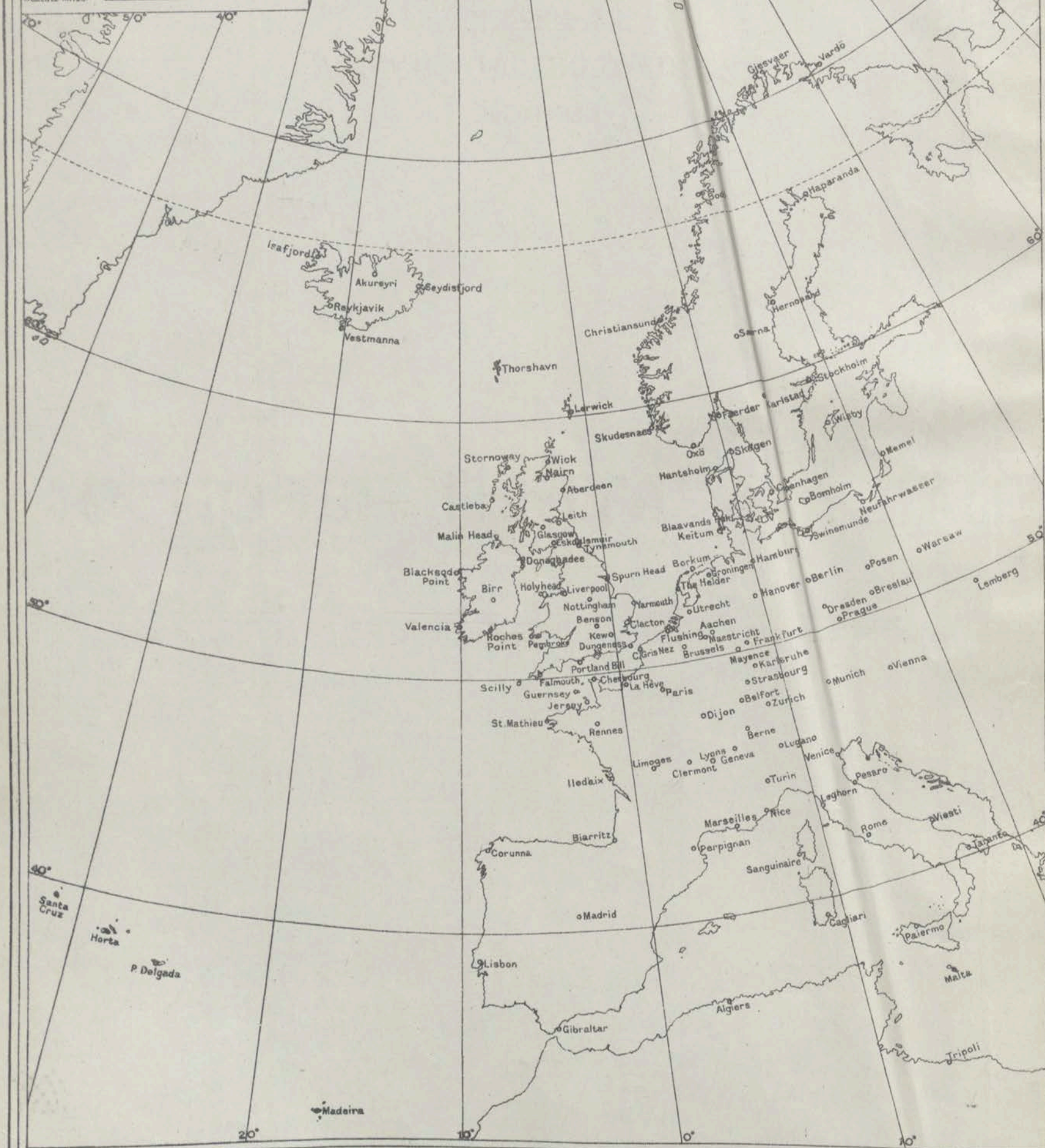
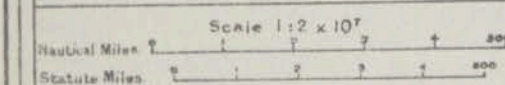


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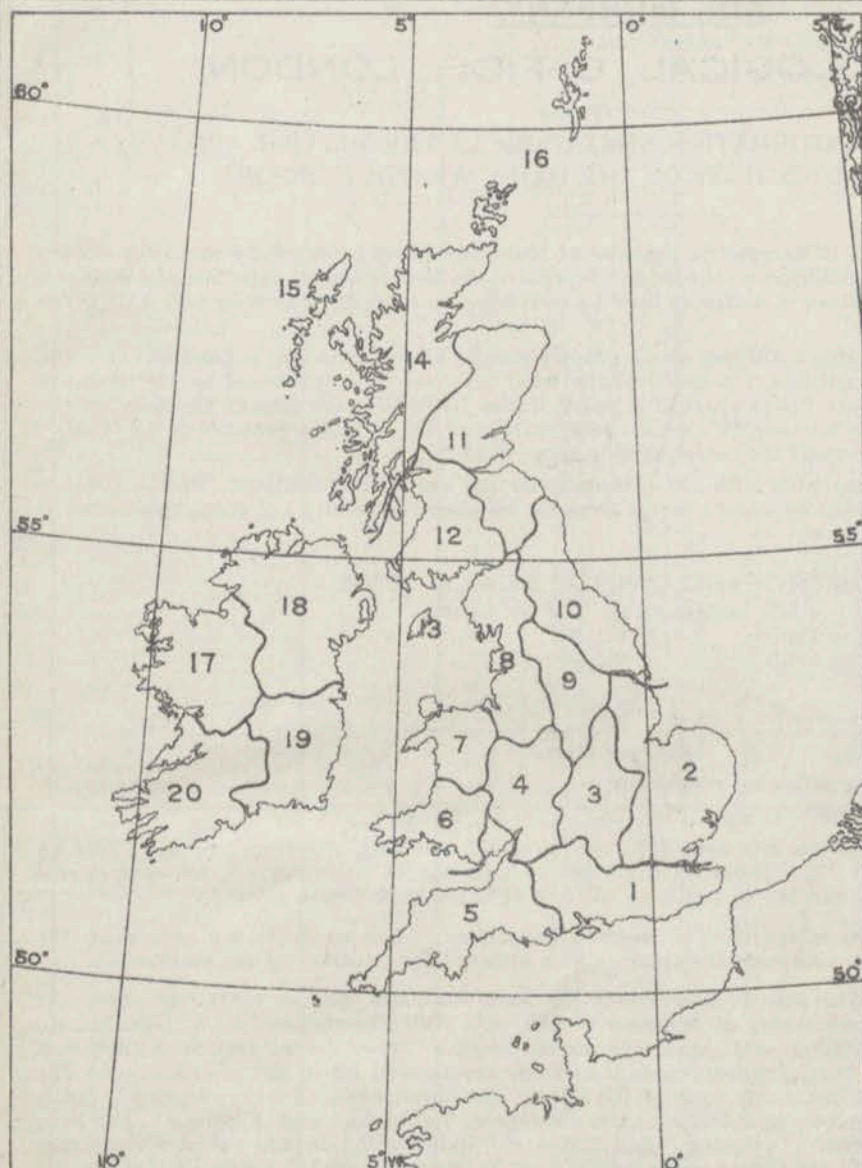
DAILY WEATHER REPORTS

1ST APRIL TO 30TH JUNE, 1920.

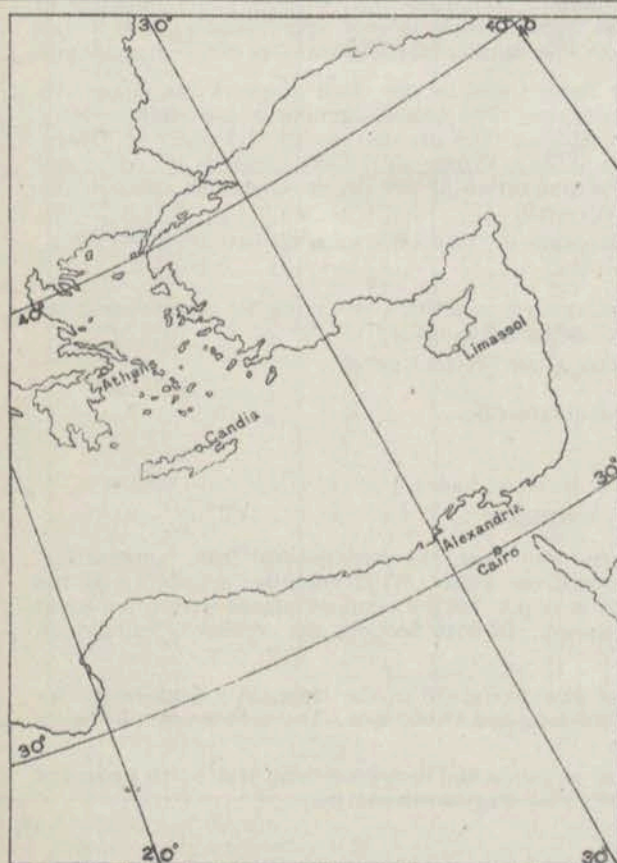
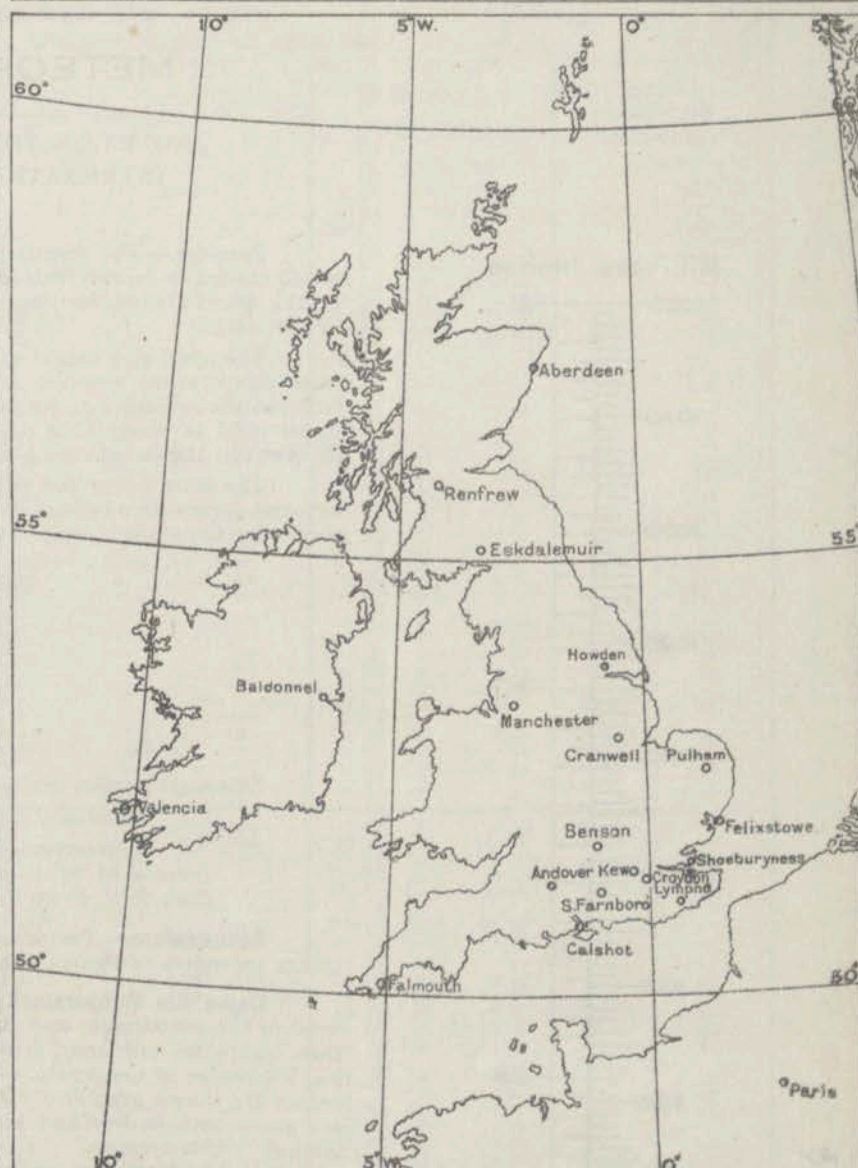
METEOROLOGICAL STATIONS.



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.

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 ❄️
Fog ☁️
Thunder ⚡️
Lightning ⚡️
Aurora 🌈
Rime ❄️
Glazed frost ❄️
Glazed roads ❄️
Snow lying ❄️

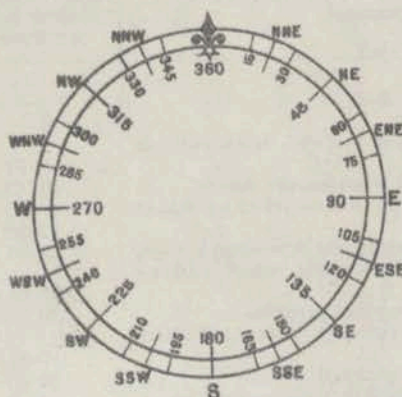
Suffixes 0 and 2 attached to Beaufort letters signify intensity, 0 = slight, 2 = heavy. Underlining is used to express continuity.

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

Millibars. Inches.



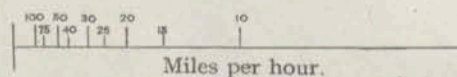
Pressure.—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on the British Section of the Report and for intervals of 4 millibars on the International Section. Values in millibars may be converted to mercury inches by the 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 SUNSH'NE. 1881-1915.	
		Means of				Absolute Extremes.							
		1906-1915.		1881-1915.		1881-1915.							
		Dry Bulb 7 a.m.	Daily Maxi- mum.	Daily Mini- mum.		Maximum.		Minimum.					
						Temp.	Year.	Temp.	Year.	Days with Rain.	Total Fall.	Daily Mean.	Per Cen- tage 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	1915	20	1908	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	43.3	49.8	40.0	70	1915	30	1881, 89, 1903, 05, 11	13	28	1.12	5.13	37
Yarmouth	1015.1	43.3	50.0	39.8	72	1885	27	1911	14	38	1.49	5.13	37
Clacton-on-Sea	1015.5	43.9	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	43.2	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	46.9	53.7	41.3	75	1908	26	1906	19	65	2.56	5.13	37
Castletown (Barra Isd.)	1014.5	48.2	54.2	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	53	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	51.5	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	1888, 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.										



