Kensington Palace ...          | o        | o          | 52           | 36       | 31          | 7             | *         | 98 (18h) | 62          | 62         |
| Hampstead Observatory ...      |          |            | 49           | 35       | 33          | 8             | 0.0       | *        | 63          | 63         |

## SOUTH KENSINGTON (Meteorological Office).

| Vertical Component of Solar Radiation per Square Centimetre during yesterday. | 28 <sup>th</sup> AND 29 <sup>th</sup> APRIL 1920. |               |
|-------------------------------------------------------------------------------|---------------------------------------------------|---------------|
|                                                                               | Stations.                                         | Stations.     |
|                                                                               | Yarmouth ...                                      | Greenwich ... |
|                                                                               | Wick ...                                          | Valencia ...  |

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

| Stations.     | 28 <sup>th</sup> AND 29 <sup>th</sup> APRIL 1920. |        |
|---------------|---------------------------------------------------|--------|
|               | G.M.T.                                            | G.M.T. |
| Yarmouth ...  | 4.30                                              | 11.50  |
| Greenwich ... | 4.41                                              | 11.57  |
| Wick ...      | 4.42                                              | 12.09  |
| Valencia ...  | 5.10                                              | 12.38  |

## NOTES ON THE WEATHER OF YESTERDAY.

The day was generally sunless in the South of England and from 4 to 6 mm. of rain fell at most stations. In the North showery conditions prevailed but several hours of sunshine were registered in many localities, as much as 10.1 hrs being recorded at Malin Head and 9.9 hrs. at Aberdeen. Temperature was rather low for the season, the maximum failing to reach 50° at some Northern stations.





## AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:  
BRITISH SECTION. No. B.21323. THURSDAY, 29<sup>TH</sup> APRIL, 1920.

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

| STATIONS.                      | BAROM.    | †                  | WIND. |       | Weather | TEMP. | Humidity. | Visibility | Height of Low Cloud. | Low Cloud. | Upper Cloud. | Sea   | BAROM.     | †      | WIND.     |                    | Weather | TEMP. | Humidity. | Visibility | Height of Low Cloud. | Low Cloud. | Upper Cloud. | Sea   |            |                                 |            |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------------------|-----------|--------------------|-------|-------|---------|-------|-----------|------------|----------------------|------------|--------------|-------|------------|--------|-----------|--------------------|---------|-------|-----------|------------|----------------------|------------|--------------|-------|------------|---------------------------------|------------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|                                | at M.S.L. | Change in 3 hours. | Dir.  | Force |         | °F.   | %         | 0-9.       | Feet.                | Form.      | Amt. 0-10.   | Form. | Amt. 0-10. | 0-9.   | at M.S.L. | Change in 3 hours. |         | Dir.  | Force     | °F.        | %                    | 0-9.       | Feet.        | Form. | Amt. 0-10. | Form.                           | Amt. 0-10. | 0-9. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                | mb.       |                    |       | 0-12. |         |       |           |            |                      |            |              |       |            | mb.    |           |                    |         | 0-12. |           |            |                      |            |              |       |            |                                 |            |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13H. G.M.T. 28 <sup>TH</sup>   |           |                    |       |       |         |       |           |            |                      |            |              |       |            |        |           |                    |         |       |           |            |                      |            |              |       |            | 13H. G.M.T. OF 28 <sup>TH</sup> |            |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Esdailemuir                    | 1000.0    | 0                  | NNW   | 4     | cyg     | 49    | 55        | 8          | -                    | CuNB       | 5            | 650   | 2          | 1002.4 | +3        | N                  | 2       | tho   | 39        | 97         | 8                    | -          | NB           | 10    | -          | -                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Valencia (Cahire'n)            | 1012.1    | +1                 | NNW   | 5     | D       | 48    | 65        | 8          | 3,000                | Cu         | 3            | -     | -          | 1013.2 | +1        | NNW                | 4       | bc    | 46        | 75         | 8                    | 3,000      | Cu           | 5     | -          | -                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Baldonnel                      | 1007.1    | 0                  | W     | 3     | C       | 43    | 92        | 7          | 3,000                | Sc         | 6            | 650   | 1          | 1007.0 | +2        | NNW                | 3       | tho   | 42        | 92         | 4                    | 650        | Sc           | 10    | -          | -                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Didbury                        | 1002.8    | +1                 | NNW   | 5     | Ry      | 45    | -         | 5          | 2,000                | CuNB       | 9            | -     | -          | 1003.2 | +1        | N                  | 3       | tho   | 42        | -          | 2                    | 750        | NB           | 10    | -          | -                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Falmouth                       | 1009.1    | +2                 | NW    | 4     | bc      | 52    | 65        | 8          | -                    | CuNB       | 5            | -     | -          | 1010.0 | +1        | NNW                | 3       | tho   | 48        | 65         | 8                    | -          | Cu           | 2     | -          | -                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Calshot (Hants)                | 1004.7    | 0                  | WSW   | 3     | C       | 53    | 55        | 8          | 750                  | CuNB       | 7            | Ci    | 1          | 1005.9 | +1        | W                  | 4       | bc    | 49        | 65         | 8                    | 3,000      | CuNB         | 3     | Fa.Ci      | 1                               | 2          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lymington (Folkestone)         | 1001.5    | +1                 | NNW   | 5     | cyg     | 49    | 92        | 8          | 3,000                | CuNB       | 6            | Fa.Ci | 1          | 1003.0 | +1        | SW                 | 4       | C     | 44        | 75         | 18                   | 5,700      | CuNB         | 3     | Fa.Ci      | 5                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Aberdeen                       | 999.7     | +2                 | NNW   | 4     | tho     | 44    | 85        | 7          | -                    | CuNB       | 10           | -     | -          | 1000.9 | +1        | NW                 | 5       | bc    | 40        | 85         | 8                    | -          | CuNB         | 4     | -          | -                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Howden                         | 1000.0    | +1                 | W     | 4     | bc      | 50    | 65        | 7          | 4,200                | Sc         | 6            | -     | -          | 1001.4 | +3        | WSW                | 2       | tho   | 44        | 85         | 5                    | 2,000      | Sc           | 8     | 650        | 2                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cranwell (Lines)               | 1001.6    | +2                 | NNW   | 3     | C       | 44    | 75        | 5          | 2,000                | Cu         | 7            | -     | -          | 1002.7 | +1        | NNW                | 4       | 0     | 42        | 85         | 5                    | 2,000      | Cu           | 9     | -          | -                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Felixstowe                     | 1002.7    | 0                  | W     | 3     | bc      | 51    | 65        | 6          | 4,200                | Cu         | 6            | -     | -          | 1003.4 | +2        | NNW                | 3       | bc    | 49        | 65         | 7                    | 4,200      | Sc           | 4     | -          | -                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shoeburyness                   | 1002.9    | +1                 | W     | 3     | bc      | 51    | 85        | 7          | 4,200                | Cu         | 4            | -     | -          | 1003.2 | +1        | W                  | 4       | C     | 45        | 65         | 7                    | 4,200      | Sc           | 3     | Ci.Sc      | 4                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Benson                         | 1002.6    | 0                  | NW    | 4     | C       | 50    | 55        | 7          | -                    | Cu         | 6            | Ci    | 1          | 1004.3 | +1        | NNW                | 3       | bc    | 49        | 55         | 8                    | -          | Cu           | 4     | -          | -                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S. Farnborough                 | 1003.7    | 0                  | SW    | 4     | 0       | 52    | 65        | 8          | 2,000                | CuNB       | 7            | Fa.Ci | 2          | 1004.5 | 0         | W                  | 4       | C     | 47        | 75         | 7                    | 2,000      | CuNB         | 7     | -          | -                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| London (Kew Obs.)              | 1003.1    | -1                 | NW    | 2     | cyg     | 52    | 55        | 8          | 3,000                | Cu         | 6            | Ci.Sc | 1          | 1004.5 | 0         | SSW                | 2       | bc    | 46        | 75         | 8                    | 3,000      | CuNB         | 4     | 650        | 2                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Croydon                        | 1003.3    | +2                 | W     | 3     | bc      | 53    | 55        | -          | 3,000                | Cu         | 4            | Fa.Ci | 2          | 1004.6 | +1        | -                  | 03      | 47    | 75        | 5          | 2,000                | CuNB       | 7            | 650   | 2          | 3                               |            |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1H. G.M.T. OF 29 <sup>TH</sup> |           |                    |       |       |         |       |           |            |                      |            |              |       |            |        |           |                    |         |       |           |            |                      |            |              |       |            | 7H. G.M.T. OF 29 <sup>TH</sup>  |            |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Esdailemuir                    | 1004.5    | +1                 | NE    | 1     | 0       | 36    | 85        | 7          | -                    | bc         | 4            | A.C.  | 6          | 1005.7 | +2        | W                  | 4       | bc    | 37        | 85         | 7                    | -          | Ci           | 7     | -          | -                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Valencia (Cahire'n)            | 1015.0    | 0                  | WNW   | 3     | bc      | 44    | -         | -          | -                    | -          | -            | -     | 4          | 1013.8 | +1        | W                  | 3       | b     | 44        | 65         | 8                    | 3,000      | Cu           | 2     | -          | -                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Baldonnel                      | -         | -                  | -     | -     | -       | -     | -         | -          | -                    | -          | -            | -     | -          | 1011.2 | +1        | WSW                | 2       | 0     | 38        | 92         | 5                    | 4,200      | NB           | 10    | -          | -                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Didbury                        | -         | -                  | -     | -     | -       | -     | -         | -          | -                    | -          | -            | -     | -          | 1007.1 | -         | NW                 | 4       | bc    | 42        | -          | 3                    | 3,000      | Sc           | 3     | A.C.       | 1                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Falmouth                       | 1012.2    | +1                 | WNW   | 2     | tho     | 43    | 85        | 8          | -                    | CuNB       | 2            | -     | -          | 1014.1 | +2        | WNW                | 4       | b     | 42        | 85         | 8                    | -          | CuNB         | 1     | Ci.Sc      | 1                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Calshot (Hants)                | 1008.5    | +1                 | W     | 3     | b       | 40    | 85        | 8          | -                    | -          | -            | -     | -          | 1010.8 | +3        | W                  | 3       | C     | 44        | 85         | 8                    | 4,200      | Sc           | 7     | -          | -                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lymington (Folkestone)         | -         | -                  | -     | -     | -       | -     | -         | -          | -                    | -          | -            | -     | -          | 1007.4 | +4        | W                  | 4       | bc    | 40        | 92         | 8                    | 3,000      | Cu           | 2     | Fa.Ci      | 2                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Aberdeen                       | -         | -                  | -     | -     | -       | -     | -         | -          | -                    | -          | -            | -     | -          | 1001.3 | 0         | WNW                | 6       | b     | 40        | 85         | 8                    | -          | Fa.Cu        | 1     | Fa.Ci      | 1                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Howden                         | 1003.8    | 0                  | SW    | 1     | tho     | 37    | 97        | 4          | 4,200                | NB         | 7            | -     | -          | 1005.5 | +2        | NNW                | 1       | tho   | 40        | 92         | 5                    | 2,000      | NB           | 10    | -          | -                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cranwell (Lines)               | 1005.1    | +1                 | W     | 3     | b,iz    | 36    | 97        | 5          | -                    | Ci.Sc      | 1            | -     | -          | 1006.5 | +2        | WNW                | 4       | b     | 42        | 85         | 5                    | 3,000      | Cu           | 2     | -          | -                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Felixstowe                     | -         | -                  | -     | -     | -       | -     | -         | -          | -                    | -          | -            | -     | -          | 1008.4 | +4        | WSW                | 3       | b,iz  | 43        | 85         | 5                    | 4,200      | Fa.Cu        | 2     | -          | -                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shoeburyness                   | -         | -                  | -     | -     | -       | -     | -         | -          | -                    | -          | -            | -     | -          | 1008.4 | +4        | NNW                | 1       | b,iz  | 43        | 75         | 6                    | 5,700      | Sc           | 1     | A.C.       | 2                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Benson                         | -         | -                  | -     | -     | -       | -     | -         | -          | -                    | -          | -            | -     | -          | 1008.5 | +3        | W                  | 2       | C     | 42        | 92         | 6                    | -          | Cu           | 6     | Ci.Cu      | 1                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S. Farnborough                 | -         | -                  | -     | -     | -       | -     | -         | -          | -                    | -          | -            | -     | -          | 1009.5 | +3        | WNW                | 3       | bc    | 42        | 92         | 7                    | -          | Sc           | 2     | A.C.       | 2                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| London (Kew Obs.)              | 1006.6    | +1                 | -     | -     | -       | 30    | -         | -          | -                    | -          | -            | -     | -          | 1009.2 | +2        | WSW                | 2       | b,wc  | 41        | 85         | 5                    | -          | Sc           | 1     | A.C.       | 2                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Croydon                        | 1006.9    | 0                  | W     | 3     | b,iz    | 40    | 92        | 6          | 2,000                | Fa.Cu      | 1            | -     | -          | 1009.1 | +3        | WNW                | 3       | bc,iz | 41        | 97         | 5                    | 3,000      | Fa.Cu        | 1     | A.C.       | 5                               | 3          |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

STATIONS CONTRIBUTING REPORTS AT 7H. AND 15H.