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:
BRITISH SECTION. No. B21,376. *Tuesday...1st...June.....1920.*

STATIONS.	OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H.																					
	Barom. at M.S.L.	Change in 3 hours.	Wind.	Weather.	Temp.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.	Upper Cloud.	Sea.	Barom. at M.S.L.	Change in 3 hours.	Wind.	Weather.	Temp.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.	Upper Cloud.	Sea.
	mb.		Dir. Force 0-12.		°F.	%	0-9.	Feet.	Form. Amt. 0-10.	Form. Amt. 0-10.	0-9.	mb.		Dir. Force 0-12.		°F.	%	0-9.	Feet.	Form. Amt. 0-10.	Form. Amt. 0-10.	0-9.
13H. G.M.T. of 31st May																						
Renfrew	1018.2	0	SSW 5	dr 23f	50	92	6	1250	Nb	10	-	1017.4	-1	SSW 5	dr 23f	54	92	6	750	St	10	-
Esksdalemuir	1019.8	+1	SW 5	0	50	75	7	2000	Str	9	1.5	1019.6	0	SSW 4	dr 23f	54	92	6	750	St	10	-
Valencia (Cahire'n)	1026.9	+2	SW 4	dr 23f	56	85	7	2000	Str	10	-	1027.9	+1	WSW 4	dr 23f	56	85	7	1250	St	10	-
Baldonnel	1022.3	-3	SSW 5	dr 23f	59	85	6	2000	Str	10	-	1023.7	+1	SW 5	dr 23f	55	92	4	1250	Nb	10	-
18H. G.M.T. of 31st May																						
Didsbury	1023.2	+2	SSW 5	0	55	65	5	3000	Str	8	AS	1023.7	0	WSW 5	0	54	75	7	2000	Str	10	-
Falmouth	1028.6	+2	WNW 4	0	61	65	7	-	Str	9	-	1029.0	0	WNW 4	0	58	75	7	-	Str	9	-
Calshot (Hants)	1028.5	+2	NW 3	C	60	55	8	2000	Str	5	2	1028.8	+1	NW 4	CV	60	65	9	3000	St	6	Acu 2
Lympne (Folkestone)	1023.6	+2	WNW 4	0	59	65	7	4200	Str	7	-	1027.2	+1	W 3	C	59	65	8	4000	Str	1	Acu 7
1H. G.M.T. of 1st June																						
Aberdeen	1014.8	-2	SE 2	0	60	45	8	-	Str	3	AS	1013.7	-2	SSW 3	CZ	58	75	6	-	Str	8	-
Howden	1021.7	+1	WNW 4	0	56	75	7	3000	Str	9	-	1021.3	+1	NNE 3	dr 23f	53	85	6	2000	St	7	Acu 3
Cranwell (Lincoln)	1023.3	+2	N 4	0	58	65	6	4200	Str	8	1	1024.4	+2	WSW 5	dr 23f	57	65	6	2000	Nb	8	Acu 2
Felixstowe	1023.3	+2	WNW 3	C	62	55	7	4200	Str	3	-	1024.7	+2	WNW 2	0	61	65	7	5750	Str	2	Acu 8
Shoeburyness	1023.5	+2	NNW 3	bcy	63	55	7	4200	Str	3	AS	1024.8	+1	NNW 1	bc	61	65	7	-	-	-	Acu 5
Benson	1024.0	+5	NW 3	C	60	55	6	-	Str	7	-	1025.6	0	WSW 2	0	59	55	6	-	St	10	-
S. Farnborough	1024.6	+2	W 3	0	64	55	8	2000	Str	6	AS	1025.7	+1	W 3	C	63	65	7	2000	Str	3	Acu 5
London (Kew Obs.)	1024.4	+3	W 3	Cy	61	55	8	5700	Str	4	AS	1025.5	+2	W 2	0	60	55	9	3500	Str	2	Acu 7
Croydon	1024.6	+3	WNW 3	C	61	85	8	4200	Str	4	AS	1025.7	+2	WNW 3	0	59	65	8	4000	Str	1	Acu 8
7H. G.M.T. of 1st June																						
Renfrew	1020.2	+2	WSW 4	0	51	85	6	-	Str	10	-	1021.7	0	SW 4	dr 23f	53	94	4	1250	Nb	10	-
Esksdalemuir	1020.2	+2	WSW 4	0	51	85	6	-	Str	10	-	1022.6	+2	SW 5	dr 23f	53	94	4	2000	St	10	-
Valencia (Cahire'n)	1028.6	0	WSW 2	bc	53	-	-	-	-	-	-	1030.5	+1	SW 3	0	53	92	7	750	St	10	-
Baldonnel	1025.8	0	SW 4	dr 23f	54	97	3	4000	Nb	10	-	1027.1	-2	SSW 5	dr 23f	53	92	5	1250	St	6	Acu 3
24 HOURS ENDED 7H. of 1st June																						
Didsbury	1020.5	0	NNW 5	0	54	85	7	-	St	10	-	1020.7	+1	W 4	dr 23f	56	92	4	1250	Nb	10	-
Falmouth	1030.3	0	NNW 5	0	54	85	7	-	St	10	-	1030.7	+2	NNW 3	dr 23f	54	92	5	-	Nb	10	-
Calshot (Hants)	1028.5	0	WSW 3	0	55	85	8	3000	St	10	-	1028.8	0	W 2	0	57	85	8	750	St	10	-
Lympne (Folkestone)	1026.3	+1	-	0	52	85	7	3000	Str	10	-	1027.5	0	NN 3	0	53	92	6	4200	Str	10	-
STATIONS CONTRIBUTING REPORTS AT 7H. AND 19H.																						
STATIONS.	Barom. at M.S.L.	Temp.	Wind.	Weather.	Barom. at M.S.L.	Temp.	Wind.	Weather.	Barom. at M.S.L.	Temp.	Wind.	Weather.	Barom. at M.S.L.	Temp.	Wind.	Weather.	Sunshine					
	mb.	°F.	Dir. Force 0-12.		mb.	°F.	Dir. Force 0-12.		mb.	°F.	Dir. Force 0-12.		mb.	°F.	Dir. Force 0-12.		Hours.					
19H. G.M.T. of 31st May																						
Lerwick	1008.9	49	S 4	omd	1010.5	0	49	+2	WSW 4	W	cm	4	2	52	44	bc	omd	cm	0	4.6		
Stornoway	1014.2	52	W 5	0	1014.7	+1	50	+4	WSW 5	-	0	4	2	55	48	od	od	od	0	1.0		
Castletown (Barra)	1016.6	52	W 5	0	1018.9	0	51	+2	W 3	-	0	3	2	53	48	od	od	od	0	1.0		
7H. G.M.T. of 1st June																						
Malin Head	1018.7	52	W 4	fe	1021.3	0	51	+3	W 4	-	om	4	3	54	47	od	om	om	0	0.0		
Blacksod Point	1021.8	54	SW 2	om	1024.4	0	53	+1	SW 3	-	om	3	2	55	50	od	om	om	0	0.0		
Roche's Point	1026.7	59	W 3	C	1030.0	+1	53	+1	WSW 2	NN	0	2	0.2	62	51	C	od	od	0	0.0		
Birr Castle	1024.1	56	SW 3	0	1027.8	0	54	+3	W 3	-	C	1	1	56	48	om	om	om	0	0.0		
Donaghadee	1019.2	38	W 3	om	1023.7	+2	57	+7	WSW 2	W	bc	2	1	59	48	om	om	om	0	0.0		
Liverpool (Bidston)	1023.2	52	WSW 2	r	1026.8	+2	55	+4	W 5	W	0	4	3	56	51	od	od	od	0	2.4		
Holyhead	1023.1	51	SW 4	od	1026.8	+1	54	+4	SSW 3	-	cf	1	2	55	49	od	od	od	0	0.0		
Pembroke (St. Ann's Head)	1027.0	53	WSW 3	0	1029.6	+1	51	0	WSW 3	-	od	3	trace	55	51	C	od	od	0	5.1		
Scilly (St. Mary's)	1029.2	55	NNW 3	C	1031.4	0	53	+1	NNW 2	NN	0	3	-	60	52	C	bc	bc	0	6.6		
Jersey (St. Aubin)	1029.1	57	NW 4	b	1030.5	0	55	0	NNW 4	-	0	3	-	59	53	bc	bc	bc	0	10.3		
Portland Bill	1026.0	58	NW 4	bc	1028.3	+2	57	+3	NNW 4	-	C	4	-	58	51	bc	bc	bc	0	0.0		
Dungeness	1024.6	58	WSW 3	bc	1027.5	+1	55	+1	WSW 2	-	C	3	-	66	49	C	bc	bc	0	0.0		
Wick	1019.6	55	WSW 2	0	1016.2	0	50	+1	WSW 1	-	om	1	1	57	45	C	om	om	0	0.0		
Nairn	1013.1	56	SW 2	C	1014.3	0	51	-2	NNW 2	-	cg	2	1	60	44	bc	bc	bc	0	2.0		
Leith	1016.0	57	W 2	0	1020.5	0	55	+2	W 2	-	0	2	0.4	58	52	bc	bc	bc	0	0.0		
24 HOURS ENDED 7H. of 1st June																						
Tynemouth	1018.9	55	WSW 2	om	1022.1	+2	57	+5	W 2	-	om	2	trace	59	51	bc	om	om	0	0.0		
Spurn Head	1022.6	56	W 5	0	1024.4	+1	57	+6	SW 4	-	0	4	-	59	50	bc	om	om	0	0.0		
Yarmouth (Dog Island)	1022.5	59	WNW 2	C	1025.3	+2	55	+4	NNW 2	-	om	2	1	63	51	bc	bc	bc	0	8.3		
Clacton-on-Sea	1024.2	61	WNW 3	C	1026.9	+2	56	+4	NNW 3	-	og	2	-	64	52	C	bc	bc	0	8.7		
Nottingham	1024.6	53	W 2	0	1026.3	0	57	+5	W 2	W	0	2	2	60	52	C	bc	bc	0	2.9		

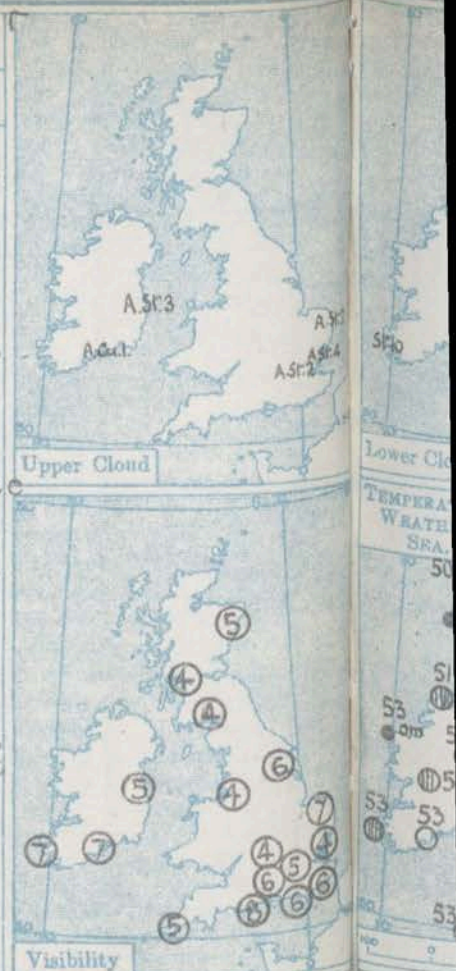
* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

§ For code see page 3.

SUMMARY OF CONDITIONS AT 7 h.m. G.M.T. Tuesday, 1st June, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	W-NW.2-10	Moderate	Dull, slight mist.	Fair.	Smooth.
2. E. England	W'ly.2-10	"	Dull, slight local mist.	"	"
3. E. Midlands	W'ly.2-10	R.Warm.	Dull.	Indiff.	-
4. W. Midlands	W'ly.2-10	"	Dull.	"	-
5. S.W. England	W-NW.5-15	Moderate	Cloudy or dull, local mist.	"	Slight.
6. South Wales	WSW.5-10.	"	Dull, some local fog.	V. Poor	"
7. North Wales	SSW-W.5-15.	"	Cloudy, some local fog.	"	Smooth
8. N.W. England	SW-W.10-20	R.Warm.	Dull, local mist or drizzle.	Poor.	Moderate
9. N. Midlands	W'ly.5-15	"	Dull.	"	-
10. N.E. England	SW-WNW.5-15	"	Dull, mist in North.	Indiff.	Slight.
11. E. Scotland	W'ly.0-5	Moderate	Cloudy or dull, local mist.	"	Smooth
12. S.W. Scotland	SW-W.10-20	R.Warm.	Dull, local mist or drizzle.	Poor.	"
13. Isle of Man	SW-W.5-15	Moderate.	Fair to dull, some mist.	"	"
14. N. & N.W. Scotland	W'ly.2-10	"	Cloudy or dull, mist in North.	Indiff.	Slight.
15. Hebrides	W'ly.10-20	"	Dull, drizzle in South.	Fair.	Moderate
16. Orkneys and Shetlands	WSW.10-15.	"	Cloudy, misty.	Poor.	Smooth
17. N.W. Ireland	SW-W.10	"	Dull, misty, local drizzle.	"	Slight
18. N.E. Ireland	SW-W.5-15	R.Warm.	Fair to dull, misty.	"	"
19. S.E. Ireland	SW-W.10-20	"	Cloudy.	Indiff.	Smooth
20. S.W. Ireland	SW-W.5-10	Moderate	Variable sky.	Good.	Slight



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

A depression between Iceland and Norway is moving East and the barometer is rising slowly generally. There are, however, some slight irregularities in the pressure increase over the British Isles which probably indicate very slight local depressions. Occasional drizzling rain or showers may, therefore, be expected locally, but as a whole the weather will be cloudy or fair.

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

Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 1st June, 1920.

Districts.	Forecast for the 24 hours commencing 15h. G.M.T. Tuesday, 1st June, 1920.
1. S.E. England	Wind mainly from West, light; cloudy to fair; some drizzle or showers locally; some coastal mist or fog in the West; visibility fair to good; day temperature moderate or rather low.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	Wind Westerly, light or moderate; dull to cloudy or fair; some rain or drizzle; visibility fair; moderate or rather low day temperature.
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	Wind between South-West and West; light or moderate; cloudy or dull; some showers locally, mainly in West; fair intervals, some coastal mist; visibility fair to good generally; moderate or rather low 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	

Further Outlook.

A Westerly to South-Westerly type of weather, with a variable amount of cloud and some local showers seems probable.

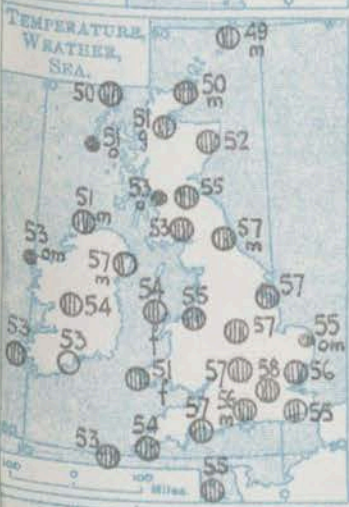
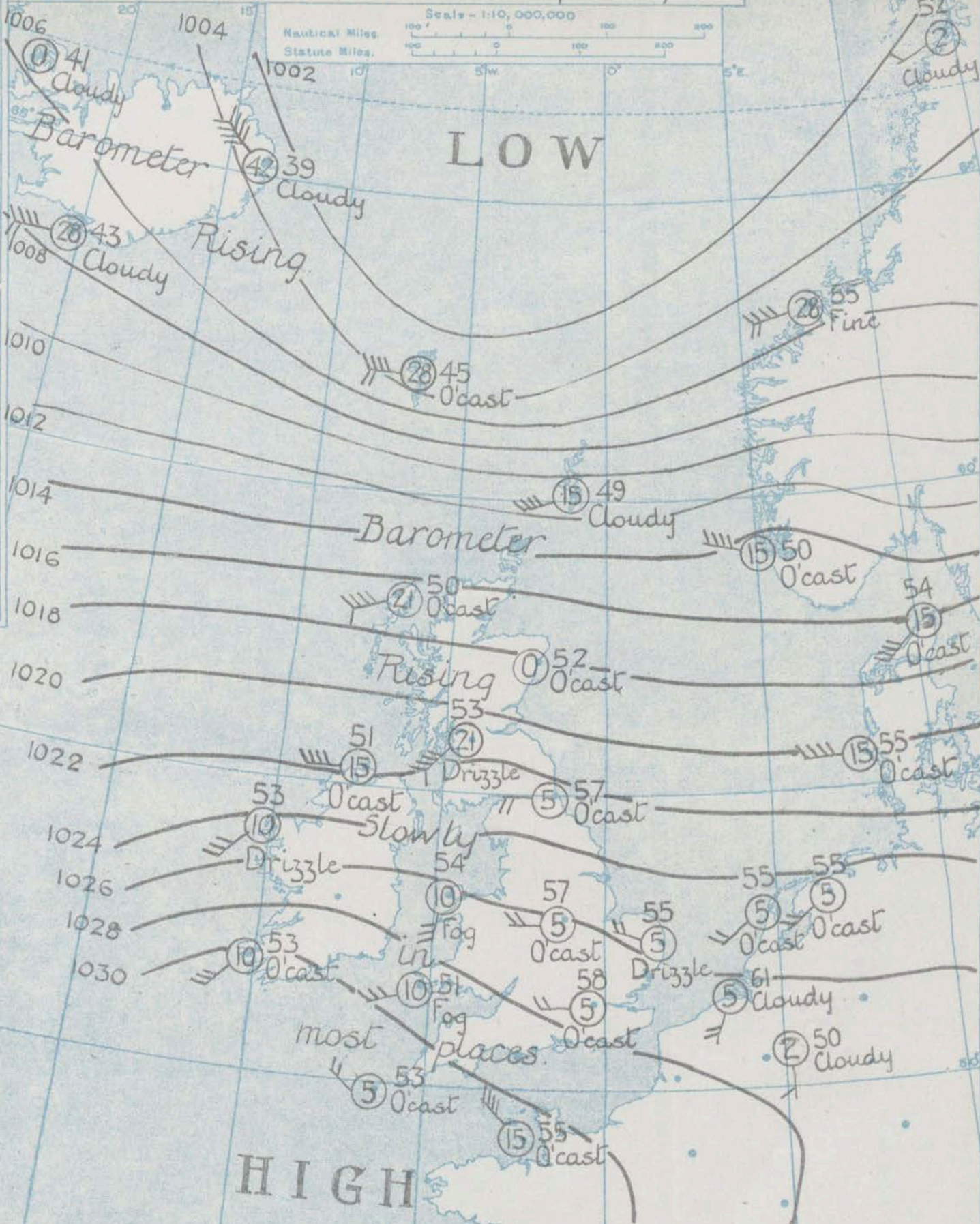
SYNOPTIC CHART FOR MORNING OF TUESDAY, 1ST JUNE, 1920.

Scale - 1:10,000,000

Nautical Miles
Statute Miles.

LOW

HIGH



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

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

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
6. Fair	12,000
7. Good	20,000
8. Very Good. Objects visible beyond 20,000	(12.4)
9. Excellent. Exceptional visibility	(12.4)

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 31st May																			
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 ...	od.	ro.	54	46	1	3	0.0	?	England, N.W.	Douglas (I.O.M.)	*	*	52	48	1	13	0.0	?
	Banff ...	o.c.	fo.	60	48	0	2	2.2	0.0		Blackpool ...	c	of	57	50	1	2	1.9	4.9
	Montrose ...	b. bc	bc	61	45	-	-	6.5	?		Southport ...	c.o.c.o	of	?	51	0.3	1	0.0	4.2
	St. Andrews ...	*	*	59	44	-	1	7.6	?										
England, N.E.	Harrogate ...	b. bc. of	bc. c. of	57	45	1	0.2	4.1	3.9	Midlands.	Buxton ...	c. bc	bc. c.	53	45	2	0.1	0.2	?
	Scarborough ...	b	o	65	47	-	-	5.8	?		Leamington Spa ...	c	c	60	49	0.2	-	6.0	?
	Skegness ...	o	bc	61	49	0.1	-	2.0	?		Malvern ...								
	Lowestoft ...	bc. c	c	60	51	1	-	6.5	5.8		Ross-on-Wye ...	bc. c.	c. bc. of	65	47	0.2	-	3.6	0.8
England, E.	Felixstowe ...	bc. of	bc	64	53	3	-	8.6	5.9	Wales.	Bath ...	bc. c.o	bc. c.o	59	48	-	-	2.6	3.5
	Southend-on-Sea ...	o.c. bc. v	bc. c.	66	49	-	-	8.4	8.1		Rhyl ...	c. bc	ch	61	50	0.2	1	0.8	5.0
											Colwyn Bay ...	*	*	57	49	-	1	2.4	4.0
											Llandudno ...	c. o	of. o.	55	50	0.1	0.4	2.2	5.1
England, S.E.	Tunbridge Wells ...	c. bc	bc. c	66	46	-	-	8.3	5.9	England, S.W.	Aberystwyth ...	c. bc	c. of	55	50	-	1	2.5	?
	Margate ...	b	b	64	52	-	-	9.5	8.9		Swansea ...	*	*	59	47	-	-	3.8	?
	Ramsgate ...	*	*	63	49	0.3	-	9.8	?		Weymouth ...	c	c. bc	65	48	-	-	9.0	?
	Folkestone ...	of. c.	c	63	50	-	-	7.2	6.0		Teignmouth ...	bc	bc	65	49	0.3	-	10.5	?
	Hastings ...	c. bc	b. bc	64	50	-	-	7.2	8.9		Torquay ...	bc	bc. of	65	50	-	-	11.1	4.7
	Eastbourne ...	c. bc	bc	62	?	-	-	8.5	10.4		Paignton ...	bc	bc	67	48	-	-	10.9	?
	Brighton ...	c	c	66	50	-	-	7.3	6.2		Penzance ...	c. bc.	bc. c.	61	49	-	-	7.3	9.3
	Worthing ...	bc	bc	65	48	-	-	10.1	7.9		Newquay ...	b. bc	bc. b. o.	68	51	-	-	6.5	9.0
	Littlehampton ...	bc	bc	64	47	-	-	8.3	?		Bude ...	c. bc.	bc. c.	59	51	-	-	9.2	?
	Portsmouth (S. Sea) ...	*	*	64	48	-	-	11.2	7.4		Ilfracombe ...	c. bc. c.	c. o.	57	52	-	-	7.6	?
	Bournemouth ...	*	*	64	46	-	-	10.5	8.0		Weston-s-Mare ...	bc. c.	c	58	53	-	-	2.8	?
	Ventnor (I. of W.) ...	*	*	60	49	-	-	11.0	10.5		Tenby (Wales) ...	c. bc	c. bc. of	58	53	-	0.2	5.1	?

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.	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-19h.	19h-1h.	1h-7h.				Day. 7h-19h.	Night. 19h-7h.					
Renfrew	fg	fg		0.2 f	*	*	*	mm.	mm.	*	Capital letters indicate intensity, and repetition of letters denotes, thus— R = heavy rain. rr = continuous moderate rain. r.t. = continuous light rain.				
Eskdalemuir	o. o	o. o	o	0.02 f	53	47	48	1	0.3	0.4					
Valencia (Cahirciveen)	o	o	o	0	57	52	50	-	-	0.1					
Baldonnel	gp	o. r	gr	gpd	59	?	*	1	trace	0.5					
Didsbury	up	om	to	0.2 f	56	50	46	trace	2	*	Symbols— Aurora ☄ Solar halo ☉ Rime ☃ Lunar halo ☾ Glazed frost ☄ Solar corona ☉ Glazed roads ☄ Lunar corona ☾				
Falmouth	bc. of	c. o	o	0.02 f	62	53	63	-	-	5.6					
Calshot (Hants)	c. o	c. o. v.	b. bc. c	o	63	53	54	-	-	10.5					
Lympne (Folkestone)	oc. p	c. a. z	c. o. f	o. f	62	50	47	-	-	7.6					
Aberdeen	b. bc	of. c. z	c. o. f	63	49	43	0.4	-	-	7.4	Vertical Component of Solar Radiation per Square Centimetre during yesterday.				
Howden	q. c. o	1. f	0.02 f	c. o. o. f	59	45	50	20	2	5.0					
Cranwell (Lincs)	c. o	c. o.	bc. c. o												
Felixstowe	bc. bc	bc. c. o.	o. f. o.	64	55	*	*	*	*	*					
Shoeburyness	bc. of	bc. c.	bc. c. of	65	52	46	-	-	-	9.3	Total 1831 Joules. Milliwatts. Average Rate 31.4 Maximum Rate 97				
Benson	c	bc	c. o	63	51	45	-	-	-	*					
S. Farnborough	c. bc	cy. bc.	c. o. p. o. f	66	57	49	-	0.1	9.8						
London (Kew Obs.)	bc. c. cy	cy. of. b.	o. 0.2 f	63	53	45	-	trace	7.0						
Croydon	cm. o. b.	c. o	o. f. p	o. c. f	63	51	*	-	0.4	*					

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.		Rainfall.		Sunshine to Sunset.		Humidity %		Vertical Component of Solar Radiation per Square Centimetre during yesterday.		15th & 2nd June 1920.					
Greenwich (Royal Observatory)	c. o	o	od. r. o	br. y	51	47	1	7.7	54	48									
City (Bunhill Row)	*	*	*	*	*	*	*	7.0	*	*									
Westminster (St. James's Park)	*	*	ob. r. m.	65	53	47	1	7.0	50	51									
(Admiralty Arch)	bc. v	cr	op. r. o. c.	br. y	54	*	1	8.0	54	52									
Camden Sq. (British Rainfall)	o. c. bc	bc. c	*	70	54	50	1	*	52	48									
Kensington Palace	c	bc. o	*	65	50	51	2	*	58 (18h)	51									
Hampstead Observatory	*	*	*	63	51	*	1	7.4	*	55									
												Yarmouth ...		3.38		11.51		8.4	
												Greenwich		3.37		11.51		8.5	
												Wick		3.51		11.58		8.6	
												Valencia ...		4.29		12.49		9.4	

STATIONS.

SUMMARIES FOR PAST 24 HOURS.

BEAUFORT NOTATION.

THE BEAUFORT SCALE OF WIND FORCE.

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

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

Limits of Velocity at about 33 feet above ground.		
No.	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.5-3.5
3	8-12	2.4-5.4
4	13-18	3.5-7.9
5	19-24	5.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	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.

Min. Temp.

Min. on Grass.

Rainfall.

Sunshine to Sunset.

Humidity %

15h.

9h.

G.M.T.

G.M.T.

G.M.T.

G.M.T.

G.M.T.

G.M.T.

G.M.T.

G.M.T.

G.M.T.

G.M.T.

G.M.T.

SOUTH KENSINGTON (Meteorological Office).

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

Vertical Component of Solar Radiation per Square Centimetre during yesterday.

1st & 2nd June, 1920.

Total 1831 Joules.

Stations.

Average Rate 31.4 Milliwatts.

Sunrise.

Maximum Rate 97

Noon.

Sunset.

G.M.T.

Photographic Record of

NOTES ON THE WEATHER OF YESTERDAY.

Pole Star (Polaris) and of δ Ursae

Minors at Greenwich Observatory.