| STATIONS.                     | BAROM.<br>at<br>M.S.L.<br>mb. | TEMP.<br>°F. | WIND.  |                | Weather. | BAROMETER.             |                          | TEMPERATURE. |                           | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rainfall<br>mm. | TEMP.       |             | WEATHER. |            |         | Sunshine<br>Hours. |
|-------------------------------|-------------------------------|--------------|--------|----------------|----------|------------------------|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|-----------------|-------------|-------------|----------|------------|---------|--------------------|
|                               |                               |              | Direc. | Force<br>0-12. |          | at<br>M.S.L.<br>mb.    | Change<br>in<br>8 hours. | Temp.<br>°F. | Change<br>in<br>24 hours. | Direc. | Force<br>0-12. |                                 |          |             |                 | Max.<br>°F. | Min.<br>°F. | Morning. | Afternoon. | Night.  |                    |
|                               |                               |              |        |                |          |                        |                          |              |                           |        |                |                                 |          |             |                 |             |             |          |            |         |                    |
| 18th G.M.T. of ... 28th       |                               |              |        |                |          | 7th G.M.T. of ... 29th |                          |              |                           |        |                | 24 HOURS ENDED 7th 29th         |          |             |                 |             |             | 28th     |            |         |                    |
| Lerwick ...                   | 1000.1                        | 41           | N      | 5              | bcmg     | 33.6                   | +1                       | 42           | 0                         | N      | 4              | -                               | bcq      | 3           | 44              | 38          | omd         | om p     | bcq        | *       |                    |
| Stornoway ...                 |                               |              |        |                |          |                        |                          |              |                           |        |                |                                 |          |             |                 |             |             |          |            |         |                    |
| Castlebay (Barra) ...         |                               |              |        |                |          |                        |                          |              |                           |        |                |                                 |          |             |                 |             |             |          |            |         |                    |
| Glasgow ...                   | 1003.6                        | 42           | NW     | 1              | op       | 1006.4                 | +1                       | 38           | -3                        | W      | 2              | -                               | b        | *           | 1               | 53          | 33          | cu       | con p      | op.c.bx | 5.5                |
| Malin Head ...                | 1005.5                        | 44           | NNW    | 3              | C        | 1007.9                 | 0                        | 41           | +1                        | NW     | 3              | NW                              | bc       | 4           | trace           | 46          | 38          | bc p     | bc         | c       | 8.7                |
| Blacksod Point ...            | 1009.6                        | 47           | NW     | 3              | bc       | 1011.2                 | 0                        | 45           | -2                        | NW     | 1              | -                               | bc       | 1           | 1               | 49          | 37          | bc       | bc         | bc p    | *                  |
| Roche's Point ...             | 1010.6                        | 47           | NW     | 5              | cu       | 1013.0                 | +1                       | 42           | 0                         | NW     | 2              | -                               | b        | 1           | 1               | 51          | 38          | b.b.c.c  | cp.bc      | bc.b    | *                  |
| Birr Castle ...               | 1008.8                        | 47           | NW     | 2              | C        | 1011.3                 | *                        | 40           | +1                        | NNW    | 1              | -                               | C        | *           | 1               | 51          | 38          | cph      | cph        | c       | 10.7               |
| Donaghadee ...                | 1004.6                        | 47           | N      | 4              | bc       | 1008.9                 | +2                       | 40           | -1                        | NW     | 3              | -                               | bcq      | 3           | 1               | 48          | 34          | bcq p    | bcq p      | bcq     | *                  |
| Liverpool (Bidston) ...       | 1003.3                        | 44           | WNW    | 4              | 0        | 1007.1                 | +2                       | 42           | -1                        | WNW    | 5              | W                               | bc       | 4           | 2               | 48          | 39          | cp.      | 0          | og.c    | 5.7                |
| Holyhead ...                  | 1004.7                        | 46           | NW     | 5              | bc       | 1009.2                 | +2                       | 43           | 0                         | NW     | 6              | NW                              | cp       | 5           | 2               | 50          | 41          | cbcb     | b.b.c.p.   | bd p    | 9.7                |
| Pembroke (St. Ann's Head) ... | 1007.9                        | 44           | W      | 4              | bc       | 1012.2                 | +2                       | 43           | 0                         | NNW    | 3              | W                               | bc       | 4           | trace           | 49          | 42          | c.b.c.v  | bc.bq      | bcq     | 9.6                |
| Scilly (St. Mary's) ...       | 1011.4                        | 49           | WNW    | 4              | bc       | 1013.7                 | +1                       | 45           | 0                         | NW     | 4              | NW                              | bc       | 5           | 2               | 51          | 44          | bcv      | bcv        | bcq     | 12.1               |
| Jersey (St. Aubin) ...        | 1009.3                        | 49           | NNW    | 4              | C        | 1013.9                 | +2                       | 49           | +1                        | NW     | 4              | -                               | op       | 3           | trace           | 52          | 44          | cc       | bc.pbc     | bcop    | 10.8               |
| Portland Bill ...             | 1005.7                        | 50           | NNW    | 6              | bc       | 1010.7                 | +4                       | 49           | +1                        | WNW    | 5              | NNW                             | bc       | 6           | -               | 52          | 45          | bcq.     | bc         | bc      | *                  |
| Dungeness ...                 | 1003.4                        | 46           | WSW    | 4              | bc       | 1008.4                 | +2                       | 45           | -1                        | W      | 4              | -                               | b        | 4           | 0.2             | 54          | 37          | bc       | cp.g.c.    | c.b     | *                  |
| Wick ...                      | 1000.6                        | 39           | NNW    | 3              | omg      | 1000.0                 | 0                        | 40           | -3                        | NNW    | 4              | -                               | om p     | 3           | 2               | 44          | 35          | comp     | om p       | bcop    | *                  |
| Nairn ...                     | 1002.9                        | 42           | N      | 4              | C        | 1003.2                 | *                        | 40           | -2                        | NNW    | 2              | -                               | og       | 2           | 2               | 46          | 34          | cp p     | h.p.c.     | g.p     | 2.0                |
| Leith ...                     | 1001.5                        | 46           | NE     | 3              | 0        | 1004.7                 | 0                        | 40           | -1                        | NNW    | 2              | NW                              | bc       | 2           | 1               | 48          | 35          | b.b.c    | cp.        | o.c.b.  | *                  |
| Tynemouth ...                 | 1000.3                        | 44           | NNE    | 4              | bc       | 1004.0                 | +1                       | 40           | +1                        | NW     | 2              | -                               | bc       | 2           | 1               | 48          | 36          | bc p     | bc m       | bc m    | *                  |
| Spurn Head ...                | 1000.4                        | 43           | WNW    | 4              | og       | 1005.1                 | +3                       | 41           | -2                        | W      | 4              | -                               | og       | 4           | 0.4             | 48          | 38          | bc       | cp         | bc      | *                  |
| Yarmouth (Gorleston) ...      | 1001.8                        | 41           | NNW    | 4              | 0        | 1006.4                 | +2                       | 38           | -2                        | WNW    | 2              | -                               | bc       | 2           | 3               | 52          | 35          | bcg      | cbop       | bc m    | 9.5                |
| Clacton-on-Sea ...            | 1002.4                        | 47           | N      | 4              | C        | 1007.7                 | +3                       | 41           | -1                        | W      | 4              | NW                              | C        | 3           | 3               | 53          | 38          | bc p     | bc         | bc p    | 9.7                |
| Nottingham ...                | 1003.1                        | 44           | WNW    | 4              | C        | 1007.1                 | *                        | 42           | 0                         | W      | 3              | W                               | p        | *           | 2               | 49          | 36          | com      | cop        | cop     | 5.6                |

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

§ For code see page 3.



# SUMMARY OF CONDITIONS AT 7 hGMT. Thursday, 29th April, 1920.

| Districts.                | Wind.<br>Velocity in m.p.h. | Temperature. | Weather, Cloud and Precipitation.        | Visibility. | Sea.     |
|---------------------------|-----------------------------|--------------|------------------------------------------|-------------|----------|
| 1. S.E. England           | W-NW. 5-15                  | Cold.        | Fair or fine, local haze.                | Good.       | Slight   |
| 2. E. England             | W'ly. 5-15                  | V. Cold.     | Fine to cloudy, local haze               | Indif.      | "        |
| 3. E. Midlands            | W. 5-10                     | R. Cold.     | Cloudy or dull, rain in                  | "           | "        |
| 4. W. Midlands            | W-NW 5-15                   | "            | Fair to cloudy. North.                   | Fair.       | "        |
| 5. S.W. England           | W-NW. 15-20                 | "            | Fair or fine.                            | V. Good.    | R. Rough |
| 6. South Wales            | NW. 5-15                    | "            | Fair.                                    | "           | Mod.     |
| 7. North Wales            | N.W. 15-30                  | Cold         | Cloudy, squally.                         | Good.       | R. Rough |
| 8. N.W. England           | W-NW 15-20                  | "            | Fair or cloudy.                          | Indif.      | Mod.     |
| 9. N. Midlands            | W-NW. 5-15                  | "            | Fair to dull, local rain.                | "           | "        |
| 10. N.E. England          | W-NW 5-15                   | "            | Fair to dull, mist in North.             | "           | Slight   |
| 11. E. Scotland           | W-NW 5-15                   | "            | Fine to cloudy, wind strong at Aberdeen. | V. Good.    | "        |
| 12. S.W. Scotland         | W. 5-15.                    | "            | Fine to cloudy.                          | Good.       | "        |
| 13. Isle of Man           | W-NW. 10-20                 | "            | Fair generally, squally.                 | Fair.       | Mod.     |
| 14. N. & N.W. Scotland    | W-NNW. 5-15.                | "            | Variable cloudy local showers & squalls. | Indif.      | Slight   |
| 15. Hebrides              | No reports.                 |              |                                          |             |          |
| 16. Orkneys and Shetlands | NW-N 15.                    | Normal.      | Fair, squally, showery.                  | Fair.       | Slight.  |
| 17. N.W. Ireland          | NW. 2-5                     | R. Cold.     | Fair.                                    | Good.       | Smooth   |
| 18. N.E. Ireland          | NW. 10                      | Cold.        | Fair, local squalls.                     | "           | Slight.  |
| 19. S.E. Ireland          | NW. 2-5                     | "            | Fair to dull.                            | Fair.       | Mod.     |
| 20. S.W. Ireland          | W-NW. 5-10                  | "            | Fine.                                    | V. Good.    | Slight.  |

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

Pressure continues high over Iceland and low over Scandinavia. The resultant North-Westerly wind current will maintain rather low temperature over the British Isles during the next day or two. Variable skies with local rain or hail showers are probable generally.

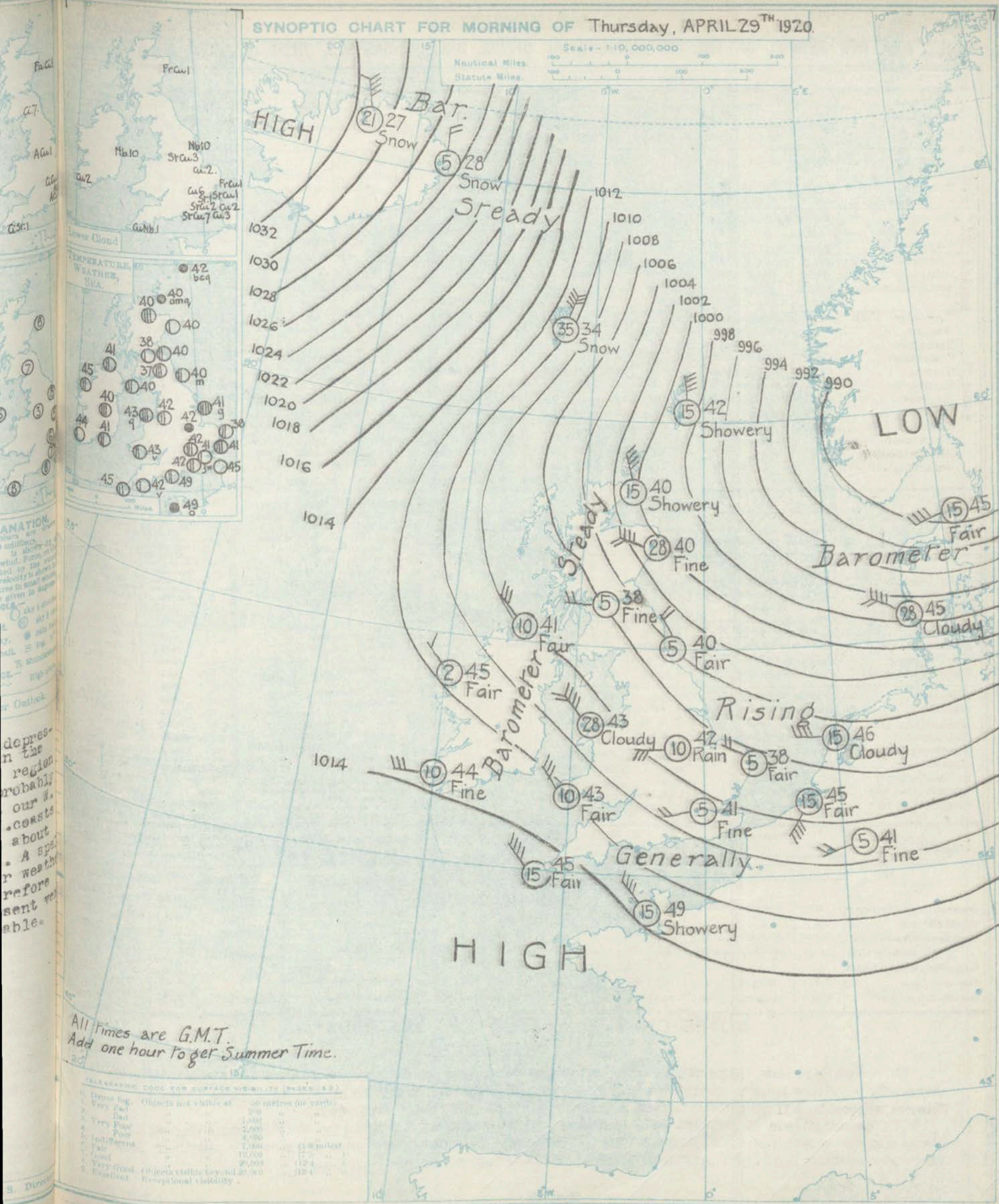
**EXPLANATION.**  
 BAROMETER.—Isobars are  
 drawn at intervals of two millibars.  
 WIND.—Direction is shown by  
 a line with the wind force, or  
 force with the wind direction, is  
 0-12, is indicated by the number  
 of feathers. Mean velocity is shown  
 per hour by figures in degrees.  
 TEMPERATURE.—Isobars are  
 drawn at intervals of 1 degree.  
 WEATHER SYMBOLS.—  
 clear sky. sky & clouds. overcast sky.  
 \* snow. hail. fog.  
 T thunder. R. rain.  
 SEA DISTURBANCE.—  
 Rough. High.

| Districts.                | Forecast for the 24 hours commencing 11.5h. GMT. Thursday, 29th April, 1920.                                                                                          |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. S.E. England           | Wind w'ly North-West, moderate or fresh; variable skies; local rain or hail showers; possibility of thunder; visibility good; cold; slight frost at night.            |
| 2. E. England             |                                                                                                                                                                       |
| 3. E. Midlands            |                                                                                                                                                                       |
| 4. W. Midlands            |                                                                                                                                                                       |
| 5. S.W. England           |                                                                                                                                                                       |
| 6. South Wales            | Wind North-west to North, moderate to fresh; variable sky, local rain, hail or snow showers; possibility of thunder; visibility good; cold; slight frost at night.    |
| 7. North Wales            |                                                                                                                                                                       |
| 8. N.W. England           |                                                                                                                                                                       |
| 9. N. Midlands            |                                                                                                                                                                       |
| 10. N.E. England          |                                                                                                                                                                       |
| 11. E. Scotland           | Light North-West wind backing and freshening later; fine at first probably some rain later; visibility good during day; mist or fog at night inland; becoming milder. |
| 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          |                                                                                                                                                                       |

4. now depression in the Azores region will probably affect our W. or S.W. coasts within about 36 hrs. A spell of fair weather is therefore at present very improbable.