Exposure from 3^h 42^m to 3^h 52^m to 4^h 02^m to 4^h 12^m to 4^h 22^m to 4^h 32^m to 4^h 42^m to 4^h 52^m to 5^h 02^m to 5^h 12^m to 5^h 22^m to 5^h 32^m to 5^h 42^m to 5^h 52^m to 6^h 02^m to 6^h 12^m to 6^h 22^m to 6^h 32^m to 6^h 42^m to 6^h 52^m to 7^h 02^m to 7^h 12^m to 7^h 22^m to 7^h 32^m to 7^h 42^m to 7^h 52^m to 8^h 02^m to 8^h 12^m to 8^h 22^m to 8^h 32^m to 8^h 42^m to 8^h 52^m to 9^h 02^m to 9^h 12^m to 9^h 22^m to 9^h 32^m to 9^h 42^m to 9^h 52^m to 10^h 02^m to 10^h 12^m to 10^h 22^m to 10^h 32^m to 10^h 42^m to 10^h 52^m to 11^h 02^m to 11^h 12^m to 11^h 22^m to 11^h 32^m to 11^h 42^m to 11^h 52^m to 12^h 02^m to 12^h 12^m to 12^h 22^m to 12^h 32^m to 12^h 42^m to 12^h 52^m to 1^h 02^m to 1^h 12^m to 1^h 22^m to 1^h 32^m to 1^h 42^m to 1^h 52^m to 2^h 02^m to 2^h 12^m to 2^h 22^m to 2^h 32^m to 2^h 42^m to 2^h 52^m to 3^h 02^m to 3^h 12^m to 3^h 22^m to 3^h 32^m to 3^h 42^m to 3^h 52^m to 4^h 02^m to 4^h 12^m to 4^h 22^m to 4^h 32^m to 4^h 42^m to 4^h 52^m to 5^h 02^m to 5^h 12^m to 5^h 22^m to 5^h 32^m to 5^h 42^m to 5^h 52^m to 6^h 02^m to 6^h 12^m to 6^h 22^m to 6^h 32^m to 6^h 42^m to 6^h 52^m to 7^h 02^m to 7^h 12^m to 7^h 22^m to 7^h 32^m to 7^h 42^m to 7^h 52^m to 8^h 02^m to 8^h 12^m to 8^h 22^m to 8^h 32^m to 8^h 42^m to 8^h 52^m to 9^h 02^m to 9^h 12^m to 9^h 22^m to 9^h 32^m to 9^h 42^m to 9^h 52^m to 10^h 02^m to 10^h 12^m to 10^h 22^m to 10^h 32^m to 10^h 42^m to 10^h 52^m to 11^h 02^m to 11^h 12^m to 11^h 22^m to 11^h 32^m to 11^h 42^m to 11^h 52^m to 12^h 02^m to 12^h 12^m to 12^h 22^m to 12^h 32^m to 12^h 42^m to 12^h 52^m to 1^h 02^m to 1^h 12^m to 1^h 22^m to 1^h 32^m to 1^h 42^m to 1^h 52^m to 2^h 02^m to 2^h 12^m to 2^h 22^m to 2^h 32^m to 2^h 42^m to 2^h 52^m to 3^h 02^m to 3^h 12^m to 3^h 22^m to 3^h 32^m to 3^h 42^m to 3^h 52^m to 4^h 02^m to 4^h 12^m to 4^h 22^m to 4^h 32^m to 4^h 42^m to 4^h 52^m to 5^h 02^m to 5^h 12^m to 5^h 22^m to 5^h 32^m to 5^h 42^m to 5^h 52^m to 6^h 02^m to 6^h 12^m to 6^h 22^m to 6^h 32^m to 6^h 42^m to 6^h 52^m to 7^h 02^m to 7^h 12^m to 7^h 22^m to 7^h 32^m to 7^h 42^m to 7^h 52^m to 8^h 02^m to 8^h 12^m to 8^h 22^m to 8^h 32^m to 8^h 42^m to 8^h 52^m to 9^h 02^m to 9^h 12^m to 9^h 22^m to 9^h 32^m to 9^h 42^m to 9^h 52^m to 10^h 02^m to 10^h 12^m to 10^h 22^m to 10^h 32^m to 10^h 42^m to 10^h 52^m to 11^h 02^m to 11^h 12^m to 11^h 22^m to 11^h 32^m to 11^h 42^m to 11^h 52^m to 12^h 02^m to 12^h 12^m to 12^h 22^m to 12^h 32^m to 12^h 42^m to 12^h 52^m to 1^h 02^m to 1^h 12^m to 1^h 22^m to 1^h 32^m to 1^h 42^m to 1^h 52^m to 2^h 02^m to 2^h 12^m to 2^h 22^m to 2^h 32^m to 2^h 42^m to 2^h 52^m to 3^h 02^m to 3^h 12^m to 3^h 22^m to 3^h 32^m to 3^h 42^m to 3^h 52^m to 4^h 02^m to 4^h 12^m to 4^h 22^m to 4^h 32^m to 4^h 42^m to 4^h 52^m to 5^h 02^m to 5^h 12^m to 5^h 22^m to 5^h 32^m to 5^h 42^m to 5^h 52^m to 6^h 02^m to 6^h 12^m to 6^h 22^m to 6^h 32^m to 6^h 42^m to 6^h 52^m to 7^h 02^m to 7^h 12^m to 7^h 22^m to 7^h 32^m to 7^h 42^m to 7^h 52^m to 8^h 02^m to 8^h 12^m to 8^h 22^m to 8^h 32^m to 8^h 42^m to 8^h 52^m to 9^h 02^m to 9^h 12^m to 9^h 22^m to 9^h 32^m to 9^h 42^m to 9^h 52^m to 10^h 02^m to 10^h 12^m to 10^h 22^m to 10^h 32^m to 10^h 42^m to 10^h 52^m to 11^h 02^m to 11^h 12^m to 11^h 22^m to 11^h 32^m to 11^h 42^m to 11^h 52^m to 12^h 02^m to 12^h 12^m to 12^h 22^m to 12^h 32^m to 12^h 42^m to 12^h 52^m to 1^h 02^m to 1^h 12^m to 1^h 22^m to 1^h 32^m to 1^h 42^m to 1^h 52^m to 2^h 02^m to 2^h 12^m to 2^h 22^m to 2^h 32^m to 2^h 42^m to 2^h 52^m to 3^h 02^m to 3^h 12^m to 3^h 22^m to 3^h 32^m to 3^h 42^m to 3^h 52^m to 4^h 02^m to 4^h 12^m to 4^h 22^m to 4^{h</}



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 21377

WEDNESDAY, 2ND JUNE.....1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H.																																							
STATIONS.	BAROM. at M.S.L.	Change in 3 hours.	WIND. Direc.	Force 0-12.	Weather.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.	BAROM. at M.S.L.	Change in 3 hours.	WIND. Direc.	Force 0-12.	Weather.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.											
	mb.														mb.																								
13H. G.M.T. 1 ST																																							
Renfrew	1022.8	+1	SW	3	ad.	54	97	4	1,250	Nb	10	-	-	*	1022.9	0	SW	4	ad.	55	92	6	1,250	Nb	10	-	-	*											
Esksdalemuir	1023.0	+2	WSW	5	o	59	75	7	3,000	St Cu	10	-	-	*	1022.4	-1	WSW	4	c	61	85	7	2,000	St	6	Cl. St	2	*											
Valencia (Cahire's)	1031.6	12	SW	3	om	56	92	6	750	St	10	-	-	3	1031.8	0	WSW	3	om	55	92	6	750	St	10	-	-	3											
Baldonnell	1027.7	11	WSW	5	oz	61	95	6	2,000	St	10	-	-	*	1028.2	0	WSW	5	o	58	92	6	1,250	St	10	-	-	*											
Didsbury	1026.4	0	W	5	b	67	55	5	4,200	Cu	1	Cl	2	*	1026.6	0	WNW	4	o	61	65	5	5,750	St Cu	10	-	-	*											
Falmouth	1031.3	0	NW	4	b	63	75	7	-	-	-	-	-	*	1030.9	-1	NNW	4	bz	58	75	3	-	St Cu	1	-	-	*											
Calshot (Hants)	1024.8	0	WSW	3	bz	66	65	7	2,000	St Cu	3	Cl. Sc	1	1	1027.4	-2	WSW	3	bz	64	75	7	1,250	St Cu	3	-	-	1											
Lympne (Folkstone)	1029.0	11	SSW	1	omg	60	92	6	1,250	St	10	-	-	*	1022.0	-1	S	2	omg	62	92	6	2,000	St	10	-	-	*											
Aberdeen	1018.1	0	-	0	o	57	85	8	-	St	10	-	-	2	1018.4	0	ESE	2	o	53	97	6	-	Nb	10	-	-	2											
Howden	1025.3	0	W	6	oz	67	68	6	4,200	St Cu	6	Cl	2	*	1025.3	+1	WNW	5	o	62	75	6	4,200	St Cu	8	Acu	2	*											
Cranwell (Lincs)	1026.5	0	WNW	4	bz	67	75	6	4,200	Cu	2	Acu	3	*	1025.0	-1	W	4	bc	67	75	6	4,200	St Cu	5	Cl	1	*											
Felixstowe	1027.8	0	W	2	o	66	65	4	3,000	Cu	10	-	-	*	1026.5	-2	SSW	2	c	62	85	5	3,000	St Cu	2	Cl	5	1											
Shoeburyness	1027.7	+1	SW	2	o	66	65	7	3,000	St Cu	7	Acu	3	*	1026.5	0	-	0	bz	70	65	6	-	Cu	2	Cl. St	3	*											
Benson	1026.9	0	WSW	2	c	73	65	5	-	Cu	7	-	-	*	1026.8	-1	WSW	2	b	70	65	7	-	Cu	2	-	-	*											
S. Farnborough	1028.2	0	WNW	3	oz	68	65	6	2,000	St Cu	9	-	-	*	1027.2	-2	W	2	bc	70	65	7	2,000	Cu	4	Cl. St	2	*											
London (Kew Obs)	1028.1	-1	SW	2	om	67	65	7	4,200	St Cu	4	Acu	2	*	1026.8	-2	NW	2	bz	73	53	8	5,750	Cu	1	Cl	2	*											
Croydon	1029.2	0	WNW	2	o	66	75	6	2,000	St	8	Acu	1	*	1026.6	-2	WNW	1	bc	71	65	8	3,000	Cu	2	Acu	3	*											
7H. G.M.T. OF 2 ND																																							
Renfrew	1023.6	0	W	5	oz	54	85	7	2,000	St	8	Acu	2	*	1024.6	0	SW	4	o	55	85	6	2,000	St Cu	10	-	-	0	*										
Esksdalemuir	1023.1	0	W	2	o	52	85	7	-	St	8	Acu	2	2	1024.8	+2	W	4	o	54	85	6	2,000	St	10	-	-	0	*										
Valencia (Cahire's)	1029.1	0	W	2	o	52	85	7	-	St	8	Acu	2	2	1032.1	+1	W	1	bc	50	97	5	750	St	10	-	-	0	2										
Baldonnell	1029.1	0	SW	4	oz	55	97	4	750	Nb	10	-	-	0	1029.6	+1	WSW	3	o	55	92	5	4,500	St	10	-	-	0	*										
Didsbury	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1027.2	+1	W	3	d	55	92	3	750	St	10	-	-	-	*										
Falmouth	1030.2	-2	NW	3	oz	53	97	3	-	St	10	-	-	0	1029.0	0	NNW	2	oz	57	92	4	-	St	10	-	-	-	*										
Calshot (Hants)	1028.1	0	W	1	c	55	75	8	-	-	-	Acu	8	1	1027.5	-1	NW	3	c	59	75	4	3,000	St Cu	4	Acu	4	1											
Lympne (Folkstone)	1027.1	0	-	0	bz	53	92	6	-	-	-	0	8	*	1025.6	0	N	3	bz	61	85	7	-	-	0	Acu	4	*											
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.0	+3	NW	3	o	57	85	8	-	St Cu	10	-	-	0	2										
Howden	1024.7	-1	WNW	3	c	58	92	5	2,000	St	6	Acu	3	*	1024.9	0	W	4	c	58	85	6	2,000	St Cu	6	Acu	2	*											
Cranwell (Lincs)	1026.1	0	W	3	c	58	92	5	3,000	St	4	Acu	3	*	1025.9	0	WNW	4	o	60	85	5	750	St	10	-	-	0	*										
Felixstowe	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1025.7	-1	WNW	2	bc	62	85	6	3,000	St Cu	1	Acu	4	1											
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1026.0	-1	WNW	2	bc	62	75	7	-	-	0	Acu	4	*											
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1026.5	+1	NW	1	o	59	85	5	-	St	10	-	-	0	*										
S. Farnborough	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1027.1	0	W	2	bc	59	85	6	4,200	St Cu	3	Acu	5	*											
London	1027.3	0	*	*	*	*	*	*	*	*	*	*	*	*	1026.8	0	W	2	bc	59	85	6	4,200	St Cu	3	Acu	5	*											
(Kew at 1h)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1026.8	0	WSW	1	bc	62	85	5	-	o. cu	6	St	7	*											
Croydon	1027.7	-1	SSW	2	bz	55	97	5	-	-	0	Acu	3	*	1026.2	-1	WNW	1	c	60	85	6	3,000	St	4	Acu	4	*											
STATIONS CONTRIBUTING REPORTS AT 7H AND 19H.																																							
STATIONS.	BAROM. at M.S.L.	TEMP. °F.	WIND. Direc.	Force 0-12.	Weather.	BAROMETER. at M.S.L.	TEMPERATURE. °F.	WIND. Direc.	Force 0-12.	Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP. Max. °F.	TEMP. Min. °F.	WEATHER. Morning.	WEATHER. Afternoon.	WEATHER. Night.	Sunshine Hours.																				
	mb.					mb.																																	
19H. G.M.T. OF 1 ST																				7H. G.M.T. OF 2 ND										24 HOURS ENDED 7H. 2 ND									
Lerwick	1012.7	50	W	5	omg	1017.0	+4	49	0	NW	5	W	omg	3	1	52	45	om	omg	om	*																		
Stornoway	1017.7	50	SSW	3	of	1021.5	+4	52	+2	W	4	-	of	3	6	54	42	of	of	of	0.0																		
Castlebay (Barra Is)	1020.5	52	W	4	of	1024.8	+2	51	0	WNW	4	-	of	4	1	53	51	d. of.	f. of.	of	0.0																		
Malin Head	1023.1	53	W	4	om	1026.8	+1	50	-1	W	3	-	omr	4	Trace	56	49	om	om	fe	0.0																		
Blacksod Point	1027.5	54	SW	2	f	1030.8	+3	51	-2	-	4	-	om	1	2	56	49	f	f	pbnd	*																		
Roche's Point	1030.5	60	W	3	o	1030.7	0	54	+1	NW	4	-	o	3	-	67	53	b. bc.	b. bc.	b. bc.	*																		
Birr Castle	1028.8	57	SW	2	o	1030.3	0	52	-2	SW	1	-	r	3	0.3	59	51	c. o.	c. o.	odro	0.4																		
Donaghadee	1026.1	60	WSW	2	om	1027.1	+1	55	-2	W	4	SW	em.	3	-	62	51	bcu	c. bcu	comp	*																		
Liverpool (Bidston)	1026.5	60	WNW	5	o	1027.5	+1	54	-1	WNW	4	W	o	4	-	67	54	bc	o.	og	6.1																		
Holyhead	1027.3	57	SW	3	cq	1028.6	+1	54	0	WNW	4	-	og	3	0.1	62	53	c. bc. c.	cg.	c. of	3.0																		
Penbroke (St. Ann's Head)	1030.4	54	WSW	2	bc	1029.5	-1	55	+4	NNW	1	-	o	2	-	56	51	of	of. c.	c. o.	0.8																		
Scilly (St. Mary's)	1032.1	58	NW	3	o	1030.0	-1	54	+1	NW	1	-	om	3	-	59	52	o.	o. c. o.	om	0.7																		
Jersey (St. Aubin)	1029.9	55	WNW	5	o	1027.8	0	59	+4	NW	3	-	b	2	-	61	51	o. bc. o.	o. c. o.	abw	2.6																		
Portland Bill	1029.4	59	WSW	4	bc	1027.9	-2	57	0	NW	2	NW	bc	3	-	63	52	c. bc.	bc	bc	*																		
Dungeness	1027.1	58	WSW	3	bc	1025.9	-1	61	+6	NW	2	-	b	2	-	66	47	c. o. c.	c. bc	c. bc	*																		
Wick	1017.2	50	NW	1	omd	1020.4	+5	47	-3	NW	1	-	omd	1	5	51	44	om	omd	omd	*																		
Nairn	1017.7	49	E	1	r	1020.7	0	54	+3	W	2	-	og	2	4	56	48	cd	dg. c. o.	r. c. p.	0.0																		
Leith	1020.5	59	W	3	o	1021.7	0	56	+1	W	4	W	c	3	-	61	54	ogw. c.	c. og. o.	ogw. c.	*																		
Tynemouth	1022.3	62	W	4	bcu	1021.9	0	58	+1	W	4	-	bc	3	1	67	56	bcu	bcu	omp	*																		
Spurn Head	1024.4	62	W	5	bc	1025.8	bc	58	+1	WNW	6	-	bc	4	-	64	55	o	bcu	bc	*																		
Yarmouth	1024.9	70	W	2	bc	1024.6	0	65	+10	SW	4	-	b	2	-	70	55	omd. c.	c. bc	bcg	3.2																		
Clacton-on-Sea	1026.7	63	SSW	3	bc	1025.4	0	59	+3	W	2	-	bz	1	-	67	54	og. c.	c. bc.	bcg	3.3																		
Nottingham	1025.7	68	W	3	b	1026.4	0	61	+4	WNW	3	W	cm	3	-	71	57	o. c.	c. bc	bc. c.	2.0																		

* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ For code see page 3.