SYNOPTIC CHART FOR MORNING OF Thursday, APRIL 29<sup>TH</sup> 1920.



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



# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 120.

THURSDAY,  
29<sup>th</sup> APRIL

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. 17h-9h. | Day. 9h-17h. | to 17h.   | Sunrise to Sunset. |                       | Forenoon. | Afternoon. | Max. °F.     | Min. °F. | Night. 17h-9h. | Day. 9h-17h. | to 17h.   | Sunrise to Sunset. |
| Scotland.                  |           |            |              |          |                |              |           |                    | England, N.W.         |           |            |              |          |                |              |           |                    |
| Oban ... ..                | bc        | pb         | 50           | 39       | -              | 1            | 6.0       | 8.5                | Douglas (I.O.M.)      |           |            |              |          |                |              |           |                    |
| Banff ... ..               |           |            |              |          |                |              |           |                    | Blackpool ... ..      | c.c.      | ptbc       | 48           | 40       | 0.1            | 5            | 5.2       | 5.9                |
| Montrose ... ..            | bc.p      | bc.o       | 48           | 37       | 2              | 1            | 5.7       | 8.4                | Southport ... ..      | bc.c      | corc       | 47           | 41       | -              | 3            | 4.5       | 3.7                |
| St. Andrews ... ..         | c         | cp         | 50           | 37       | 2              | 1            | 3.4       | 7.6                |                       |           |            |              |          |                |              |           |                    |
| England, N.E.              |           |            |              |          |                |              |           |                    | Midlands.             |           |            |              |          |                |              |           |                    |
| Harrogate ... ..           | b.b.c     | bc.c       | 51           | 34       | 0.4            | 3            | 7.6       | 6.6                | Buxton ... ..         | bc.c      | csrg       | 42           | 33       | 3              | 10           | 3.5       | 3.2                |
| Scarborough ... ..         | b.        | b          | 52           | 36       | -              | -            | 8.6       | 4.5                | Leamington Spa ... .. | c.        | c          | 52           | 35       | 1              | -            | 6.2       | 12                 |
| Skegness ... ..            | bc.c      | op.p       | 51           | 34       | -              | 3            | 6.5       | 3.1                | Malvern ... ..        | c         | bc         | 51           | 38       | -              | -            | 9.0       | 7                  |
| Lowestoft ... ..           | bc.c      | cp.c       | 54           | 37       | 0.1            | 0.3          | 9.5       | 1.9                | Ross-on-Wye ... ..    | bc.p      | bc.y       | 54           | 37       | -              | -            | 7.9       | 1.4                |
| Felixstowe ... ..          | bc.g      | bc.p       | 53           | 41       | -              | 1            | 10.3      | 0.0                | Bath ... ..           | b.b.c     | cl.r       | 52           | 37       | 1              | 2            | 7.4       | 0.0                |
| Southend-on-Sea ... ..     | bc.c      | bc.c       | 54           | 36       | 1              | 0.2          | 7.0       | 0.0                |                       |           |            |              |          |                |              |           |                    |
| England, S.E.              |           |            |              |          |                |              |           |                    | Wales.                |           |            |              |          |                |              |           |                    |
| Tunbridge Wells ... ..     | b         | bc.c       | 54           | 35       | 1              | -            | 7.7       | 0.0                | Rhyl ... ..           | bc        | bc.p       | 49           | 40       | 1              | 1            | 4.5       | 4.1                |
| Margate ... ..             | b         | bc.b       | 53           | 40       | 2              | -            | 8.0       | 0.0                | Colwyn Bay ... ..     |           |            | 50           | 43       | 1              | -            | 6.6       | 3.2                |
| Ramsgate ... ..            | b         | bc         | 53           | 35       | 4              | -            | 9.2       | 0.0                | Llandudno ... ..      | bc        | bc         | 50           | 41       | 1              | 0.2          | 7.7       | 3.0                |
| Folkestone ... ..          | bc.c      | op.h       | 54           | 38       | 3              | 2            | 9.3       | 0.0                | Aberystwyth ... ..    | bc        | b.b.c      | 48           | 44       | 1              | -            | 10.0      | 1.0                |
| Hastings ... ..            | or.bc     | bc.p       | 54           | 38       | 6              | 0.3          | 9.2       | 0.3                | Swansea ... ..        |           |            | 52           | 39       | 0.3            | 1            | 7.4       | 0.0                |
| Eastbourne ... ..          | bc        | bc.c       | 53           | 41       | 3              | 1            | 9.7       | 0.0                |                       |           |            |              |          |                |              |           |                    |
| Brighton ... ..            | bc.c      | cp         | 53           | 41       | 2              | 1            | 8.5       | 0.0                | Weymouth ... ..       | bc.p      | bc.p       | 52           | 40       | 1              | 5            | 8.7       | 0.1                |
| Worthing ... ..            | bc        | bc         | 55           | 41       | 3              | 1            | 9.0       | 0.0                | Teignmouth ... ..     | b         | bc         | 52           | 41       | 1              | 0.4          | 11.0      | 0.3                |
| Littlehampton ... ..       | bc        | bc         | 52           | 38       | 2              | 1            | 7.4       | 0.0                | Torquay ... ..        | bc.h      | bc.h       | 53           | 41       | 1              | 3            | 9.5       | 2.3                |
| Portsmouth (S. Sea) ... .. | *         | *          | 53           | 42       | 2              | 1            | 8.1       | 0.1                | Paignton ... ..       | bc.h      | bc         | 59           | 39       | 1              | 0.3          | 11.1      | 0.0                |
| Bournemouth ... ..         | *         | *          | 52           | 40       | 1              | 1            | 9.0       | 0.0                | Penzance ... ..       | bc        | bc         | 52           | 42       | 3              | -            | 10.3      | 1.1                |
| Ventnor (I. of W.) ... ..  | *         | *          | 52           | 41       | 1              | 4            | 9.5       | 0.0                | Newquay ... ..        | bc.m      | b          | 49           | 43       | 2              | 0.4          | 9.7       | 0.0                |
|                            |           |            |              |          |                |              |           |                    | Bude ... ..           | b         | b          | 50           | 43       | 1              | -            | 11.8      | 0.0                |
|                            |           |            |              |          |                |              |           |                    | Ilfracombe ... ..     | bc.c      | bc         | 49           | 44       | 0.3            | 0.2          | 7.0       | 0.0                |
|                            |           |            |              |          |                |              |           |                    | Weston-s-Mare ... ..  | bc.p      | bc.p       | 51           | 42       | 1              | 1            | 8.0       | 0.0                |
|                            |           |            |              |          |                |              |           |                    | Tenby (Wales) ... ..  | bc        | b.b.c      | 51           | 44       | 0.3            | -            | 10.0      | 0.1                |

### SUMMARIES FOR PAST 24 HOURS.

| STATIONS.                     | WEATHER. |         |         |       | Max. Temp. °F. | Min. Temp. °F. | Min. on Grass °F. | RAINFALL.    |                | Sun. Hours. |
|-------------------------------|----------|---------|---------|-------|----------------|----------------|-------------------|--------------|----------------|-------------|
|                               | 7h-13h   | 13h-18h | 18h-24h | 1h-7h |                |                |                   | Day. 7h-18h. | Night. 18h-7h. |             |
| Eskdalemuir ... ..            | bc.c     | bc.p    | or.h    | o.c   | 51             | 33             | 26                | -            | 1              | 6.5         |
| Valencia (Cahirciveen) ... .. | bc.p     | bc.p    | bc.b    | bc.b  | 49             | 40             | 34                | 1            | -              | 10.5        |
| Baldonnel ... ..              | 3r       | bc.p    | bc.p    | b.b   | 50             | 32             | 26                | 1            | trace          | 5.5         |
| Didsbury ... ..               | c.o.p    | g.p     | bc.c    | bc.c  | 52             | 40             | 34                | trace        | 1              | 12.0        |
| Falmouth ... ..               | bc.h     | bc.y    | b       | b.p   | 53             | 39             | 38                | 1            | -              | 9.1         |
| Calshot (Hants) ... ..        | bc.c     | bc.p    | b.b     | b.b   | 51             | 35             | 31                | 2            | -              | 10.2        |
| Lympne (Folkestone) ... ..    | bc.c     | bc.p    | bc.p    | bc.p  | 51             | 35             | 31                | 2            | -              | 10.2        |
| Aberdeen ... ..               | cor.p    | bc.p    | bc.p    | bc.p  | 47             | 35             | 31                | 2            | 1              | 5.3         |
| Howden ... ..                 | bc.c     | bc.p    | bc.p    | bc.p  | 52             | 35             | 30                | 2            | 2              | 7.5         |
| Cranwell (Lines) ... ..       | bc.c     | bc.p    | bc.p    | bc.p  | 50             | 34             | *                 | 1            | -              | 8.6         |
| Felixstowe ... ..             | bc.c     | bc.p    | bc.p    | bc.p  | 53             | 38             | *                 | *            | *              | *           |
| Shoeburyness ... ..           | bc.c     | bc.p    | bc.p    | bc.p  | 54             | 38             | 34                | 1            | -              | 7.9         |
| Benson ... ..                 | ch.p     | bc.p    | bc.p    | bc.p  | 52             | 34             | 29                | 2            | -              | 4.3         |
| S. Farnborough ... ..         | bc.p     | bc.p    | bc.p    | bc.p  | 52             | 35             | 29                | 1            | -              | 9.9         |
| London (Kew Obs.) ... ..      | bc.p     | bc.p    | bc.p    | bc.p  | 52             | 37             | 29                | 0.3          | 0.4            | 7.4         |
| Croydon ... ..                | bc.p     | bc.p    | bc.p    | bc.p  | 54             | 38             | *                 | 0.2          | 1              | *           |

### BEAUFORT NOTATION.

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

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

### 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                                               | 1.5-3.5            |
| 3                                   | 8-12                                              | 3.5-5.4            |
| 4                                   | 13-18                                             | 5.4-7.9            |
| 5                                   | 19-24                                             | 8.0-10.7           |
| 6                                   | 25-31                                             | 10.8-13.8          |
| 7                                   | 32-38                                             | 13.9-17.1          |
| 8                                   | 39-46                                             | 17.2-20.7          |
| 9                                   | 47-54                                             | 20.8-24.4          |
| 10                                  | 55-63                                             | 24.5-28.4          |
| 11                                  | 64-75                                             | 28.5-33.5          |
| 12                                  | Above 75                                          | 33.6 or above      |

### SYMBOLS-

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

### LONDON OBSERVATIONS.

|                                | Morning.                                    | Afternoon. | Night.  | ° F. | ° F. | ° F. | mm. | Hours.     | 10h. G.M.T. | 9h. G.M.T. |
|--------------------------------|---------------------------------------------|------------|---------|------|------|------|-----|------------|-------------|------------|
|                                | 24 HOURS ENDED 29 <sup>th</sup> APRIL 1920. |            |         |      |      |      |     | YESTERDAY. | TO-DAY.     |            |
| Greenwich (Royal Observatory)  | o                                           | abers      | bc      | 55   | 36   | 31   | 3   | 7.6        | 66          | 71         |
| City (Sunhill Row) ...         | *                                           | *          | *       | *    | *    | *    | *   | 7.5        | *           | *          |
| Westminster (St. James's Park) | oh.s r                                      | o.c.p. b.r | bc      | 55   | 36   | 30   | 4   | -          | 59          | 58         |
| " (Admiralty Arch)             | bc.c.p                                      | cp.r shg   | cp.r bc | 55   | 39   | *    | 3   | 7.3        | 68          | 82         |
| Camden Sq. (British Rainfall)  | bc                                          | bc.c.p     | *       | 55   | 36   | 32   | 2   | *          | 55          | 64         |
| Kensington Palace ...          | o                                           | o.p. or    | *       | 54   | 30   | 29   | 5   | *          | 80 (18h)    | 68         |
| Hampstead Observatory ...      | bc                                          | bc.s or t  | bc      | 53   | 35   | 32   | 2   | 8.4        | *           | 72         |

### SOUTH KENSINGTON (Meteorological Office).

| Vertical Component of Solar Radiation per Square Centimetre during yesterday. | YESTERDAY. |         |
|-------------------------------------------------------------------------------|------------|---------|
|                                                                               | YESTERDAY. | TO-DAY. |
| Total                                                                         | 130.6      | Joules. |
| Milliwatts.                                                                   |            |         |
| Average Rate.                                                                 | 24.9       |         |
| Maximum Rate.                                                                 | 86         |         |

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

| 29 <sup>th</sup> and 30 <sup>th</sup> APRIL 1920. |                        |        |        |
|---------------------------------------------------|------------------------|--------|--------|
| Stations.                                         | Sunrise, Noon, Sunset. |        |        |
|                                                   | G.M.T.                 | G.M.T. | G.M.T. |
| Yarmouth ...                                      | 4.28                   | 11.50  | 7.12   |
| Greenwich ...                                     | 4.26                   | 11.50  | 7.13   |
| Wick ...                                          | 4.39                   | 11.57  | 7.17   |
| Valencia ...                                      | 4.26                   | 12.9   | 7.52   |
|                                                   | 4.23                   | 12.9   | 7.54   |
|                                                   | 5.18                   | 12.38  | 7.58   |
|                                                   | 5.16                   | 12.38  | 7.59   |

### NOTES ON THE WEATHER OF YESTERDAY.

Weather was generally of a changeable type and though good sunshine records were obtained almost everywhere showers of rain or hail fell in all localities. There were local thunderstorms in East and South-East England. As much as 12 hours of sunshine were enjoyed at Scilly and Falmouth, while many other stations had from 8 to 11 hours. Temperature was generally rather low for the season, slight ground frosts occurring at night inland.