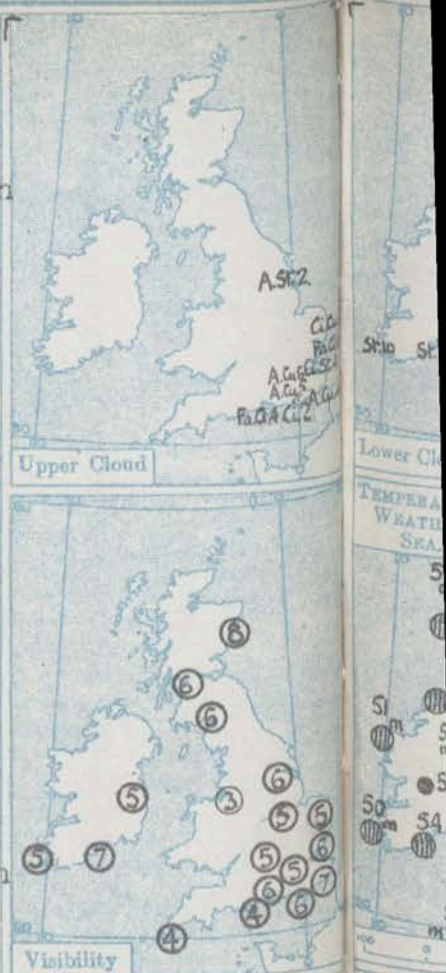
SUMMARY OF CONDITIONS AT 7h G.M.T. Wednesday, 2nd June, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	NW.5-15.	R.Warm.	Fine, local mist.	Good.	V.Smooth
2. E. England	NW.5-15.	Warm.	Fair, local mist & gloom.	"	"
3. E. Midlands	WNW.5-10	"	Dull, misty.	Fair.	-
4. W. Midlands	W.5-10	R.Warm.	Dull, local drizzle.	Poor.	-
5. S.W. England	NNW.5-10	Normal.	Dull, misty.	Indiff.	Slight.
6. South Wales	NNW.0-5	"	Dull.	Fair.	Smooth
7. North Wales	WNW.15-20	"	Dull, gloomy.	Indiff.	Slight.
8. N.W. England	W.10-15	"	Dull, local drizzle.	Poor.	"
9. N. Midlands	W.10-15	R.Warm.	Dull.	Fair.	-
10. N.E. England	W.15-30	Warm.	Fair.	Good.	Slight.
11. E. Scotland	NW.5-15	R.Warm.	Dull, misty, local drizzle.	Excellt.	Smooth
12. S.W. Scotland	SW.15-20	"	Dull, misty.	Good.	Slight.
13. Isle of Man	WNW.15-20	"	Dull, misty, squally.	Fair.	"
14. N. & N.W. Scotland	W.10-15	Normal.	Dull, gloomy.	Good.	Smooth
15. Hebrides	W.15-20	"	Rainy, foggy.	Poor.	"
16. Orkneys and Shetlands	NW.20-25	"	Dull, misty, squally.	Indiff.	Slight.
17. N.W. Ireland	Calm.	R.Cool.	Dull, misty.	Fair.	W.Smooth
18. N.E. Ireland	W.15-20	R.Warm.	Dull, misty, squally.	"	Slight.
19. S.E. Ireland	NW.15-20	Normal.	Dull.	V.Good.	"
20. S.W. Ireland	W.0-5	Cool.	Misty, damp.	Fair.	Smooth.

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

Slight secondaries will continue to cause rain locally over the Northern half of the Kingdom but in the South the weather will be fair for a day or two with rather high temperatures in the Midlands and Eastern districts.

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

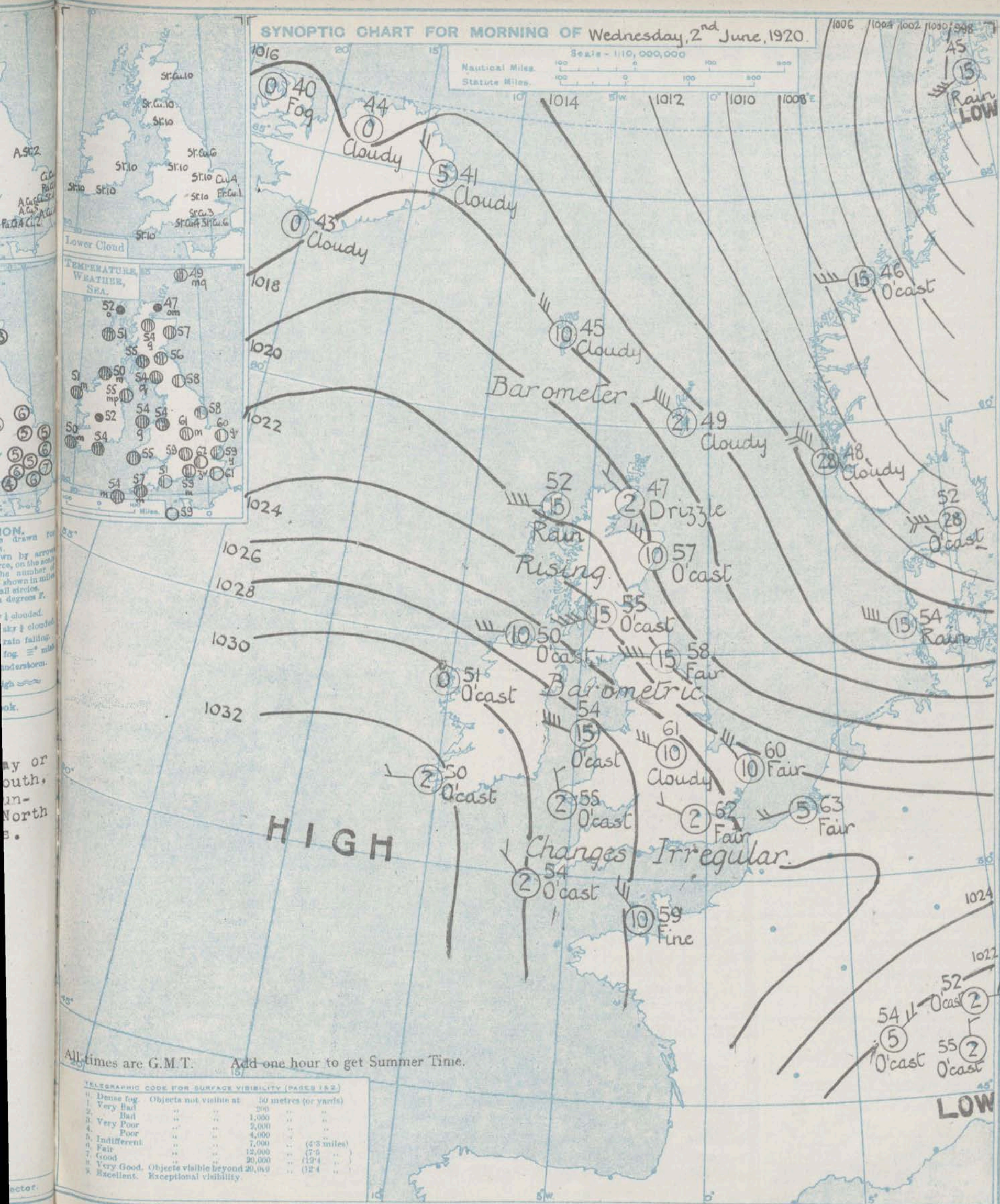


Districts.	Forecasts for the 24 hours commencing 15h G.M.T. Wednesday, 2nd June, 1920.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light West to North-West breezes; fair, some rather low cloud; visibility fair to good; warm.
5. S.W. England 6. South Wales	Light North-West breeze; fair, some rather low cloud; visibility fair to good; temperature about normal.
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	Wind West to North-West, moderate; much low cloud; some bright intervals; occasional rain or drizzle locally; visibility indifferent to fair; moderate temperature,
19. S.E. Ireland 20. S.W. Ireland	Light N.W. Breeze; fair to cloudy, occasional drizzle, visibility mainly fair to good; temperature about normal.

Further Outlook.
 Fair for a day or two in the South, but outlook uncertain for Northern districts.

SYNOPTIC CHART FOR MORNING OF Wednesday, 2nd June, 1920.

Scale - 1:110,000,000
Nautical Miles 100 0 100 200
Statute Miles 100 0 100 200



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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)

	Objects not visible at	50 metres (or yards)
1. Dense fog	"	200
2. Very Bad	"	1,000
3. Bad	"	2,000
4. Very Poor	"	4,000
5. Poor	"	7,000
6. Indifferent	"	12,000
7. Fair	"	20,000
8. Good	"	20,000
9. Very Good	Objects visible beyond 20,000	112.4
10. Excellent	Exceptional visibility	12.4

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 154.

Wednesday
2nd June

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 1921																			
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.
						31°-1°	1°	1°	31°-8°							31°-1°	1°	1°	31°-8°
Scotland.	Oban ...	ot.	dr	51	47	1	1	0.0	0.0	England, N.W.	Douglas (I.O.M.)	+	+	63	53	0.3	?	3.2	0.0
	Banff ...	o	od	59	45	-	0.3	0.0	2.2		Blackpool ...	c	o	62	51	1	-	4.9	1.9
	Montrose ...	c	c	65	50	-	-	0.9	6.5		Southport ...								
	St. Andrews ...	s	s	62	49	-	-	1.3	7.6										
England, N.E.	Harrogate ...	c, dr, bc	bc, c.	65	48	1	0.1	3.7	4.1	Midlands.	Buxton ...	r, c, bc, b	b, bc, b	67	49	0.4	-	5.2	0.2
	Scarborough ...	o	b	68	47	1	-	2.8	5.8		Leamington Spa ...	c	c	73	51	-	-	3.5	6.0
	Skegness ...	b	b	73	59	-	-	6.0	8.0		Malvern ...	bc, c	c, bc, b	71	53	1	-	8.5	?
											Ross-on-Wye ...	bc, v	bc, by	76	51	0.2	-	9.2	3.6
England, E.	Lowestoft ...	o	o, c, bc	67	54	0.2	-	2.0	6.5	Wales.	Bath ...	o, c, bc	c, bc, b	68	53	1	-	5.8	2.6
	Felixstowe ...	o, bc	bc	66	55	-	-	1.6	8.6		Rhyl ...	c, bc, b	b, bc	69	52	0.2	-	6.3	0.8
	Southend-on-Sea ...	o, c.	c, bc	72	53	-	-	3.1	8.8		Colwyn Bay ...	*	*	70	54	-	-	6.2	2.4
											Llandudno ...	c	b	64	54	-	-	5.9	2.2
England, S.E.	Tunbridge Wells ...	o	bc	70	50	-	-	2.4	8.7	England, S.W.	Aberystwyth ...	g, c, h	b, bc	58	53	3	-	7.0	2.5
	Margate ...	c	c	66	53	-	-	0.5	10.0		Swansea ...	*	*	68	54	1	-	6.0	3.0
	Ramsgate ...	*	*	64	50	-	-	0.6	10.2		Weymouth ...	c, o, bc	bc, b	69	55	-	-	8.0	9.8
	Folkestone ...	o	c, o	65	53	-	-	1.3	8.8		Teignmouth ...	b	b	71	53	-	-	8.5	10.5
	Hastings ...	ot, o	o, bc	66	51	0.4	-	2.1	7.8		Torquay ...	bc, b	b	71	51	-	-	9.7	11.0
	Eastbourne ...	c, o	c, bc	65	53	-	-	1.9	8.5		Penzance ...	c, bc	bc, b	63	53	-	-	6.8	7.3
	Brighton ...	o	o, b	63	54	-	-	0.6	7.6		Newquay ...	og, f, o	bc, o	57	53	-	-	1.1	6.6
	Worthing ...	d, bc	bc, b	64	48	-	-	2.1	11.2		Bude ...	c	o	58	53	-	-	0.5	9.2
	Littlehampton ...	oe	b	64	52	-	-	2.4	9.8		Hfracombe ...	ofe	c, bc, o	57	53	-	-	2.7	7.6
	Portsmouth (S. Isles) ...	*	*	72	55	-	-	3.5	11.8		Weston-s-Mare ...	c, o, bc	bc, h	61	54	-	-	6.0	2.8
	Bournemouth ...	*	*	73	53	-	-	6.5	10.5		Tenby (Wales) ...	bc	bc	63	56	-	-	8.3	5.1
	Ventnor (I. of W.) ...	*	*	66	52	-	-	4.9	12.3										

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.	
STATIONS.		WEATHER.				TEMP.		RAINFALL.		Sun.		Limits of Velocity at about 33 feet above ground.	
		7h-19h.	19h-19h.	19h-19h.	19h-19h.	Max. °F.	Min. °F.	Day, 7h-19h.	Night, 19h-7h.				
Renfrew ...		om, dd.	om, rr	c, o, c	q, o	61	51	50	-	0.8		No.	Scale miles per hour.
Eskdalemuir ...		om, o	om, o, c	c, o, c	q, o	61	51	50	-	0.8			Metres per second.
Valencia (Cahircree) ...		o, c, o	o, d, o	o	o	59	50	51	-	1.6		0	Less than 1
Baldonnel ...		z, q	o, q	q, r, o	c, o, q	60	54	49	Trace	Trace	2.0	1	1-3
Didsbury ...		o, b, bc	o, f, bc	o, c	o, c, f	69	55	52	Trace	Trace	*	2	4-7
Falmouth ...		om, b	b, bc, f	o, c	o, c, f	64	52	51	-	-	7.8	3	8-12
Calshot (Hants) ...		o, c, o	bc, c, bc	bc, c, o	c, o, c, f	70	54	51	-	-	10.6	4	13-18
Lympne (Folkestone) ...		om, g	om	c, o, f	bc, f	64	51	73	-	-	1.7	5	19-24
Aberdeen ...		o, z	o, z, f	r, o	r, o	62	48	73	0.3	2	0.1	6	25-31
Howden ...		o, f, q	o, z	o, c	r, c, o	69	57	54	4	1	6.4	7	32-38
Cranwell (Lines) ...		o, f, bc	bc, c, f	b, bc, c	c, o, c, f	70	56	-	-	-	6.0	8	39-46
Felixstowe ...		c, om	om, c, o	bc, c, bc	bc, c, bc	67	58	-	-	-	*	9	47-54
Shoeburyness ...		o, z, o	o, c, bc, bc	bc, c, o	bc, c, o	71	55	49	-	-	3.0	10	55-63
Benson ...		s, c	bc	bc, c, o	bc, c, o	74	52	46	-	-	*	11	64-75
S. Farnborough ...		om, o, z	o, z, bc	b, bc, c	b, bc, c	75	52	47	-	-	4.1	12	Above 75
London (Kew Obs.) ...		om, o, c	o, c, byz	b, bc, c	b, bc, c	73	55	47	-	-	4.4	SYMBOLS— Aurora ☄ Solar halo ☉ Kite ☐ Lunar halo ☉ Glazed frost ☄ Solar corona ☉ Glazed roads ☄ Lunar corona ☉	
Croydon ...		o, f, o, f	c, f	b, z, f	b, bc, f	77	53	-	-	-	*		

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.					
	24 HOURS ENDED ON G.M.T. 2 nd June.								YESTERDAY.	TO-DAY.		2 nd & 3 rd June 1920.			
Greenwich (Royal Observatory)	o	o.c. bc	b.b.o	74	51	41	-	3.8	62	65	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Stations.	Sunrise.	Noon.	Sunset.
City (Bunhill Row) ...	*	*	*	*	*	*	-	6.0	*	*		G.M.T.	G.M.T.	G.M.T.	
Westminster (St. James's Park)	*	*	bc	73	54	45	-	4.7	59	64	Total 109.8 Joules. Milliwatts.	Yarmouth...	3.37	11.51	8.5
.. (Admiralty Arch)	o3	o3. bc v	bc	77	58	*	-	5.5	68	70		Greenwich	3.50	11.58	8.6
Camden Sq. (British Rainfall)	o.c.c	c	*	76	54	60	-	*	58	64	Average Rate. 18.7 Maximum Rate. 90	Wick	3.16	12.10	9.4
Kensington Palace ...	bc.c	bc	*	74	52	45	-	*	50 (18h)	69		Valencia	3.15	12.10	9.6
Hampstead Observatory ...	*	*	*	71	53	*	-	4.4	*	73					

Photographic Record of

Pole Star (Polaris) and of 8 Ursae

Minoris at Greenwich Observatory

Exposure from 1st 21st h. e.m.
to 2nd 3rd h. e.m.

Star.	Duration of Exposure.	Duration of Record.	%
Polaris	6. 0	6. 0	100
8 Ursae Minoris	6. 0	6. 0	100

NOTES ON THE WEATHER OF YESTERDAY.

Moderately large totals of rainfall were measured in the North, 6 mm. at Stornoway and 5 mm. at Wick and Howden.

Sunshine records varied very much, between 8 and 10 hours at some English stations, but little or none in Scotland and Ireland. The temperature reached 77° at Croydon and 75° at Farnborough, but barely exceeded 50° in parts of Scotland.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 21,378. Thursday... 3rd June 1920.

STATIONS.	OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H.																											
	BAROM. at M.S.L.	Change in 3 hours.	WIND. Direc.	Force 0-12.	WEATHER.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.	BAROM. at M.S.L.	Change in 3 hours.	WIND. Direc.	Force 0-12.	WEATHER.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.
	mb.														mb.													
13H. G.M.T. of 2nd.										18H. G.M.T. of 2nd.																		
Renfrew	1026.8	+1	WSW	3	01f	55	85	7	2000	Sc	10	-	-	*	1026.8	0	SW	3	01f	55	85	7	2,000	Sc	10	-	-	*
Esksdalemuir	1025.6	0	NW	4	01f	55	75	6	2000	Sc	5	AS	4	*	1025.9	0	WNW	5	01f	54	75	6	-	-	AS	8	*	
Valencia (Cahire's)	1030.8	-2	NNW	4	0	59	85	8	3000	Sc	1	AS	1	3	1029.1	-1	NNE	2	0	56	85	8	-	-	Sc	2	2	
Baldonnel	1030.5	+1	W	2	0	58	85	6	500	Sc	10	-	-	*	1029.4	-2	WNW	3	0	59	85	7	2000	Sc	6	AS	2	*
Didsbury	1027.7	0	WNW	5	0	59	75	5	2000	Sc	10	-	-	*	1027.5	0	WNW	5	0	57	75	5	1,250	Sc	6	AS	3	*
Falmouth	1028.4	0	N	3	0	66	70	7	-	Sc	6	-	-	*	1026.9	-2	NNW	4	02	64	75	6	-	-	AS	1	*	
Calshot (Hants)	1026.2	-1	N	3	03	71	75	7	3000	Sc	7	-	-	2	1025.3	-1	NNE	3	0	72	55	8	-	-	Sc	5	3	
Lympne (Folkestone)	1025.5	0	SSW	3	03	65	75	6	4200	Sc	8	-	-	*	1024.3	-2	SSW	3	02	65	85	6	4,200	Sc	6	AS	1	*
Aberdeen	1023.1	+3	SSW	2	0f	50	94	8	-	Nb	10	-	-	2	1023.6	0	SSW	2	02f	51	92	5	-	Sc	10	-	-	2
Howden	1024.5	-1	WNW	4	0	69	65	8	4200	Sc	6	AS	2	*	1025.0	+1	WNW	4	0	62	75	9	5,700	Sc	4	Sc	3	*
Cranwell (Lines)	1020.6	-1	NNW	4	03	68	65	5	3000	Sc	6	AS	2	2	1025.6	0	NNW	4	02f	64	85	5	3000	Sc	7	Sc	2	*
Felixstowe	1024.9	-1	NW	2	02	75	56	6	5,700	Sc	6	-	-	*	1026.2	0	ESE	2	02	61	85	5	3000	Sc	10	-	-	*
Shoeburyness	1020.3	-1	NW	1	0	74	56	7	3000	Sc	3	AS	8	*	1024.7	-1	ENE	3	02	63	75	6	-	-	Sc	2	*	
Benson	1025.5	-1	NNW	3	0	71	65	5	-	Sc	4	Sc	1	*	1024.7	-1	NNW	3	0	68	65	5	-	-	Sc	2	*	
S. Farnborough	1025.6	-1	WNW	2	02	74	65	5	5000	Sc	6	-	-	*	1025.3	-1	NNW	3	02	70	65	6	3,000	Sc	1	Sc	5	*
London (Kew Obs.)	1025.7	-2	N	3	03	72	65	7	5,700	Sc	2	Sc	1	*	1024.9	-1	NNW	2	0	70	55	7	5,700	Sc	1	Sc	3	*
Croydon	1015.7	0	NNW	3	02	73	65	6	3000	Sc	5	Sc	1	*	1024.7	0	NNW	2	02	71	65	6	3,000	Sc	2	Sc	5	*
1H. G.M.T. of 3rd.										7H. G.M.T. of 3rd.																		
Renfrew	1025.6	-2	NW	5	0f	51	85	6	-	Sc	5	AS	4	*	1024.5	-1	WSW	4	0	55	85	7	1,250	Sc	8	AS	2	*
Esksdalemuir	1024.4	0	NNW	2	0	53	75	6	-	Sc	5	AS	4	*	1023.9	-1	WNW	4	0	54	75	6	-	Sc	7	AS	3	*
Valencia (Cahire's)	1029.4	0	NNW	2	0	53	75	6	-	Sc	5	AS	4	*	1028.3	0	-	0	56	55	92	8	-	-	-	-	2	
Baldonnel	1029.4	0	-	0	0	53	75	6	2000	Sc	10	-	-	*	1028.6	-1	WNW	2	03	55	85	7	3000	Sc	10	-	-	*
Didsbury	1026.7	-1	NW	4	0	54	85	8	-	-	-	-	-	*	1025.2	-1	NNW	2	03	53	75	3	1,250	Sc	9	Sc	1	*
Falmouth	1026.1	0	NNE	3	0	56	75	5	-	-	-	Sc	3	3	1025.5	0	NNW	3	0	57	85	7	-	-	AS	1	*	
Calshot (Hants)	1026.1	0	NNE	3	0	56	75	5	-	-	-	Sc	3	3	1024.9	-3	NNE	4	0	55	75	5	-	Sc	1	Sc	3	2
Lympne (Folkestone)	1024.0	-1	-	0	0	64	97	6	3000	Sc	5	AS	2	*	1023.4	-1	N	3	0	58	92	5	3000	Sc	6	-	-	*
Aberdeen	1025.5	-1	-	0	0	55	94	6	5,700	Sc	1	AS	1	*	1023.1	-1	NW	2	0	53	92	6	-	Nb	10	-	-	2
Howden	1024.2	0	NW	2	0	55	97	5	3000	Sc	4	-	-	*	1024.4	-1	NW	4	0	54	85	5	-	-	Sc	8	*	
Cranwell (Lines)	1024.2	0	NW	2	0	55	97	5	3000	Sc	4	-	-	*	1023.4	-1	NNW	2	0	54	85	5	3000	Sc	9	-	-	1
Felixstowe	1024.2	0	NW	2	0	55	97	5	3000	Sc	4	-	-	*	1023.4	-1	NNW	2	0	54	85	5	3000	Sc	9	-	-	1
Shoeburyness	1024.2	0	NW	2	0	55	97	5	3000	Sc	4	-	-	*	1023.4	-1	NNW	2	0	54	85	5	3000	Sc	9	-	-	1
Benson	1024.2	0	NW	2	0	55	97	5	3000	Sc	4	-	-	*	1023.4	-1	NNW	2	0	54	85	5	3000	Sc	9	-	-	1
S. Farnborough	1024.2	0	NW	2	0	55	97	5	3000	Sc	4	-	-	*	1023.4	-1	NNW	2	0	54	85	5	3000	Sc	9	-	-	1
London (Kew Obs.)	1024.2	0	NW	2	0	55	97	5	3000	Sc	4	-	-	*	1023.4	-1	NNW	2	0	54	85	5	3000	Sc	9	-	-	1
Croydon	1024.2	0	NW	2	0	55	97	5	3000	Sc	4	-	-	*	1023.4	-1	NNW	2	0	54	85	5	3000	Sc	9	-	-	1
STATIONS CONTRIBUTING REPORTS AT 7H. AND 19H.																												
STATIONS.	BAROM. at M.S.L.	TEMP. °F.	WIND. Direc.	Force 0-12.	WEATHER.	BAROMETER. at M.S.L.	TEMPERATURE. Temp. °F.	WIND. Direc.	Force 0-12.	WEATHER.	SEA 0-9.	RAINFALL mm.	TEMP. Max. °F.	TEMP. Min. °F.	WEATHER. Morning.	WEATHER. Afternoon.	WEATHER. Night.	SUNSHINE Hours.										
	mb.					mb.	Change in 3 hours.																					
19H. G.M.T. of 2nd.										7H. G.M.T. of 3rd.																		
Lerwick	1021.5	47	WNW	4	bc	1022.9	0	45	-4	N	3	N	52	42	bc	bc	bc	0.0										
Stornoway	1024.4	54	W	4	0	1024.4	+1	52	0	WNW	3	-	54	51	bc	bc	bc	0.0										
Castlebay (Barras)	1027.2	52	W	4	0	1026.0	0	50	-1	WNW	4	-	53	49	bc	bc	bc	0.0										
Malin Head	1028.4	53	W	3	0	1027.4	0	51	-1	W	3	-	53	49	bc	bc	bc	0.0										
Blackod Point	1029.2	55	W	3	0	1029.2	0	53	-2	-	0	-	54	46	bc	bc	bc	0.0										
Roche's Point	1030.0	54	SSE	2	0	1029.2	0	50	-4	NNW	1	-	54	50	bc	bc	bc	0.0										
Birr Castle	1024.3	61	NW	1	0	1028.8	0	54	-2	N	1	-	54	48	bc	bc	bc	1.2										
Donaghadee	1028.1	58	NE	1	bc	1026.5	-1	54	-1	NNW	3	-	56	50	bc	bc	bc	0.0										
Liverpool (Bidston)	1028.5	53	WNW	3	0	1025.4	-1	52	-2	NNW	4	-	58	51	bc	bc	bc	0.3										
Holyhead	1028.8	58	-	0	0	1024.2	-1	52	-2	NNW	4	-	59	47	bc	bc	bc	0.1										
Pembroke (St. Ann's Head)	1028.9	59	N	4	0	1027.1	-1	54	-1	N	2	-	54	46	bc	bc	bc	0.9										
Scilly (St. Mary's)	1028.1	56	NNE	3	0	1026.4	-1	56	-2	NNE	2	-	56	53	bc	bc	bc	0.4										
Jersey (St. Aubin)	1025.4	65	WNW	3	0	1024.4	0	59	0	NW	2	-	61	55	bc	bc	bc	1.4										
Portland Bill	1025.6	62	NW	2	0	1025.2	0	58	-1	NE	4	-	64	52	bc	bc	bc	0.0										
Dungeness	1023.9	60	SW	2	0	1022.9	0	61	0	N	2	-	64	50	bc	bc	bc	0.0										
Wick	1023.0	49	NW	1	0	1023.6	+2	46	-1	NNE	2	-	52	45	bc	bc	bc	0.0										
Nairn	1023.4	57	W	3	0	1023.3	0	54	0	W	2	-	54	52	bc	bc	bc	0.0										
Leith	1024.9	60	W	3	0	1023.8	0	55	-1	WSW	3	-	56	51	bc	bc	bc	0.0										
Tynemouth	1024.4	63	W	4	bc	1022.9	0	55	-3	W	3	-	56	50	bc	bc	bc	0.0										
Spurn Head	1025.8	60	NE	3	0	1023.2	-2	54	-4	NNW	4	-	56	50	bc	bc	bc	0.0										

* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ For code see page 3.