\* Information for these columns not usually received.





## AIR MINISTRY.

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

BRITISH SECTION.

No. B. 2154

Friday, 30th April 1920.

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

| STATIONS                                      | BAROM.<br>at<br>M.S.L.<br>mb. | Change<br>in 3<br>hours. | WIND.  |                | WEATHER. | TEMP.<br>°F.                      | Humidity.<br>% | Visibility<br>0-9.        | Height<br>of Low<br>Cloud.<br>Feet. | Low Cloud.     |                                 | Upper Cloud |               | Sea             | BAROM.<br>at<br>M.S.L.<br>mb. | Change<br>in 3<br>hours. | WIND.    |            | TEMP.<br>°F. | Humidity.<br>%     | Visibility<br>0-9. | Height<br>of Low<br>Cloud.<br>Feet. | Low Cloud.     |        | Upper Cloud   |       | Sea   |               |      |
|-----------------------------------------------|-------------------------------|--------------------------|--------|----------------|----------|-----------------------------------|----------------|---------------------------|-------------------------------------|----------------|---------------------------------|-------------|---------------|-----------------|-------------------------------|--------------------------|----------|------------|--------------|--------------------|--------------------|-------------------------------------|----------------|--------|---------------|-------|-------|---------------|------|
|                                               |                               |                          | Direc. | Force<br>0-12. |          |                                   |                |                           |                                     | Form.          | Amt.<br>0-10.                   | Form.       | Amt.<br>0-10. |                 |                               |                          | 0-9.     | Direc.     |              |                    |                    |                                     | Force<br>0-12. | Form.  | Amt.<br>0-10. | Form. |       | Amt.<br>0-10. | 0-9. |
|                                               |                               |                          |        |                |          |                                   |                |                           |                                     |                |                                 |             |               |                 |                               |                          |          |            |              |                    |                    |                                     |                |        |               |       |       |               |      |
| 13H. G.M.T. 29th                              |                               |                          |        |                |          |                                   |                |                           |                                     |                |                                 |             |               |                 |                               |                          |          |            |              |                    |                    |                                     |                |        |               |       |       |               |      |
| Esksdalemuir ...                              | 1008.5                        | +2                       | NW     | 5              | bcy      | 48                                | 55             | 7                         | 5,000                               | cu             | 4                               | cu          | 1             | *               | 1008.0                        | +1                       | W        | 4          | c            | 47                 | 65                 | 8                                   | 4,200          | cu     | 6             | ci    | 2     | *             |      |
| Valencia (Cahire'n)                           | 1014.2                        | 0                        | WSW    | 3              | bc       | 48                                | 65             | 8                         | 3,000                               | cu             | 5                               | -           | -             | 3               | 1014.0                        | 0                        | W        | 2          | bc           | 47                 | 65                 | 9                                   | 3,000          | cu     | 2             | -     | -     | 3             |      |
| Baldonnell ...                                | 1012.1                        | 0                        | W      | 3              | 0        | 46                                | 75             | 7                         | 2,000                               | sc             | 10                              | -           | -             | *               | 1011.9                        | 0                        | WNW      | 3          | c            | 45                 | 85                 | 6                                   | 2,000          | st     | 4             | A. cu | 3     | *             |      |
| Didsbury ...                                  | 1009.9                        | +2                       | NW     | 5              | 0        | 42                                | -              | 5                         | 2,000                               | cu             | 10                              | 9           | -             | -               | *                             | 1011.3                   | +2       | NW         | 5            | bc                 | 46                 | 65                                  | 6              | 3,000  | cu            | 4     | -     | -             | *    |
| Falmouth ...                                  | 1015.2                        | 0                        | WNW    | 3              | cy       | 54                                | 55             | 8                         | -                                   | cu             | 2                               | ci          | 5             | *               | 1015.2                        | -1                       | WSW      | 4          | bc           | 47                 | 75                 | 8                                   | -              | cu     | 2             | ci    | 2     | *             |      |
| Calshot (Hants) ...                           | 1013.0                        | +2                       | SW     | 5              | 0        | 48                                | 65             | 8                         | 3,000                               | st             | cu                              | 9           | -             | -               | 2                             | 1014.2                   | +2       | WSW        | 4            | bcv                | 47                 | 65                                  | 9              | 3,000  | cu            | 3     | A. cu | 2             | 3    |
| Lympne (Folkestone)                           | 1009.4                        | +3                       | N      | 5              | cy       | 50                                | 65             | 8                         | 3,000                               | cu             | 8                               | -           | -             | *               | 1011.3                        | +1                       | W        | 3          | c            | 43                 | 85                 | 9                                   | 2,000          | Nb     | 5             | Ast   | 3     | *             |      |
| 1H. G.M.T. OF 30th                            |                               |                          |        |                |          |                                   |                |                           |                                     |                |                                 |             |               |                 |                               |                          |          |            |              |                    |                    |                                     |                |        |               |       |       |               |      |
| Esksdalemuir ...                              | 1008.6                        | 0                        | SW     | 1              | b        | 32                                | 85             | 8                         | -                                   | cu             | 1                               | -           | -             | *               | 1010.0                        | 0                        | SE       | 2          | b            | 36                 | 92                 | 7                                   | 2,000          | F. cu  | 1             | ci    | 2     | *             |      |
| Valencia (Cahire'n)                           | 1015.5                        | 0                        | -      | 0              | bc       | 40                                | -              | -                         | -                                   | -              | -                               | -           | -             | 2               | 1012.9                        | 0                        | NE       | 2          | b, w         | 42                 | 85                 | 8                                   | 3,000          | cu     | 1             | ci    | 2     | 2             |      |
| Baldonnell ...                                | 1012.8                        | 0                        | SE     | 3              | od       | 35                                | 85             | 5                         | 12,500                              | st             | 9                               | -           | -             | *               | 1013.1                        | +3                       | SW       | 3          | b            | 40                 | 92                 | 6                                   | 7,500          | st     | 1             | A. st | 1     | *             |      |
| Didsbury ...                                  | *                             | *                        | *      | *              | *        | *                                 | *              | *                         | *                                   | *              | *                               | *           | *             | *               | 1011.6                        | +1                       | WNW      | 2          | ori-3f       | 40                 | 85                 | 2                                   | 7,500          | Nb     | 10            | -     | -     | *             |      |
| Falmouth ...                                  | 1015.6                        | 0                        | WSW    | 2              | b, v     | 40                                | 92             | 8                         | -                                   | cu             | 2                               | ci          | 2             | *               | 1015.7                        | +1                       | WSW      | 3          | 0            | 45                 | 85                 | 8                                   | -              | st     | cu            | 3     | *     |               |      |
| Calshot (Hants) ...                           | 1015.4                        | 0                        | -      | 0              | bc       | 41                                | 85             | 8                         | -                                   | -              | -                               | A. st       | 4             | 1               | *                             | 1013.9                   | +1       | SW         | 2            | bc                 | 45                 | 85                                  | 8              | 3,000  | st            | cu    | 3     | 1             |      |
| Lympne (Folkestone)                           | *                             | *                        | *      | *              | *        | *                                 | *              | *                         | *                                   | *              | *                               | *           | *             | *               | 1013.9                        | +1                       | SW       | 3          | c            | 42                 | 85                 | 8                                   | 2,000          | cu     | 5             | ci    | 3     | *             |      |
| Aberdeen ...                                  | *                             | *                        | *      | *              | *        | *                                 | *              | *                         | *                                   | *              | *                               | *           | *             | *               | 1007.5                        | +1                       | WNW      | 3          | bc           | 35                 | 75                 | 8                                   | -              | cu     | 2             | A. cu | 3     | 3             |      |
| Howden ...                                    | 1011.5                        | 0                        | S      | 2              | b        | 37                                | 92             | 4                         | 3,000                               | st             | cu                              | 3           | A. st         | 1               | *                             | 1010.0                   | 0        | 2          | 0            | 44                 | 38                 | 92                                  | 4              | 12,500 | st            | 10    | -     | *             |      |
| Cranwell (Lincs)                              | 1013.1                        | 0                        | W      | 3              | b        | 41                                | 97             | -                         | -                                   | -              | -                               | -           | -             | *               | 1012.8                        | 0                        | WSW      | 4          | bc           | 42                 | 85                 | 7                                   | 5,700          | st     | cu            | 4     | A. st | 2             | *    |
| Felixstowe ...                                | *                             | *                        | *      | *              | *        | *                                 | *              | *                         | *                                   | *              | *                               | *           | *             | *               | 1015.0                        | +1                       | WSW      | 3          | b, 22        | 42                 | 92                 | 3                                   | -              | -      | ci            | 1     | 1     |               |      |
| Shoeburyness...                               | *                             | *                        | *      | *              | *        | *                                 | *              | *                         | *                                   | *              | *                               | *           | *             | *               | 1014.7                        | 0                        | SSW      | 1          | bc, 1f       | 44                 | 75                 | 6                                   | -              | -      | ci            | 4     | *     |               |      |
| Benson ...                                    | *                             | *                        | *      | *              | *        | *                                 | *              | *                         | *                                   | *              | *                               | *           | *             | *               | 1013.9                        | +1                       | SW       | 2          | bc           | 42                 | 85                 | 7                                   | -              | cu     | 1             | ci    | 4     | *             |      |
| S. Farnborough                                | *                             | *                        | *      | *              | *        | *                                 | *              | *                         | *                                   | *              | *                               | *           | *             | *               | 1014.9                        | 0                        | W        | 3          | cu           | 40                 | 92                 | 8                                   | -              | -      | ci            | 8     | *     |               |      |
| London (Kew Obs.)                             | 1014.5                        | +1                       | *      | *              | *        | 39                                | -              | -                         | -                                   | -              | -                               | *           | *             | *               | 1014.8                        | +1                       | SSW      | 1          | cu           | 42                 | 85                 | 4                                   | -              | -      | A. st         | 8     | *     |               |      |
| Croydon ...                                   | 1014.8                        | 0                        | WSW    | 1              | b, 1f    | 39                                | 85             | 7                         | -                                   | -              | -                               | A. st       | 1             | *               | 1015.0                        | +2                       | SSW      | 2          | c, 1f        | 43                 | 85                 | 6                                   | 3,000          | F. cu  | 1             | ci    | 6     | *             |      |
| STATIONS CONTRIBUTING REPORTS AT 7h. AND 19h. |                               |                          |        |                |          |                                   |                |                           |                                     |                |                                 |             |               |                 |                               |                          |          |            |              |                    |                    |                                     |                |        |               |       |       |               |      |
| STATIONS                                      | BAROM.<br>at<br>M.S.L.<br>mb. | TEMP.<br>°F.             | WIND.  |                | WEATHER. | BAROMETER.<br>at<br>M.S.L.<br>mb. | TEMPERATURE.   |                           | WIND.                               |                | Dirac.<br>of<br>Upper<br>Cloud. | Weather.    | Sea<br>0-9.   | Rainfall<br>mm. | TEMP.                         |                          | WEATHER. |            |              | Sunshine<br>Hours. |                    |                                     |                |        |               |       |       |               |      |
|                                               |                               |                          | Direc. | Force<br>0-12. |          |                                   | Temp.<br>°F.   | Change<br>in<br>24 hours. | Direc.                              | Force<br>0-12. |                                 |             |               |                 | Max.<br>°F.                   | Min.<br>°F.              | Morning. | Afternoon. | Night.       |                    |                    |                                     |                |        |               |       |       |               |      |
|                                               |                               |                          |        |                |          |                                   |                |                           |                                     |                |                                 |             |               |                 |                               |                          |          |            |              |                    |                    |                                     |                |        |               |       |       |               |      |
| 19h. G.M.T. OF 29th                           |                               |                          |        |                |          |                                   |                |                           |                                     |                |                                 |             |               |                 |                               |                          |          |            |              |                    |                    |                                     |                |        |               |       |       |               |      |
| Lerwick ...                                   | 1000.9                        | 43                       | N      | 3              | cm       | 1002.0                            | 0              | 42                        | 0                                   | NNW            | 3                               | -           | bcny          | 2               | 2                             | 45                       | 35       | eq, p      | amp          | bcnp               | *                  |                                     |                |        |               |       |       |               |      |
| Stornoway ...                                 | *                             | *                        | *      | *              | *        | *                                 | *              | *                         | *                                   | *              | *                               | *           | *             | *               | *                             | *                        | *        | *          | *            | *                  | *                  |                                     |                |        |               |       |       |               |      |
| Castlebay (Barra Is)                          | *                             | *                        | *      | *              | *        | *                                 | *              | *                         | *                                   | *              | *                               | *           | *             | *               | *                             | *                        | *        | *          | *            | *                  |                    |                                     |                |        |               |       |       |               |      |
| Glasgow ...                                   | 1008.1                        | 47                       | W      | 3              | b        | 1010.2                            | +1             | 37                        | -1                                  | W              | 1                               | -           | bcz           | *               | -                             | 50                       | 33       | bc, e      | c. bc, b     | b. bc, bx          | 12.3               |                                     |                |        |               |       |       |               |      |
| Malin Head ...                                | 1010.2                        | 44                       | NW     | 2              | bc       | 1010.1                            | 0              | 40                        | -1                                  | WNW            | 2                               | -           | bc            | 2               | -                             | 46                       | 38       | bc         | bc           | bc                 | 11.0               |                                     |                |        |               |       |       |               |      |
| Blacksod Point                                | 1012.3                        | 48                       | N      | 2              | bc       | 1011.3                            | -2             | 40                        | -5                                  | -              | 0                               | -           | bc            | 1               | -                             | 49                       | 34       | bc         | bc           | bc                 | *                  |                                     |                |        |               |       |       |               |      |
| Roche's Point...                              | 1013.7                        | 49                       | NW     | 3              | c        | 1013.8                            | 0              | 40                        | -2                                  | W              | 1                               | W           | c             | 1               | 4                             | 51                       | 36       | bcph       | ht. cp       | bc, c              | *                  |                                     |                |        |               |       |       |               |      |
| Birr Castle ...                               | 1012.2                        | 46                       | SW     | 1              | c        | 1012.7                            | *              | 38                        | -2                                  | 3              | 1                               | S           | bc            | *               | 1                             | 52                       | 32       | c          | cp, r        | c, bc              | 5.8                |                                     |                |        |               |       |       |               |      |
| Donaghadee ...                                | 1011.2                        | 45                       | NE     | 2              | bcz      | 1011.6                            | 0              | 39                        | -1                                  | W              | 2                               | -           | bm            | 2               | 0.2                           | 48                       | 31       | bcq, p     | bc           | bm, x              | *                  |                                     |                |        |               |       |       |               |      |
| Liverpool (Bidston)                           | 1010.7                        | 47                       | NW     | 3              | b        | 1011.5                            | -1             | 38                        | -4                                  | W              | 2                               | -           | oph           | 2               | 3                             | 49                       | 28       | o, bc      | b            | b, oph             | 11.7               |                                     |                |        |               |       |       |               |      |
| Holyhead ...                                  | 1011.2                        | 45                       | WSW    | 4              | bcg      | 1011.8                            | +1             | 45                        | +2                                  | WNW            | 4                               | W           | cg            | 2               | trace                         | 51                       | 32       | c, bc, b   | b, bc        | cg                 | 5.6                |                                     |                |        |               |       |       |               |      |
| Pembroke (St. Mary's)                         | 1013.9                        | 47                       | WSW    | 3              | bcv      | 1013.5                            | 0              | 45                        | +2                                  | W              | 3                               | W           | bv            | 3               | 0.2                           | 48                       | 40       | bcv        | bcv          | bcv                | 10.8               |                                     |                |        |               |       |       |               |      |
| Scilly (St. Mary's)                           | 1014.9                        | 49                       | WNW    | 3              | bc       | 1015.7                            | 0              | 47                        | +2                                  | W              | 2                               | W           | c             | 3               | 1                             | 52                       | 45       | bcv        | bcv          | cp, v              | 9.5                |                                     |                |        |               |       |       |               |      |
| Jersey (St. Aubin)                            | 1016.5                        | 50                       | NW     | 4              | b        | 1017.6                            | 0              | 48                        | -1                                  | SW             | 3                               | -           | o             | 3               | 1                             | 55                       | 46       | cp, b      | b, bc, b     | b, o               | 11.8               |                                     |                |        |               |       |       |               |      |
| Portland Bill ...                             | 1014.4                        | 50                       | WNW    | 4              | bc       | 1014.7                            | 0              | 49                        | 0                                   | WSW            | 5                               | -           | bc            | 4               | 1                             | 51                       | 44       | bc         | bc           | bc                 | *                  |                                     |                |        |               |       |       |               |      |
| Dungeness ...                                 | 1012.4                        | 45                       | W      | 3              | bcq      | 1014.8                            | 0              | 45                        | 0                                   | WSW            | 3                               | W           | b             | 3               | 8                             | 54                       | 35       | eq, p, s   | eq, p, s     | c, b, b, c         | *                  |                                     |                |        |               |       |       |               |      |
| Wick ...                                      | 1004.2                        | 41                       | NW     | 2              | eq       | 1005.0                            | 0              | 40                        | 0                                   | NNW            | 2                               | -           | omr           | 3               | 2                             | 45                       | 36       | omr, eq    | cmr, eq      | cmr, eq            | *                  |                                     |                |        |               |       |       |               |      |
| Nairn ...                                     | 1006.5                        | 42                       | NNW    | 3              | bc       | 1007.9                            | *              | 39                        | -1                                  | NNW            | 1                               | -           | bc            | 2               | 0.4                           | 46                       | 35       | bc         | bc           | bc                 | 2.6                |                                     |                |        |               |       |       |               |      |
| Leith ...                                     | 1006.7                        | 46                       | NW     | 2              | c        | 1008.7                            | 0              | 38                        | -2                                  | WSW            | 2                               | -           | b             | 2               | -                             | 51                       | 35       | bc, o, bc  | bc, cp, o    | bc, b              | *                  |                                     |                |        |               |       |       |               |      |
| Tynemouth ...                                 | 1007.0                        | 47                       | W      | 3              | cm       | 1008.2                            | 0              | 40                        | 0                                   | W              | 2                               | -           | bm            | 2               | -                             | 50                       | 36       | bm         | bc           | bm                 | *                  |                                     |                |        |               |       |       |               |      |
| Spurn Head ...                                | 1008.5                        | 46                       | NW     | 6              | eq       | 1010.8                            | 0              | 41                        | 0                                   | SW             | 4                               | -           | bm            | 4               | -                             | 49                       | 36       | eq, p      | eq           | eq                 | *                  |                                     |                |        |               |       |       |               |      |
| Yarmouth (Gorleston)                          | 1009.9                        | 49                       | NNW    | 2              | m        | 1013.4                            | +2             | 40                        | +2                                  | W              | 2                               | -           | bm            | 2               | -                             | 51                       | 36       | bm, p      | bm, z        | c, b, b, v         | 8.2                |                                     |                |        |               |       |       |               |      |
| Clacton-on-Sea                                | 1011.3                        | 52                       | W      | 3              | bc       | 1014.4                            | +1             | 45                        | +4                                  | WSW            | 3                               | W           | bc            | 2               | 1                             | 54                       | 38       | c, bc, y   | bc, y        | cp, bc             | 7.2                |                                     |                |        |               |       |       |               |      |
| Nottingham ...                                | 1010.6                        | 48                       | W      | 4              | b        | 1012.2                            | *              | 42                        | 0                                   | WSW            | 2                               | W           | bc            | 4               | trace                         | 51                       | 34       | o, cp      | c, bc        | b                  | 7.0                |                                     |                |        |               |       |       |               |      |

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ For code see page 3.



# SUMMARY OF CONDITIONS AT 7 A.M. Friday, 30th April, 1920.

| Districts.                | Wind.<br>Velocity in m.p.h. | Temperature. | Weather, Cloud and Precipitation.           | Visibility. | Sea.    |
|---------------------------|-----------------------------|--------------|---------------------------------------------|-------------|---------|
| 1. S.E. England           | SW-W 2-10                   | R.Cold.      | Fair or cloudy, local mist.                 | Var.        | Smooth  |
| 2. E. England             | SW-W 5-15                   | Cold.        | Fair or fine, local haze                    | "           | Slight  |
| 3. E. Midlands            | SW-W 2-10                   | R.Cold.      | Fair.                                       | Good        | -       |
| 4. W. Midlands            | SW-W 2-10                   | "            | Mainly fair.                                | "           | -       |
| 5. S.W. England           | WSW. 5-15                   | Normal.      | Fair to dull.                               | V.Good      | Slight  |
| 6. South Wales            | W. 10                       | "            | Fine.                                       | "           | "       |
| 7. North Wales            | WNW. 5-15                   | R.Cold.      | Cloudy.                                     | Good.       | Smooth  |
| 8. N.W. England           | W-NW. 5                     | V.Cold.      | Fine in North, dull, rain or hail in South. | Var.        | "       |
| 9. N. Midlands            | WSW-NW. 5                   | Cold.        | Fair to dull.                               | Indif.      | -       |
| 10. N.E. England          | SW-W. 5-15                  | "            | Variable sky, misty.                        | Poor        | Slight. |
| 11. E. Scotland           | W-NW. 2-10                  | R.Cold.      | Fair or fine.                               | V.Good      | "       |
| 12. S.W. Scotland         | W'ly. 2-5                   | "            | Fair or fine.                               | Good.       | Smooth  |
| 13. Isle of Man           | W. 5-10                     | Cold.        | Fair generally.                             | "           | "       |
| 14. N. & N.W. Scotland    | W-NW. 2-5                   | "            | Fair to dull, mist & rain in North.         | Var.        | "       |
| 15. Hebrides              | No reports.                 |              |                                             |             |         |
| 16. Orkneys and Shetlands | NNW. 5-10                   | Normal.      | Fair, misty, squally.                       | Fair.       | Smooth  |
| 17. N.W. Ireland          | Calm.                       | V.Cold.      | Fair.                                       | Good.       | "       |
| 18. N.E. Ireland          | W. 2-5                      | Cold.        | Fair or fine, local mist.                   | Fair.       | "       |
| 19. S.E. Ireland          | S-SW. 2-10                  | V.Cold.      | Fair.                                       | Good        | "       |
| 20. S.W. Ireland          | W-NE. 2-5                   | "            | Fine or cloudy.                             | V.Good      | "       |

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

The Western districts will probably be affected within 24 hours by a depression advancing from the Azores region. Over the Eastern half of the British Isles, however, mainly fair weather may be anticipated though local showers are still probable. An early return to very unsettled conditions is indicated.

**EXPLANATION.**  
 BAROMETER.—Inches and tenths.  
 WIND.—Direction is shown by the arrow, force by the number of flags.  
 CLOUDS.—Amount of sky covered by clouds is indicated by the number of eighths of sky covered.  
 TEMPERATURE.—Inches and tenths.  
 WEATHER SYMBOLS.—  
 ☉ clear sky. ☁ sky & clouds. ☁ overcast sky. ☁ rain. ☁ snow. ☁ hail. ☁ thunder. ☁ lightning.  
 SEA DISTURBANCE.—  
 Rough. High.