SUMMARY OF CONDITIONS AT 7 h.G.M.T. Thursday, 3rd June, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	NW-NNE 5-10	Moderate.	Fair on coast, dull in-land, misty.	Indiff.	Smooth
2. E. England	NW-N 2-10	R.Warm.	Cloudy or dull.	"	"
3. E. Midlands	NW-N 5-10	Moderate.	Fine to cloudy, local mist	"	-
4. W. Midlands	NW-N 5-10	"	Fine to cloudy.	"	-
5. S.W. England	NNW-NE 5-15	R.Warm.	Fair or fine.	Good.	Slight
6. South Wales	N'y 5-10	Moderate.	Fine.	Fair.	Smooth
7. North Wales	WNW 5-15	"	Fine.	"	Slight
8. N.W. England	NW'y 5-10	"	Dull, local mist.	Indiff.	"
9. N. Midlands	NW'y 5-15	"	Fine to cloudy, local mist	"	-
10. N.E. England	W-NNW 10-15	R.Warm.	Cloudy, misty.	"	Slight.
11. E. Scotland	WSW-NW 5-10	"	Dull, slight local rain.	Fair.	Smooth
12. S.W. Scotland	W'y 10-15	"	Dull.	"	"
13. Isle of Man	W-NW 10-15	Moderate	Fair to dull.	"	Slight
14. N.&N.W. Scot-land	WNW-N 5-10	"	Dull, drizzle, local fog in North.	Var.	Smooth
15. Hebrides	WNW 10-15	"	Dull, drizzle in North.	Fair.	"
16. Orkneys and Shetlands	N'y 5-10	"	Cloudy, misty.	Indiff.	Slight
17. N.W. Ireland	Calm.	"	Cloudy.	Fair	Smooth
18. N.E. Ireland	W-NW 5-10	R.Warm.	Fair to cloudy.	"	"
19. S.E. Ireland	W-N 2-5	"	Dull, local haze.	Good.	"
20. S.W. Ireland	Var. 0-2	Moderate	Variable sky, local sky.	Var.	"



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

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

An anticyclone over Ireland will cause fair to fine weather for two or three days except in the North of Scotland, where it will be cloudy with occasional drizzle.

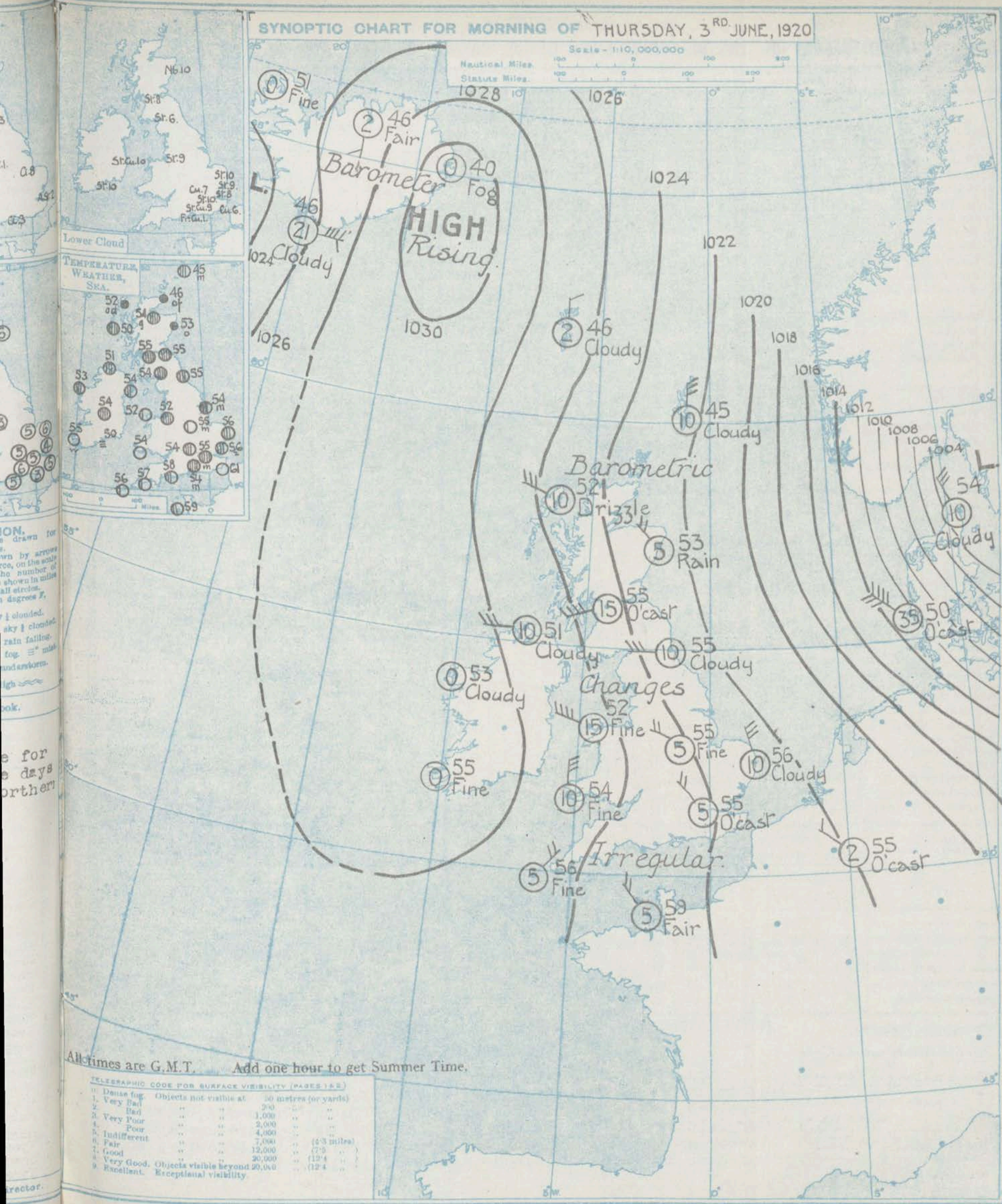
Districts.	Forecast for the 24 hours commencing 8 p.m. 15h.G.M.T. Thursday, 3rd June, 1920.
1. S.E. England	Light breezes from between North-West and North-East; varying amount of cloud at about 3,000 feet; visibility fair to good apart from morning mist; rather warm.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Moderate North-West to North wind; varying amount of cloud at about 3,000 feet; visibility fair to good apart from morning mist; moderate temperature.
7. North Wales	
8. N.W. England	
9. N. Midlands	Moderate N.W. wind; much low cloud at about 3000 feet, some rain; visibility fair to good; cool.
10. N.E. England	
11. E. Scotland	Same as 7 - 10
12. S.W. Scotland	
13. Isle of Man	Light North-West to North breeze; much cloud at about 3,000 feet; some showers; visibility fair; cool.
14. N.&N.W. Scot-land	
15. Hebrides	
16. Orkneys and Shetlands	Wind light and indefinite; much cloud at about 3000 feet; visibility fair to good; moderate temperature.
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	Same as 7 - 10.
20. S.W. Ireland	

Further Outlook.

Fair to fine for two or three days except in Northern Scotland.

SYNOPTIC CHART FOR MORNING OF THURSDAY, 3RD JUNE, 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 (PAGES 1 & 2)

Code	Description	Distance
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
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. 156.

Thursday
3rd June

WEATHER, TEMPERATURE RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 2nd June																			
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.
Scotland.	Oban ...	a	a	54	48	5	-	0.0	0.4	England, N.W.	Douglas (I.O.M.)	x	y	62	53	-	-	0.0	3.2
	Banff ...	rm	rd	52	48	12	4	0.0	0.0		Blackpool ...	o	c	60	53	-	-	1.4	4.9
	Montrose ...	c	c	63	53	-	-	0.5	1.8		Southport ...	o.c.o	o.c.o	59	54	-	-	0.3	5.9
	St. Andrews ...	x	x	68	54	-	-	3.5	2.1										
England, E.	Harrogate ...	bc b	b bc c	66	54	0.4	-	6.3	3.7	Midlands.	Buxton ...	1. bc c	bc c	58	51	0.3	-	0.4	5.8
	Scarborough ...	b	b	73	52	-	-	6.0	2.8		Leamington Spa ...	c	c	69	57	-	-	4.7	8.2
	Skegness ...	b	o	70	58	-	-	7.1	6.4		Malvern ...	o c	bc	70	57	-	-	9.6	10.5
	Lowestoft ...	bc	bc c	71	56	-	-	9.2	2.6		Ross-on-Wye ...	b bc b	bc	75	50	-	-	9.4	11.8
England, S.E.	Felixstowe ...	bc z	ag	76	56	-	-	9.8	2.6	Wales.	Bath ...	o.c. bc b	b bc	75	53	-	-	6.5	6.3
	Southend-on-Sea ...	bc	bc c	77	54	-	-	11.3	4.2		Rhyl ...	c	c bc c	60	54	-	-	0.6	6.3
	Tunbridge Wells ...	b	b	78	51	-	-	10.4	4.3		Colwyn Bay ...	x	x	60	55	-	-	0.6	7.3
	Margate ...	b	b	72	57	-	-	10.8	0.8		Llandudno ...	x	x	60	55	-	-	3.2	6.3
England, S.E.	Ramsgate ...	x	x	71	54	-	-	11.4	0.6	England, S.W.	Aberystwyth ...	o c	bc c	58	55	-	-	2.0	7.0
	Folkestone ...	c	c	67	54	-	-	2	1.7		Swansea ...	x	x	74	54	-	-	8.3	6.7
	Hastings ...	b bc	bc b	70	55	-	-	9.5	4.6		Weymouth ...	b	bc	75	53	-	-	9.0	10.2
	Eastbourne ...	bc	bc	69	51	-	-	9.6	3.7		Teignmouth ...	b	b	71	53	-	-	9.8	11.0
	Brighton ...	bc	bc	73	53	-	-	12.1	1.8		Torquay ...	b	b	72	53	-	-	9.5	12.4
	Worthing ...	b	b	70	53	-	-	11.8	4.1		Paignton ...	bc	bc	74	49	-	-	9.3	12.2
	Littlehampton ...	b	b	73	54	-	-	10.0	4.0		Penzance ...	c bc	bc	65	52	-	-	4.5	7.1
	Portsmouth (Sithon) ...	x	x	77	55	-	-	10.3	5.1		Newquay ...	om	ob	59	51	-	-	2.3	1.1
	Bournemouth ...	x	x	78	51	-	-	9.5	8.5		Bude ...	a	b	62	52	-	-	5.0	1.0
	Ventnor (I. of W.) ...	x	x	71	53	-	-	10.8	6.9		Ilfracombe ...	o c bc	bc	63	53	-	-	6.2	2.7
											Weston-s-Mare ...	c bc	b	66	53	-	-	6.0	7.9
											Tenby (Wales) ...	c bc	bc	70	60	-	-	5.5	8.4

SUMMARY FOR PAST 24 HOURS.										BEAUFORT NOTATION.									
STATIONS.		WEATHER.		Max. Temp. °F.		Min. Temp. °F.		Rainfall.		No.		Limits of Velocity at about 30 feet above ground.		Statute miles per hour.		Metres per second.		The BEAUFORT SCALE OF WIND FORCE.	
		7h-15h	15h-18h	18h-21h	21h-24h	1h-7h	7h-15h	15h-18h	18h-21h										
Renfrew		o alf	c am	alf c	x	x	x	10h.	10h.	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.	
Esksdalemuir		ag	o c bc c	ag	ag	59	48	46	-	f fog.		g gloom.		h hail.		i lightning.		m mist.	
Valencia (Cathcart)		o b	b	o	o	44	47	45	-	p passing showers.		q squalls.		r rain.		rs sleet, i.e., rain and snow together.		s snow.	
Baldonnel		o p d	o c o	o	o	60	48	-	Trace	t thunder.		u ugly, threatening sky.		v unusual visibility.		w dew.		x hoar frost.	
Didsbury		ag	c o	c f	63	48	42	-	-	y dry air; humidity less than 60 per cent.		z dust haze; the turbid atmosphere of dry weather.		Capital letters indicate intensity, and repetition of letters continuity, thus:-		R = heavy rain.		r = continuous moderate rain.	
Falmouth		om bc	bc b z	b	b b bc	68	51	48	-	r r = continuous light rain.									
Calshot (Hants)		bc c z	bc c b bc	b bc	b bc	75	52	50	-										
Lymington (Folkestone)		bc c z	bc c	om	bc om	68	57	48	-										
Aberdeen		o p f	o w f	g r	58	50	50	-	0.4										
Howden		o q	v c o	b bcw	g r	58	50	50	-										
Cranwell (Lincoln)		c o z	c o z	c o bc c	bc c z	69	49	-	-										
Felixstowe		b b c	c o z	bc c z	bc c z	77	53	-	-										
Shoeburyness		bc y	bc y c z	bc y c z	bc y c z	77	53	43	-										
Benson		c bc	bc	c b	c b	73	46	41	-										
S. Farnborough		om b bc y	bc z	bc z om	bc z om	75	62	49	-										
London (Kew Obs.)		bc y z	bc y c z	c o z	c o z	75	54	50	-										
Croydon		bc z f	bc c z	c o z f	c o z f	76	54	-	-										

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).									
STATIONS.		WEATHER.		Max. Temp. °F.		Min. Temp. °F.		Rainfall.		Sunshine to Sunset.		Humidity %.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.		Average Rate.		Maximum Rate.	
		Morning.	Afternoon.	Night.	°F.	°F.	°F.	mm.	Hours.	16 h. G.M.T.	19 h. G.M.T.	16 h. G.M.T.	19 h. G.M.T.	Joules.		Milliwatts.		°C.	
Greenwich (Royal Observatory)		bc c	c o	o	79	55	53	-	12.3	57	70								
City (Bunhill Row)		x	x	x	x	x	x	-	10.8	2	x								
Westminster (St. James's Park)		bc	bc m m	x	77	55	52	-	11.2	50	71								
" (Admiralty Arch)		bc bc z	bc bc z	bc z o o z	72	56	-	-	11.3	59	80								
Camden Sq. (British Rainfall)		o b	bc	x	80	55	54	-	-	16	71								
Kensington Palace		bc	b	x	76	48?	52?	-	-	52 (18h)	69								
Hampstead Observatory		bc	bc	x	74	52	x	-	10.5	-	76								

Photographic Record of

Pole Star (Polaris) and of 8 Ursae

Minoris at Greenwich Observatory.