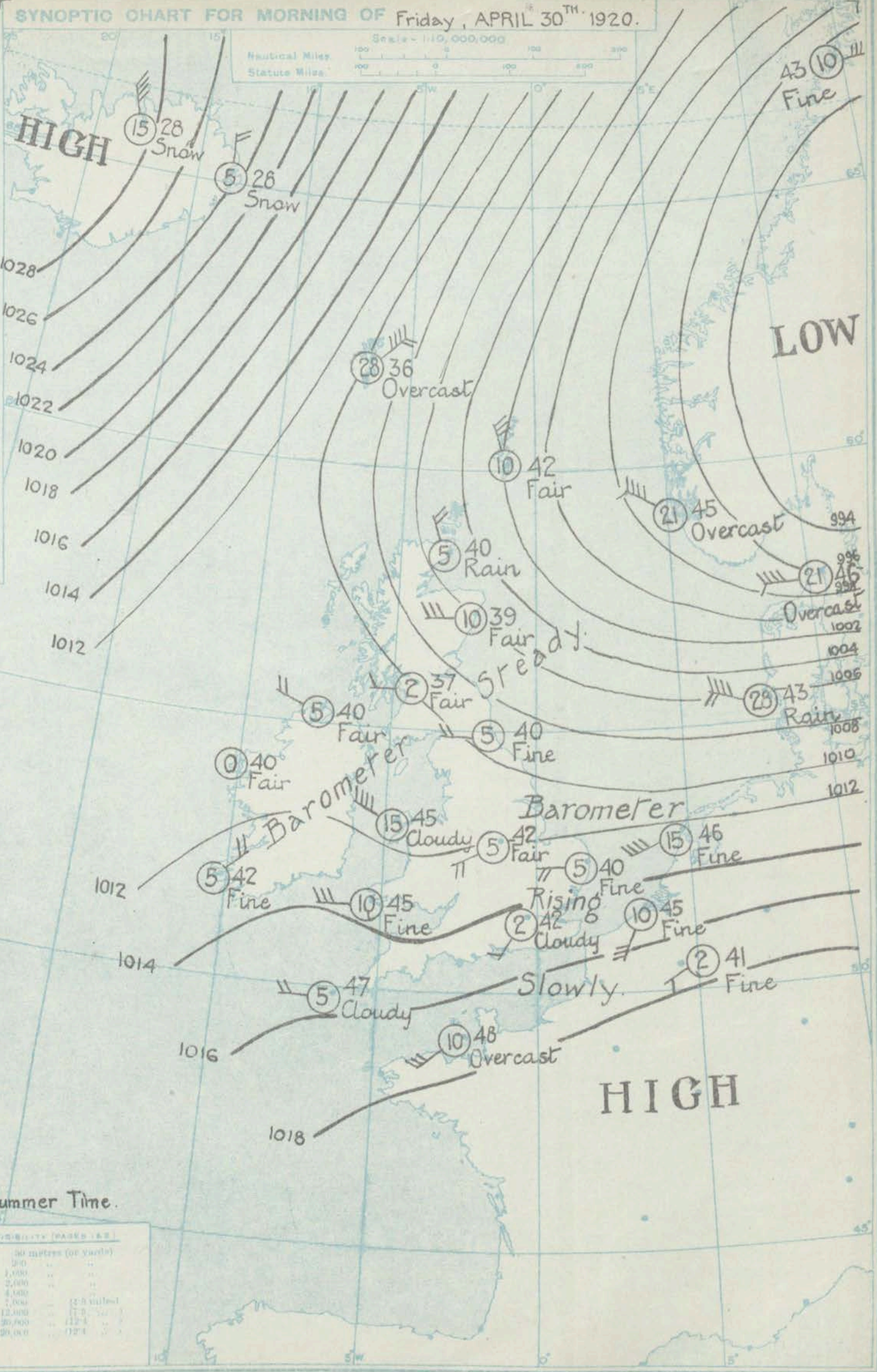
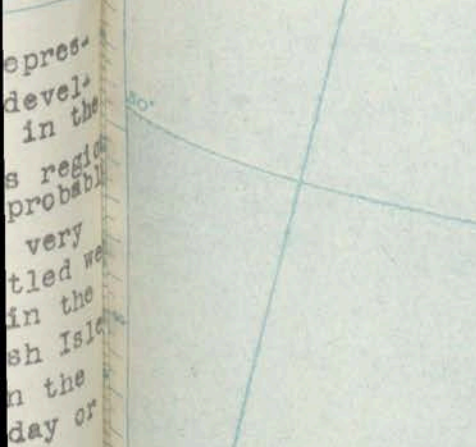
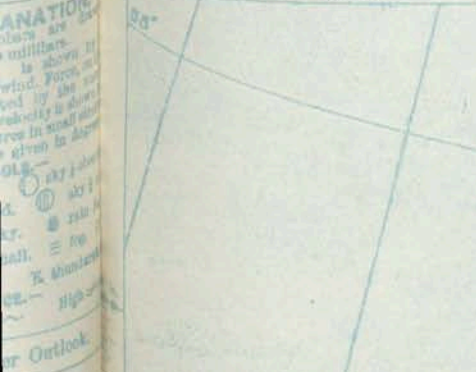
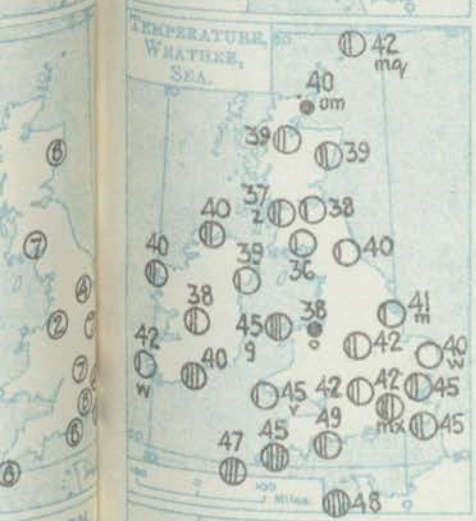
| Districts.                                                             | Forecasts for the 24 hours commencing 15h.GMT. Friday, 30th April, 1920.                                                                     | Further Outlook.                                                                                                                           |
|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands<br>4. W. Midlands   | Wind South-West backing South, light to moderate; mainly fair but some local showers, perhaps thunder; visibility good; becoming milder.     | The depression developing in the Azores region will probably cause very unsettled weather in the British Isles within the next day or two. |
| 5. S.W. England<br>6. South Wales<br>7. North Wales<br>8. N.W. England | Wind South-West backing to South-East, light to moderate; fine at first, overcast and local showers later; visibility deteriorating; milder. |                                                                                                                                            |
| 9. N. Midlands<br>10. N.E. England<br>11. E. Scotland                  | Light variable winds, mainly fair but some showers or rain or hail; perhaps thunder; inland mist at night; visibility good during day; cold. |                                                                                                                                            |
| 12. S.W. Scotland<br>13. Isle of Man<br>14. N. & N.W. Scotland         | As for 5 - 8.                                                                                                                                |                                                                                                                                            |
| 15. Hebrides<br>16. Orkneys and Shetlands<br>17. N.W. Ireland          | Wind Northerly or variable, light to moderate; changeable, showery, snow or hail showers, perhaps thunder; visibility fair; cold.            |                                                                                                                                            |
| 18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland               | Wind South or South-East, light to moderate, freshening later; cloudy or overcast, some rain; visibility indifferent; milder.                |                                                                                                                                            |



# SYNOPTIC CHART FOR MORNING OF Friday, APRIL 30<sup>TH</sup> 1920.

Scale - 1:10,000,000

Nautical Miles  
Statute Miles



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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (BASED I.S.)

|                | Objects not visible at | 50 metres (or yards) |
|----------------|------------------------|----------------------|
| 1. Dense fog   | 200                    |                      |
| 2. Very Bad    | 1,000                  |                      |
| 3. Very Poor   | 2,000                  |                      |
| 4. Poor        | 4,000                  |                      |
| 5. Indifferent | 7,000                  | 12.5 miles           |
| 6. Fair        | 12,000                 | 17.5 "               |
| 7. Good        | 20,000                 | 22.5 "               |
| 8. Very Good   | 30,000                 | 27.5 "               |
| 9. Excellent   | Intercepted visibility | 12.5 "               |



**AIR MINISTRY.**

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. NC B 124

Friday  
{ 30<sup>th</sup> April

| WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR ..... |                       |           |            |              |              |                            |                       |               |                                  |                   |                  |                      |             |            |              |              |                            |                       |               |                                  |      |
|-------------------------------------------------------------------------|-----------------------|-----------|------------|--------------|--------------|----------------------------|-----------------------|---------------|----------------------------------|-------------------|------------------|----------------------|-------------|------------|--------------|--------------|----------------------------|-----------------------|---------------|----------------------------------|------|
| STATIONS.                                                               |                       | WEATHER.  |            | TEMPERATURE. |              | RAINFALL.                  |                       | SUNSHINE.     |                                  |                   | STATIONS.        |                      | WEATHER.    |            | TEMPERATURE. |              | RAINFALL.                  |                       | SUNSHINE.     |                                  |      |
|                                                                         |                       | Forenoon. | Afternoon. | Max.<br>° F. | Min.<br>° F. | Night.<br>17h-9h.<br>26-29 | Day.<br>9h-17h.<br>29 | to 17h.<br>29 | Sunrise<br>to Sun-<br>set.<br>28 |                   |                  |                      | Forenoon.   | Afternoon. | Max.<br>° F. | Min.<br>° F. | Night.<br>17h-9h.<br>28-29 | Day.<br>9h-17h.<br>29 | to 17h.<br>29 | Sunrise<br>to Sun-<br>set.<br>28 |      |
| Scotland.                                                               | Oban ... ..           |           |            |              |              |                            |                       |               |                                  |                   | England,<br>N.W. | Douglas (I.O.M.)     |             |            |              |              |                            |                       |               |                                  |      |
|                                                                         | Banff ... ..          | o.ch.p    | bc         | 46           | 38           | 1                          | 1                     | 3.0           | ?                                |                   |                  | Blackpool ... ..     | c           | bc         | 49           | 40           | 1                          | 0.3                   | 9.0           | 5.4                              |      |
|                                                                         | Montrose ... ..       | o         | c          | 50           | 36           | -                          | -                     | 3.1           | 5.7                              |                   |                  | Southport ... ..     | cp.bcb      | b.bcb      | 49           | 42           | 0.1                        | -                     | 10.5          | 4.9                              |      |
|                                                                         | St. Andrews ... ..    |           |            |              |              |                            |                       |               |                                  |                   |                  |                      |             |            |              |              |                            |                       |               |                                  |      |
| England,<br>N.E.                                                        | Harrogate ... ..      | c.bc.b    | b.be       | 49           | 36           | 2                          | -                     | 4.1           | 8.5                              |                   | Midlands.        | Buxton ... ..        | bcr.eg      | bc.b.c.b   | 43           | 33           | 9                          | 0.4                   | 4.8           | 3.5                              |      |
|                                                                         | Scarborough ... ..    | bc        | be         | 54           | 39           | -                          | 0.3                   | 5.4           | 10.6                             |                   |                  | Leamington Spa... .. | c           | c          | 51           | 36           | -                          | -                     | 7.2           | 8.2                              |      |
|                                                                         | Skegness ... ..       | our.o.c   | c.o.bcb    | 51           | 34           | -                          | 0.3                   | 6.4           | 6.8                              |                   |                  | Malvern ... ..       | bc          | bc.c       | 51           | 38           | -                          | -                     | 7.5           | 10.2                             |      |
|                                                                         | Lowestoft ... ..      | bc        | bc         | 53           | 36           | 1                          | -                     | 8.0           | 9.6                              |                   |                  | Ross-on-Wye ... ..   | beev        | bc.c.o.c   | 53           | 37           | -                          | -                     | 6.4           | 9.5                              |      |
| England, E.                                                             | Felixstowe ... ..     | bc        | bc         | 53           | 40           | -                          | -                     | 9.2           | 10.7                             |                   | Wales.           | Bath ... ..          | c.o.bc      | o.c.bcb    | 52           | 39           | -                          | 0.3                   | 5.4           | 8.3                              |      |
|                                                                         | Southend-on-Sea...    | bc        | bc         | 55           | 36           | -                          | -                     | 9.0           | 7.7                              |                   |                  | Rhyl ... ..          | bc          | b          | 48           | 41           | -                          | -                     | 10.0          | 4.8                              |      |
|                                                                         |                       |           |            |              |              |                            |                       |               |                                  | Colwyn Bay ... .. |                  | x                    | x           | 51         | 41           | -            | -                          | 9.4                   | 7.0           |                                  |      |
|                                                                         |                       |           |            |              |              |                            |                       |               |                                  | Llandudno ... ..  |                  | c.b                  | b           | 49         | 42           | -            | -                          | 10.5                  | 7.7           |                                  |      |
| England, S.E.                                                           |                       |           |            |              |              |                            |                       |               |                                  |                   |                  | Aberystwyth ... ..   | o.c.b       | bc.c       | 48           | 44           | -                          | -                     | 8.5           | 10.5                             |      |
|                                                                         | Tunbridge Wells       | bc        | bc         | 51           | 34           | -                          | 1                     | 5.8           | 8.1                              |                   |                  | Swansea ... ..       | x           | x          | 51           | 40           | ?                          | ?                     | ?             | 7.5                              |      |
|                                                                         | Margate ... ..        | b         | b.bc.c     | 53           | 37           | -                          | -                     | 9.2           | 8.8                              |                   | England, S.W.    | Weymouth ... ..      | bc          | bch.bc     | 56           | 42           | -                          | 1                     | 10.3          | 10.8                             |      |
|                                                                         | Ramsgate ... ..       | *         | *          | 54           | 34           | -                          | -                     | 8.3           | 9.6                              |                   |                  | Teignmouth ... ..    | b           | b          | 56           | 39           | -                          | -                     | 9.5           | 13.0                             |      |
|                                                                         | Folkestone ... ..     | c.be      | crp.be     | 53           | 38           | -                          | 2                     | 6.1           | 9.5                              |                   |                  | Torquay ... ..       | ber         | bey        | 56           | 40           | 0.3                        | 0.3                   | 10.5          | 10.7                             |      |
|                                                                         | Hastings ... ..       | or.bcb    | ghk.br     | 52           | 37           | 0.4                        | 1                     | 7.0           | 9.7                              |                   |                  | Paignton ... ..      | beqh        | bc         | 57           | 37           | -                          | -                     | 9.8           | 12.1                             |      |
|                                                                         | Eastbourne ... ..     | bc        | p.be       | 53           | 40           | 1                          | 0.1                   | 11.1          | 10.0                             |                   |                  | Penzance ... ..      | bc          | bepbc      | 53           | 44           | -                          | 2                     | 9.1           | 11.4                             |      |
|                                                                         | Brighton ... ..       | cph       | cp         | 52           | 39           | -                          | 1                     | 6.8           | 8.9                              |                   |                  | Newquay ... ..       | bc.b        | b.be.c     | 51           | 44           | -                          | -                     | 8.5           | 10.8                             |      |
|                                                                         | Worthing ... ..       | bc        | bc         | 53           | 37           | -                          | ?                     | 8.5           | 10.3                             |                   |                  | Bude ... ..          | bc          | b          | 51           | 41           | 2                          | -                     | 8.9           | 12.8                             |      |
|                                                                         | Littlehampton ... ..  | bc        | c          | 51           | 35           | -                          | 0.2                   | 8.0           | 8.3                              |                   |                  | Ilfracombe ... ..    | o.c.be      | bc         | 49           | 44           | 3                          | -                     | 7.5           | 8.9                              |      |
|                                                                         | Portsmouth (S. shore) | x         | x          | 52           | 41           | 0.2                        | 0.4                   | 6.7           | 9.0                              |                   |                  | Weston-s-Mare ... .. | bep.b       | b          | 53           | 43           | 1                          | -                     | 10.5          | 8.9                              |      |
|                                                                         | Bournemouth ... ..    | *         | *          | 51           | 38           | 4                          | 4                     | 6.3           | 10.8                             |                   |                  |                      | Tenby... .. | bch        | bc           | 51           | 47                         | 1                     | 1             | 8.7                              | 10.8 |
|                                                                         | Ventnor (I. of W.)    | *         | *          | 50           | 38           | -                          | 2                     | 7.3           | 10.8                             |                   |                  |                      |             |            |              |              |                            |                       |               |                                  |      |

| STATIONS.                  | SUMMARIES FOR LAST 24 HOURS. |             |                   |                   |                 |                 |                    |             |               |             | BEAUFORT NOTATION.<br>b blue sky (not more than a quarter covered).<br>bc sky partly cloudy (one half covered).<br>c generally cloudy (three quarters covered).<br>d drizzle, or fine rain.<br>e wet air without rain falling.<br>f fog. g gloom.<br>h hail. i lightning.<br>m mist. o overcast sky.<br>p passing showers.<br>q squalls. r rain.<br>rs sleet, i.e., rain and snow together.<br>s snow. t thunder.<br>u ugly, threatening sky.<br>v unusual visibility.<br>w dew. x hoar frost.<br>y dry air; humidity less than 60 per cent.<br>z dust haze; the turbid atmosphere of dry weather. | THE BEAUFORT SCALE OF WIND FORCE.<br>Used only for surface observations. |                                                   |                    |
|----------------------------|------------------------------|-------------|-------------------|-------------------|-----------------|-----------------|--------------------|-------------|---------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------|--------------------|
|                            | WEATHER.                     |             |                   |                   | Max. Temp. ° F. | Min. Temp. ° F. | Min. on Grass ° F. | RAINFALL.   |               | Sun. Hours. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No.                                                                      | Limits of Velocity at about 30 feet above ground. |                    |
|                            | 7h-13h                       | 13h-19h     | 19h-1h            | 1h-7h             |                 |                 |                    | Day. 7h-13h | Night. 19h-7h |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          | Statute miles per hour.                           | Metres per second. |
| Eskdalemuir ... ..         | c. beg. cy.                  | cph. cy. c  | c. bc. b          | bx                | 50              | 27              | 19                 | -           | -             | 11.3        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |                                                   |                    |
| Valencia (Cahirciveen) ... | b. bc. cp                    | bc. bv      | c. bc. bw         |                   | 49              | 36              | 33                 | 1           | -             | 11.8        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |                                                   |                    |
| Baldonnel ... ..           | bc. cp.                      | cp.         | r. c. o           | b. bc. x          | 50              | 30              | 25                 | 3           | 3             | 6.5         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |                                                   |                    |
| Didsbury ... ..            | c. org.                      | bc. cp.     |                   | cp.               | +               | +               | +                  | +           | +             | +           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |                                                   |                    |
| Falmouth ... ..            | b. cy.                       | b. cy. h.   | b. bc. bv         | b. o              | 54              | 39              | 34                 | 2           | trace         | 5.5         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |                                                   |                    |
| Calshot (Hants) ... ..     | bc. cp.                      | bc. cv      | b. bc.            | b. bc. c          | 52              | 38              | 30                 | 1           | -             | 7.2         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |                                                   |                    |
| Lympne (Folkestone) ...    | b. bc. cp.                   | o. c. o. c  | bc. cx            | b. bc. c          | 51              | 34              | 27                 | 2           | trace         | 5.3         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |                                                   |                    |
| Aberdeen ... ..            | cr. hp.                      | b. cy.      | bc. b             |                   | 47              | 36              | 29                 | 3           | -             | 9.2         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |                                                   |                    |
| Howden ... ..              | p. r. r.                     | pr. ho.     | q. e. if          | o. s. s. f. w.    | 51              | 36              | 26                 | 1           | -             | 8.0         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |                                                   |                    |
| Cranwell (Lincs) ... ..    | c. op.                       | c. o. b. bc | b. bc. b.         | b. b. bc.         | 50              | 33              | +                  | -           | -             | 9.7         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |                                                   |                    |
| Felixstowe ... ..          | bc. c                        | bc. c       |                   | b. w.             | 51              | 32              | +                  | +           | +             | +           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |                                                   |                    |
| Shoeburyness ... ..        | bx. bc.                      | bc.         | bc. m             |                   | 54              | 37              | 31                 | -           | -             | 9.9         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |                                                   |                    |
| Benson ... ..              | c                            | bc.         | bc. x             |                   | 53              | 29              | 22                 | 0.1         | -             | +           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |                                                   |                    |
| S. Farnborough ... ..      | bc. p.                       | c. bc. b    | bc. w.            |                   | 55              | 30              | 22                 | -           | -             | 8.4         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |                                                   |                    |
| London (Kew Obs.) ...      | bx. w. bc. cy.               | bc. p. bc.  | b. bc. m. x       |                   | 54              | 35              | 27                 | 0.2         | -             | 7.7         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |                                                   |                    |
| Croydon ... ..             | bc. c. z. c.                 | ?           | c. if. bc. b. if. | b. if. bc. c. if. | 54              | 35              | +                  | 0.3         | -             | +           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                          |                                                   |                    |

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

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

| LONDON.<br>OBSERVATIONS.       |     | WEATHER.   |         |    | Max.<br>Temp.<br>°F. | Min.<br>Temp.<br>°F. | Min. on<br>Grass.<br>°F. | Rain-<br>fall.<br>mm. | Sun-<br>shine to<br>Sunset.<br>Hours. | HUMIDITY %      |                                 | SOUTH KENSINGTON<br>(Meteorological Office).                                              |              | TABLE SHOWING THE GREENWICH TIMES OF<br>SUNRISE, NOON AND SUNSET FOR STATIONS<br>IN THE UNITED KINGDOM. |                |              |         |
|--------------------------------|-----|------------|---------|----|----------------------|----------------------|--------------------------|-----------------------|---------------------------------------|-----------------|---------------------------------|-------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------------------------|----------------|--------------|---------|
| Morning.                       |     | Afternoon. | Night.  |    |                      |                      |                          |                       |                                       | 15 h.<br>G.M.T. | 9 h.<br>G.M.T.                  |                                                                                           |              |                                                                                                         |                |              |         |
| 24 HOURS ENDED 3H G.M.T.       |     |            |         |    |                      |                      |                          | YESTERDAY.            |                                       | TO-DAY.         |                                 | Vertical Component<br>of<br>Solar Radiation<br>per Square Centimetre<br>during yesterday. |              | 30th April 1st May 1920.                                                                                |                |              |         |
|                                |     |            |         |    |                      |                      |                          |                       |                                       |                 |                                 |                                                                                           |              | Stations.                                                                                               | Sunrise.       | Noon.        | Sunset. |
| Greenwich (Royal Observatory)  | c   | c.e        | c.b.b.c | 57 | 33                   | 28                   | 1                        | 6.2                   | 51                                    | 63              | Total ..... 132.7 ..... Joules. |                                                                                           | Yarmouth...  | 4.26<br>4.24                                                                                            | 11.50<br>11.50 | 7.13<br>7.16 |         |
| City (Bunhill Row) ...         | *   | *          | *       | *  | *                    | *                    | *                        | 6.8                   | *                                     | *               | Milliwatts.                     |                                                                                           | Greenwich    | 4.37<br>4.34                                                                                            | 11.57<br>11.57 | 7.17<br>7.20 |         |
| Westminster (St. James's Park) | bc  | bc.r bc    | bc      | 57 | 35                   | 28                   | 1                        | 5.8                   | 48                                    | 62              | Average Rate. 26.5              |                                                                                           | Wick ...     | 4.23<br>4.20                                                                                            | 12.9<br>12.9   | 7.24<br>7.58 |         |
| " (Admiralty Arch)             | bcx | bc.cprsh   | cbo     | 57 | 40                   | *                    | 1                        | 6.4                   | 47                                    | 65              | Maximum Rate. 34                |                                                                                           | Valencia ... | 5.16<br>5.13                                                                                            | 12.38<br>12.38 | 7.59<br>8.2  |         |
| Camden Sq. (British Rainfall)  | bc  | bc.c       | *       | 53 | 34                   | 30                   | *                        | *                     | 51                                    | 67              |                                 |                                                                                           |              |                                                                                                         |                |              |         |
| Kensington Palace ...          | c   | c.b.c.pbc  | *       | 55 | 33                   | 26                   | 0.3                      | *                     | 67 (18h)                              | 70              |                                 |                                                                                           |              |                                                                                                         |                |              |         |
| Hampstead Observatory ...      | bc  | bc         | *       | 54 | 36                   | 31                   | -                        | 8.8                   | *                                     | 67              |                                 |                                                                                           |              |                                                                                                         |                |              |         |

## NOTES ON THE WEATHER OF YESTERDAY.

The day was again characterised by large amounts of bright sunshine with showery intervals in nearly all localities. Slight thunderstorms occurred in South Ireland and on the South-East coast of England.

Many stations enjoyed eleven hours of bright sunshine, as much as 12.3 hours being registered at Glasgow.

Temperature continued low for the season minima falling below freezing point at some inland stations. Ground frosts at night were very general the grass minimum being as low as  $19^{\circ}$  at Eskdalemuir and  $22^{\circ}$  at Benson and South Farnborough.

\* Information for these columns not usually received





## AIR MINISTRY.

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

## I.—CORRECTIONS.

| Report for       | STATION.          | CORRECTION.                                 | Report for       | STATION.          | CORRECTION.                                  | Report for       | STATION.          | CORRECTION.                                 |
|------------------|-------------------|---------------------------------------------|------------------|-------------------|----------------------------------------------|------------------|-------------------|---------------------------------------------|
| 2 <sup>nd</sup>  | FALMOUTH.         | 184.1 <sup>st</sup> Low Cloud. Sc.          | 18 <sup>th</sup> | CROYDON.          | MIN TEMP. 41°                                | 26 <sup>th</sup> | SPURN HEAD.       | RAINFALL. 0.3.                              |
| 3 <sup>rd</sup>  | YARMOUTH.         | 74 <sup>th</sup> MAX. TEMP. 48°             | 15 <sup>th</sup> | CRANWELL.         | 134.18 <sup>th</sup> BAROMETER 998.2         |                  | CALSHOT.          | MIN TEMP. 49°                               |
|                  | LYMPNE.           | 74 <sup>th</sup> PRESENT WEATHER. 0.5f.     |                  | LONDON (NEW OBS.) | PAST WTR. 74-134 6.34. 0.6f. 0.9.            | 27 <sup>th</sup> | LONDON (NEW OBS.) | 15 <sup>th</sup> 26 <sup>th</sup> TEMP. 53° |
|                  | STORNOWAY.        | 184.2 <sup>nd</sup> BAROMETER. 1012.1       |                  | "                 | RAINFALL. 74-184. 0.2.                       |                  | DUNBARNESS.       | MAX. TEMP. 55°                              |
|                  | FALMOUTH.         | PAST WEATHER. 184-14. C. 0.4. 0.            | 16 <sup>th</sup> | BLACKSOD.         | 184.15 <sup>th</sup> BAROMETER. 979.5        |                  | LONDON (NEW OBS.) | PAST WEATHER. 74-134. 0.6. 0.9. 0.4.        |
| 4 <sup>th</sup>  | FALMOUTH.         | 184.3 <sup>rd</sup> WIND DIRECTION. NNW.    | 17 <sup>th</sup> | FALMOUTH.         | 14.17 <sup>th</sup> PRESENT WEATHER. 6W.     | 28 <sup>th</sup> | GLASGOW.          | SUNSHINE. 12.3 h.                           |
|                  | STORNOWAY.        | 184.3 <sup>rd</sup> BAROMETER. 1015.6       |                  | BLACKSOD.         | 74. BAROMETER. 1008.5.                       |                  | DUNBARNESS.       | MAX. TEMP. 50°                              |
|                  | WICK.             | RAINFALL. 2.                                |                  | VALENCIA.         | MIN. TEMP. 34°                               | 29 <sup>th</sup> | CALSHOT.          | 184.28 <sup>th</sup> AMT. LOW CLOUD. 7.     |
|                  | LYMPNE.           | PAST WEATHER. 184-74. 6.3. 6.3.             |                  | FALMOUTH.         | PAST WEATHER. 134-184. 6.3. 6.3.             |                  | LONDON (NEW OBS.) | 74. WIND DIRECTION. SW                      |
| 5 <sup>th</sup>  | MALIN HEAD.       | SUNSHINE. 5.2 h.                            | 18 <sup>th</sup> | BENSON.           | 184.17 <sup>th</sup> BAROMETER. 1009.5       |                  | ROCHES POINT.     | PRESENT WEATHER. 18-28 <sup>th</sup> 6.3.   |
|                  | JERSEY.           | RAINFALL. 0.4                               |                  | FALMOUTH.         | 14. PRESENT WEATHER. 6W.                     | 30 <sup>th</sup> | FALMOUTH.         | 14. AMT. LOW CLOUD. 1.                      |
|                  | SPURN HEAD.       | 74. WIND DIRECTION. N.                      |                  | HOLYHEAD.         | 74. TEMP. 47°                                |                  | "                 | " " HIGH " 1.                               |
|                  | VALENCIA.         | PAST WEATHER. 74-134. 6.3. 6.3.             | 19 <sup>th</sup> | FALMOUTH.         | " SUNSHINE. 6.0                              |                  | HOLYHEAD.         | MIN. TEMP. 42°                              |
|                  | FALMOUTH.         | " 134-184. 6.3. 6.3.                        |                  | "                 | 134.18 <sup>th</sup> BAR. 1013.4             |                  | LYMPNE.           | SUNSHINE. 5.9 h.                            |
|                  | LYMPNE.           | GRASS. MIN. 41°                             |                  | "                 | WIND. DIR. SSW.                              |                  |                   |                                             |
| 6 <sup>th</sup>  | LONDON (NEW OBS.) | PAST WEATHER. 74-134. 6.3. 6.3.             |                  | HOLYHEAD.         | HUMIDITY. 55%. Low Cloud. Cu.                |                  |                   |                                             |
|                  | BRA CASTLE.       | RAINFALL. 0.4                               |                  | "                 | 74. BAR. 1005.6.                             |                  |                   |                                             |
|                  | FALMOUTH.         | MIN. TEMP. 34°                              |                  | "                 | MIN. TEMP. 41°                               |                  |                   |                                             |
| 7 <sup>th</sup>  | SCILLY.           | PAST WEATHER. 74-134. 0.9. 6.3.             |                  | WICK.             | 74. MAX. TEMP. 46°                           |                  |                   |                                             |
| 8 <sup>th</sup>  | SHOEBURYNES.      | MIN. TEMP. 45°                              | 20 <sup>th</sup> | FALMOUTH.         | 184.19 <sup>th</sup> HUMIDITY. 65%.          |                  |                   |                                             |
|                  | FALMOUTH.         | 74. BAROMETER. 1006.4.                      |                  | CLACTON.          | 74. WIND DIRECTION. SSE.                     |                  |                   |                                             |
|                  | FALMOUTH.         | GRASS. MIN. 50°                             |                  | CALSHOT.          | MAX. TEMP. 55°                               |                  |                   |                                             |
| 9 <sup>th</sup>  | FALMOUTH.         | 74. UPPER CLOUD. 0.5f.                      | 21 <sup>st</sup> | SPURN HEAD.       | 134.20 <sup>th</sup> BAR. 998.3.             |                  |                   |                                             |
|                  | SHOEBURYNES.      | 74. TEMP. 52°                               |                  | FALMOUTH.         | RAINFALL. 184-74. 1.                         |                  |                   |                                             |
|                  | NOTTINGHAM.       | 184.8 <sup>th</sup> TEMP. 43°               |                  | CALSHOT.          | MAX. TEMP. 53°                               |                  |                   |                                             |
|                  | "                 | 74. MAX. TEMP. 46°                          |                  | CRANWELL.         | MIN. TEMP. 36°                               |                  |                   |                                             |
| 10 <sup>th</sup> | SHOEBURYNES.      | 184.9 <sup>th</sup> BAROMETER. 998.1.       | 22 <sup>nd</sup> | FALMOUTH.         | 134.21 <sup>st</sup> WEATHER (PRESENT). 6.3. |                  |                   |                                             |
| 11 <sup>th</sup> | VALENCIA.         | MIN. TEMP. 47°                              |                  | "                 | " LOW CLOUD. Cu. Nb.                         |                  |                   |                                             |
| 12 <sup>th</sup> | FALMOUTH.         | 134.11 <sup>th</sup> CHANGE IN 34. -1.      |                  | CALSHOT.          | TEMP. 52°                                    |                  |                   |                                             |
|                  | "                 | TEMP. 52°. HUMIDITY. 87%.                   |                  | FALMOUTH.         | 14. BAR. 1024.0.                             |                  |                   |                                             |
|                  | "                 | VISIBILITY. 4.                              |                  | PEMBROKE.         | 184.21 <sup>st</sup> BAR. 1021.6             |                  |                   |                                             |
|                  | "                 | 184.11 <sup>th</sup> CHANGE IN 34. +4       | 23 <sup>rd</sup> | BLACKSOD.         | 184.22 <sup>nd</sup> TEMP. 49°               |                  |                   |                                             |
|                  | CRANWELL.         | 134.11 <sup>th</sup> TEMP. 51°              |                  | SPURN HEAD.       | RAINFALL. 0.                                 |                  |                   |                                             |
|                  | ROCHES POINT.     | 74. WIND DIRECTION. SSE.                    | 24 <sup>th</sup> | FALMOUTH.         | 134.23 <sup>rd</sup> TEMP. 54°               |                  |                   |                                             |
|                  | VALENCIA.         | PAST WEATHER. 74-134. 0.9. 6.3.             |                  | "                 | 184.23 <sup>rd</sup> WIND DIRECTION. NNW.    |                  |                   |                                             |
| 13 <sup>th</sup> | FALMOUTH.         | 134.12 <sup>th</sup> BAROMETER. 981.1       | 25 <sup>th</sup> | SPURN HEAD.       | RAINFALL. 1.                                 |                  |                   |                                             |
|                  | "                 | CHANGE IN 34. -2                            | 26 <sup>th</sup> | VALENCIA.         | 134.25 <sup>th</sup> PRESENT WEATHER. C.     |                  |                   |                                             |
|                  | "                 | VISIBILITY. 5.                              |                  | CROYDON.          | 184.25 <sup>th</sup> TEMP. 54°               |                  |                   |                                             |
| 14 <sup>th</sup> | FALMOUTH.         | 134.13 <sup>th</sup> PRESENT WEATHER. 0.9f. |                  | GLASGOW.          | 74. BAR. 1014.2                              |                  |                   |                                             |

## II.—ADDITIONS.

| Report for      | STATION. | OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 13h AND 19h. |                          |        |               |         |              |                |                    |                                     |            |               |              |               | SUMMARIES FOR PAST 24 HOURS. |          |         |          |         |                      |                      |                             |           |                 |                |                   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                 |          | BAROM.<br>at<br>M.S.L.<br>mb.                                           | Change<br>in 8<br>hours. | WIND.  |               | Weather | TEMP.<br>°F. | Humidity.<br>% | Visibility.<br>0-9 | Height<br>of Low<br>Cloud.<br>Feet. | Low Cloud. |               | Upper Cloud. |               | Sea.                         | WEATHER. |         |          |         | Max.<br>Temp.<br>°F. | Min.<br>Temp.<br>°F. | Min.<br>on<br>Glass.<br>°F. | RAINFALL. |                 | Sun.<br>Hours. |                   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                 |          |                                                                         |                          | Direc. | Force<br>0-12 |         |              |                |                    |                                     | Form.      | Amt.<br>0-10. | Form.        | Amt.<br>0-10. |                              | 0-9.     | 7h-13h. | 13h-19h. | 15h-1h. |                      |                      |                             | 1h-7h.    | Day.<br>7h-13h. |                | Night.<br>13h-7h. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                 |          |                                                                         |                          |        |               |         |              |                |                    |                                     |            |               |              |               |                              |          |         |          |         |                      |                      |                             |           |                 |                |                   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                 |          |                                                                         |                          |        |               |         |              |                |                    |                                     |            |               |              |               |                              |          |         |          |         |                      |                      |                             |           |                 |                |                   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 <sup>rd</sup> | BENSON.  | 1005.1                                                                  | +1                       | -      | 0             | 6.4m    | 40           | 98             | 3                  | -                                   | Sc         | 10            | -            | -             | +                            |          |         |          |         |                      |                      |                             |           |                 |                |                   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

† The barometric change is expressed in half millibars.



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

| II.—ADDITIONS.                                |            |                               |              |                |      |         |                     |                           |              |                           |       |                |                                 |         |             |                       |             |             |          |            |        |                   |             |            |
|-----------------------------------------------|------------|-------------------------------|--------------|----------------|------|---------|---------------------|---------------------------|--------------|---------------------------|-------|----------------|---------------------------------|---------|-------------|-----------------------|-------------|-------------|----------|------------|--------|-------------------|-------------|------------|
| STATIONS CONTRIBUTING REPORTS AT 7H. AND 15H. |            |                               |              |                |      |         |                     |                           |              |                           |       |                |                                 |         |             |                       |             |             |          |            |        |                   |             |            |
| Report for                                    | STATION.   | BAROM.<br>at<br>M.S.L.<br>mb. | TEMP.<br>°F. | WIND.          |      | Weather | BAROMETER.          |                           | TEMPERATURE  |                           | WIND. |                | Direc.<br>of<br>Upper<br>Cloud. | Weather | Sea<br>0-9. | RAIN-<br>FALL.<br>mm. | TEMP.       |             | WEATHER. |            |        | Sunshine<br>Hours |             |            |
|                                               |            |                               |              | Force<br>0-12. | Dir. |         | At<br>M.S.L.<br>mb. | Change<br>in 24<br>hours. | Temp.<br>°F. | Change<br>in 24<br>hours. | Dir.  | Force<br>0-12. |                                 |         |             |                       | Max.<br>°F. | Min.<br>°F. | Morning. | Afternoon. | Night. |                   |             |            |
|                                               |            |                               |              |                |      |         |                     |                           |              |                           |       |                |                                 |         |             |                       |             |             |          |            |        |                   | 15h. G.M.T. | 7h. G.M.T. |
| 1 <sup>st</sup>                               | CASTLEBAY. | 996.9                         | 44           | E              | 1    | B       | 1004.1              | +4                        | 47           | 42                        | ENE   | 4              | NE                              | 6       | 4           | 4                     | 47          | 45          | ?        | ?          | rdob   | 0.0               |             |            |
| 2 <sup>nd</sup>                               | CASTLEBAY. | 1009.1                        | 49           | NW             | 3    | b       | 1007.8              | 0                         | 46           | -1                        | N     | 5              | -                               | 0       | 5           | 0.1                   | 51          | 43          | b        | b          | b.o.p. | 9.7               |             |            |
| 3 <sup>rd</sup>                               | CASTLEBAY. | 1009.7                        | 50           | NNE            | 4    | b       | 1013.7              | +1                        | 46           | 0                         | N     | 3              | -                               | 0       | 3           | 1                     | 50          | 42          | ?        | ?          | bcbo   | 3.4               |             |            |
| 4 <sup>th</sup>                               | CASTLEBAY. | 1014.2                        | 47           | N              | 4    | b       | 1013.7              | 0                         | 44           | -2                        | N     | 2              | -                               | 0       | 2           | 1                     | 50          | 43          | o.bc     | c.b        | bc     | 7.6               |             |            |
| 5 <sup>th</sup>                               | CASTLEBAY. | 1012.7                        | 45           | NW             | 2    | 0       | 1012.6              | 0                         | 43           | -1                        | NW    | 3              | -                               | 0       | 3           | 1                     | 48          | 40          | no       | o.c.o      | o.p.   | 0.6               |             |            |
| 6 <sup>th</sup>                               | CASTLEBAY. | 1013.2                        | 45           | NW             | 3    | 0       | 1011.6              | -1                        | 46           | +3                        | WSW   | 3              | SW                              | 0       | 4           | 1                     | 47          | 43          | o.p.o    | o.c.o      | o.r.o  | 0.5               |             |            |
| 7 <sup>th</sup>                               | CASTLEBAY. | 1007.8                        | 46           | SW             | 4    | 0       | 1000.1              | 0                         | 40           | -6                        | W     | 4              | -                               | 0       | 4           | 1                     | 48          | 38          | o.p.o    | o.bc.o     | o      | 4.8               |             |            |
| 8 <sup>th</sup>                               | CASTLEBAY. | 1004.3                        | 40           | NNW            | 3    | b       | 1006.0              | 0                         | 41           | +1                        | SSW   | 1              | SW                              | bc      | 2           | -                     | 42          | 36          | o.bc     | bc.b       | b.o.bc | 8.7               |             |            |
| 9 <sup>th</sup>                               | CASTLEBAY. | 1004.6                        | 43           | SW             | 2    | c       | 1002.0              | 0                         | 42           | +1                        | W     | 4              | W                               | bc      | 4           | 1                     | 43          | 38          | bc       | bc         | c.bc   | 8.8               |             |            |
| 10 <sup>th</sup>                              | CASTLEBAY. | 1003.3                        | 40           | N              | 3    | c       | 1003.4              | 0                         | 37           | -5                        | N     | 3              | W                               | bc      | 3           | -                     | 44          | 36          | bc       | bc         | c.b    | 11.4              |             |            |
| 11 <sup>th</sup>                              | STORNOWAY. | 1006.8                        | 42           | ENE            | 3    | bc      | 1002.9              | -3                        | 39           | +3                        | ENE   | 4              | -                               | 0       | 3           | -                     | 44          | 36          | bc       | bc         | bc.b   | 9.1               |             |            |
| 12 <sup>th</sup>                              | STORNOWAY. | 1004.4                        | 42           | NNE            | 4    | 0       | 999.9               | -3                        | 42           | +5                        | E     | 5              | -                               | 0       | 5           | -                     | 43          | 37          | bc       | c.o        | o.p.o  | 10.0              |             |            |
| 13 <sup>th</sup>                              | CASTLEBAY. | 997.8                         | 44           | ESE            | 5    | 0       |                     |                           |              |                           |       |                |                                 |         |             |                       |             |             | bc.c     | bc.c       |        |                   |             |            |
| 14 <sup>th</sup>                              | CASTLEBAY. | 993.6                         | 47           | NE             | 5    | 0       | 998.5               | ?                         | 46           | 14                        | E     | 5              | -                               | 0       | 6           | trace                 | 48          | 41          | o.p.o    | o.c.o      | o.p.o  | 0.9               |             |            |
| 15 <sup>th</sup>                              | CASTLEBAY. | 986.1                         | 46           | E              | 5    | 0       | 984.5               | 0                         | 47           | +1                        | ENE   | 4              | E                               | 0       | 4           | 1                     | 48          | 44          | o        | o          | o.p.c  | 0.0               |             |            |
| 16 <sup>th</sup>                              | CASTLEBAY. | 985.0                         | 50           | NE             | 4    | 0       | 985.9               | +1                        | 48           | +1                        | E     | 3              | -                               | 0       | 3           | 2                     | 53          | 46          | c.o.b    | b.o.p      | o.p.r  | ?                 |             |            |
| 17 <sup>th</sup>                              | STORNOWAY. | 983.0                         | 40           |                |      |         | 983.0               | 0                         | 46           | 0                         | S     | 3              | -                               | 0       | 2           | 1                     | 55          | 45          |          |            | o.p    | 4.4               |             |            |
| 18 <sup>th</sup>                              | CASTLEBAY. | 985.2                         | 47           | NW             | 2    | 0       | 982.1               | -1                        | 45           | -3                        | S     | 2              | -                               | 0       | ?           | 4                     | 48          | 43          | rd       | do         | ad.p.o | 0.0               |             |            |
| 19 <sup>th</sup>                              | STORNOWAY. | 980.3                         | 50           | ENE            | 2    | c       | 982.5               | +3                        | 45           | -1                        | -     | 0              | -                               | 0       | 0           | trace                 |             |             |          |            |        |                   |             |            |