Exposure from 2nd 2.1h...0.1m.
to 3rd 2.1h...0.1m.

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

NOTES ON THE WEATHER OF YESTERDAY.

The temperature rose to 75° at several stations in the South of England as a result of over ten hours of bright sunshine. In Scotland, North Wales, and North-West England there was, however, very little, and in the north of Scotland the temperature again barely exceeded 50°. Wick had 9 mm. of rain and Stornoway 1 mm., but over England or Ireland there was little or none.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 2,1379. Friday... 4th June..... 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 15H.																													
STATIONS.	BAROM. at M.S.L.	Change in 3 hours.	WIND. Direc.	Force 0-12.	Weather	TEMP. °F.	Humidity. %	Visibility. 0-9.	Height of Low Cloud. Feet.	Low Cloud.	Upper Cloud.	Sea	BAROM. at M.S.L.	Change in 3 hours.	WIND. Direc.	Force 0-12.	Weather	TEMP. °F.	Humidity. %	Visibility. 0-9.	Height of Low Cloud. Feet.	Low Cloud.	Upper Cloud.	Sea					
	mb.									Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.								Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.			
13H. G.M.T. of 3 rd														18H. G.M.T. of 3 rd															
Renfrew	1023.8	-2	W	4	o.f	60	75	7	3000	St	8	A.A.	1	*	1023.7	0	NNE	3	0	53	85	6	2,000	St	10	-	-	*	
Eskdalemuir	1022.6	-2	NW	4	c	63	75	7	3000	St	3	A.A.	5	*	1023.2	0	ENE	4	o.f	50	92	4	1,250	Nb	10	-	-	*	
Valencia (Cahire'n)	1028.2	0	W	3	bc	56	92	7	2500	cu	6	-	-	2	1026.0	-3	WSW	1	b	59	85	8	750	cu	1	-	-	2	
Baldonnel	1026.9	-3	NNW	3	03	60	65	8	3000	St	9	-	-	*	1024.8	-2	NW	3	c	63	75	8	3,000	St	6	ci. st	2	*	
Didsbury	1024.0	-1	NNW	5	0	61	75	4	1250	St	4	A.A.	5	*	1022.4	-2	WNW	5	bc	59	75	6	5,700	cu	2	A.A.	4	*	
Falmouth	1024.7	-1	SE	2	bif	67	75	6	-	cu	2	-	-	*	1023.0	-2	N	3	b	62	75	7	-	-	-	-	*		
Calshot (Hants)	1023.2	-2	NNE	3	c2f	63	55	5	-	-	-	dist	7	2	1020.5	-2	N	2	bc2	66	65	4	-	-	ci	4	2	*	
Lympne (Folkestone)	1022.0	-1	NNE	3	c1f	64	75	6	3000	cu	8	-	-	*	1020.2	-3	S	2	c2	61	75	5	5,700	St	8	-	-	*	
Aberdeen	1024.0	0	NNE	3	0	50	92	8	-	St	10	-	-	2	1025.1	+1	NNW	3	c	49	65	8	-	St	8	-	-	4	
Howden	1022.2	-2	NE	2	0	66	65	8	3000	St	7	A.St	2	*	1022.1	0	ENE	2	0	54	92	7	2,000	St	10	-	-	*	
Cranwell (Lines)	1022.3	-2	NNH	2	0	66	65	5	3000	cu	9	-	-	*	1021.5	-1	NE	3	o.f	59	85	6	2,000	St	10	-	-	*	
Felixstowe	1021.9	-3	NNW	3	0	66	55	5	4200	cu	6	fa. d.	2	*	1020.6	-2	ESE	1	0	59	85	5	4,200	St	10	-	-	1	
Shoeburyness	1022.2	-1	NW	3	bc.f	66	65	6	4200	cu	3	A.A.	2	*	1026.3	-5	-	0	bc	64	65	7	3,000	cu	6	-	-	*	
Benson	1022.2	-2	NNW	3	c	63	75	4	-	-	-	ci. st	7	*	1020.4	-2	NNW	1	b	65	65	4	-	-	-	-	*		
S. Farnborough	1023.0	-2	SSW	2	c3	65	65	6	3000	St	1	ci	7	*	1020.5	-3	NNW	3	b	68	65	5	-	-	ci. st	2	*		
London (Kew Obs.)	1022.6	-3	NNW	1	bc.fy	64	55	6	5700	cu	3	ci	3	*	1020.1	-3	N	2	bcy	69	55	6	7,200	St	3	A.A.	2	*	
Croydon	1022.7	-2	N	2	bc2f	64	65	5	2000	St	5	ci. St	1	*	1020.2	-3	N	3	bx	68	65	6	-	-	ci. cu	3	*		
1H. G.M.T. of 4 th														7H. G.M.T. of 4 th															
Renfrew	1025.6	+1	NE	4	bc	42	85	7	2,000	St	5	-	-	*	1026.3	+1	ESE	2	o.f	47	85	4	1,250	St	9	-	-	*	
Eskdalemuir	1025.6	+1	NE	4	bc	42	85	7	2,000	St	5	-	-	*	1025.9	+1	NE	4	o	44	75	8	-	St	9	-	-	*	
Valencia (Cahire'n)	1025.0	-1	NNW	2	bc	52	*	*	*	*	*	*	*	1	1023.8	0	NE	1	b	56	85	8	2,000	St	1	-	-	2	
Baldonnel	1024.3	-1	-	0	02	52	92	5	750	St	10	-	-	*	1024.7	+1	NE	4	o.f	49	91	3	4,500	St	10	-	-	*	
Didsbury	1021.1	-2	NNW	4	b	54	85	7	-	-	-	-	-	*	1024.2	+2	NE	5	o	47	75	4	1,250	St	7	A.A.	2	*	
Falmouth	1021.1	-2	NNW	4	b	54	85	7	-	-	-	-	-	*	1020.4	+1	N	3	bc.f	54	92	5	-	cu	4	-	-	*	
Calshot (Hants)	1019.4	-1	N	4	om.D	54	92	4	750	Nb	10	-	-	*	1021.0	+2	ENE	3	0	53	75	8	2,000	Fri	2	A.St	8	2	*
Lympne (Folkestone)	1019.4	-1	N	4	om.D	54	92	4	750	Nb	10	-	-	*	1020.1	+1	NNE	5	og	49	85	7	2,000	cu	8	A.St	2	*	
Aberdeen	1023.2	0	NE	3	0	48	85	6	1,250	St	10	-	-	*	1026.3	+2	NNW	4	0	45	65	8	-	St	10	-	-	4	
Howden	1023.0	0	NNE	4	o.f	43	92	5	3,000	St	10	-	-	*	1023.7	+1	N	5	av	48	75	8	2,000	St	10	-	-	*	
Cranwell (Lines)	1023.0	0	NNE	4	o.f	43	92	5	3,000	St	10	-	-	*	1023.2	+1	N	5	o.f	46	92	6	3,000	St	10	-	-	*	
Felixstowe	1023.0	0	NNE	4	o.f	43	92	5	3,000	St	10	-	-	*	1020.8	+2	N	3	0	49	85	8	3,000	St	10	-	-	3	
Shoeburyness	1023.0	0	NNE	4	o.f	43	92	5	3,000	St	10	-	-	*	1021.3	+1	NNE	4	0	49	75	7	2,000	St	6	A.St	4	*	
Benson	1023.0	0	NNE	4	o.f	43	92	5	3,000	St	10	-	-	*	1021.7	+2	NNE	3	0	48	85	5	-	cu	10	-	-	*	
S. Farnborough	1023.0	0	NNE	4	o.f	43	92	5	3,000	St	10	-	-	*	1021.6	+2	NNE	3	o.f	49	85	6	1,250	Nb	10	-	-	*	
London (Kew Obs.)	1020.2	0	*	*	*	57	*	*	*	*	*	*	*	*	1021.7	+2	NNE	3	o.f	50	76	6	2,000	St	6	A.St	4	*	
Croydon	1020.7	-1	NNE	4	o.f	56	85	6	4,500	St	10	-	-	*	1021.9	+2	NE	4	o.f	49	85	6	1,250	St	10	-	-	*	
STATIONS CONTRIBUTING REPORTS AT 7H. AND 15H.																													
STATIONS.	BAROM. at M.S.L.	TEMP. °F.	WIND. Direc.	Force 0-12.	Weather	BAROMETER. at M.S.L.	TEMP. °F.	WIND. Direc.	Force 0-12.	Weather	SEA 0-9.	RAINFALL mm.	TEMP. Max. °F.	TEMP. Min. °F.	Morning.	Afternoon.	Night.	Sunshine Hours.											
	mb.					mb.																							
15H. G.M.T. of 3 rd										7H. G.M.T. of 4 th										24 HOURS ENDED 7H. 4 th									
Lerwick	1024.5	46	N	5	om	1025.2	+3	46	+1	N	5	-	cg	4	53	41	om	om	om	2.0									
Stornoway	1027.6	49	NNE	5	0	1030.2	+1	47	-5	ENE	2	-	c	1	54	45	o.c.	o.c.	0.0										
Castlebay (Barra Is)	1026.3	51	NW	4	o.f	1028.5	+1	48	-2	NE	4	-	b	4	53	45	o.f	f.b.c.b.	0.0										
Malin Head	1026.1	51	NW	3	om	1025.6	0	50	-1	E	2	-	c	2	Trace	54	48	c	om	0.2									
Blackod Point	1027.9	55	N	2	bc	1024.8	-3	53	0	NNE	2	-	cm	3	-	58	50	bc	bc	0									
Roche's Point	1025.8	60	SSW	1	b	1024.6	0	53	+3	NNW	2	-	b	1	0.1	64	49	f.b.	b.b.c.b.	0									
Birr Castle	1026.2	61	NW	1	c	1023.7	-	52	-2	W	1	-	y	-	1	63	44	c	c	9.3									
Donaghadee	1024.0	56	NW	3	bcq	1025.7	+2	47	-7	SE	3	-	cv	2	2	58	46	bcq	bcq	0									
Liverpool (Bidston)	1022.7	54	NNW	4	0	1024.3	+2	48	-4	ENE	4	-	b	3	1	57	46	bc.	o	2.9									
Holyhead	1024.5	55	N	4	b	1023.2	+2	51	-1	E	6	-	cm	4	Trace	56	49	b	b	14.0									
Pembroke (St. Ann's Head)	1024.1	60	N	3	bv	1022.1	-1	52	-2	NNE	2	-	o	2	-	62	49	bv	bv	15.1									
Scilly (St. Mary's)	1024.1	67	NE	2	bv.	1021.0	-1	53	-3	NE	4	-	o	4	-	62	52	h	bv.	14.9									
Jersey (St. Aubin)	1021.3	61	NW	2	b	1018.7	0	59	0	NW	2	-	b	2	-	66	56	bc.b.	b.	14.2									
Portland Bill	1021.8	61	W	2	bc	1020.1	-4	56	-2	NE	5	-	o	1	-	68	54	bc.	bc.	0									
Dunegness	1019.9	60	WSW	2	b	1019.3	+1	51	-10	NNE	5	-	c	5	1	64	46	bc	c.b.	0									
Wick	1025.8	47	N	3	0	1026.4	0	45	-1	N	3	-	o	2	-	49	44	o.f	o	0									
Nairn	1025.9	50	-	0	bc	1028.4	-	46	-8	N	2	-	cg	2	1	54	44	o.c.	o.c.	0.3									
Leith	1024.5	49	E	2	y	1026.5	+1	46	-9	NE	2	-	c	2	3	64	45	o.c.	o.c.	0									
Tynemouth	1023.3	49	NNE	3	om	1023.8	0	47	-8	NNE	8	-	om	6	3	60	46	om	om	0									
Spurn Head	1021.2	52	NNE	4	o.f	1021.2	0	51	-3	N	6	-	og	5	-	63	46	om	og	0									
Yarmouth (Gorleston)	1020.3	56	N	3	0	1019.5	-2	49	-7	N	6	-	om	4	-	64	48	c2.	bc2.	4.0									
Clacton-on-Sea	1020.3	60	E	3	c	1020.8	+2	49	-7	NE	3	-	o	2	2	69	47	c2	c2	7.1									
Nottingham	1021.0	63	NW	3	0	1023.6	-	48	-7	NNE	3	-	o	1	1	67	47	bc.	om	3.6									

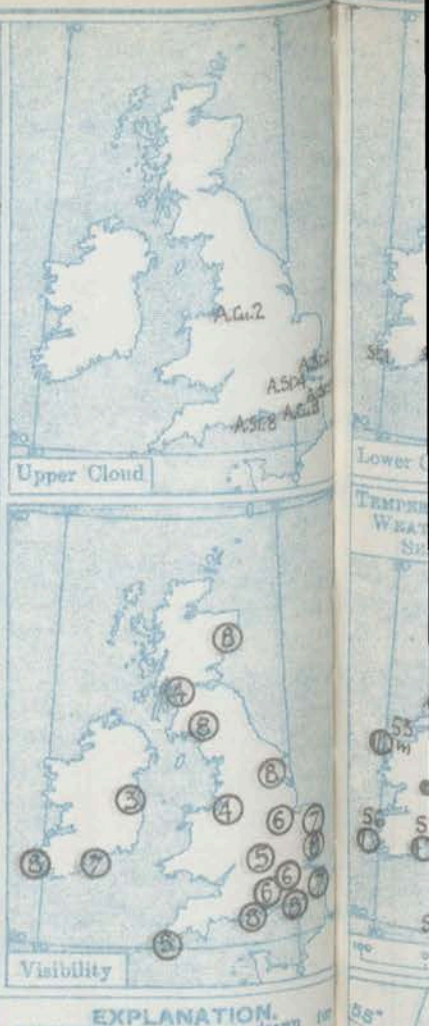
* Information for these columns not usually received.

† The barometric change is expressed in half millibars

‡ For code see page 4.

SUMMARY OF CONDITIONS AT 7h A.M.T. Friday, 4th June, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	N-NE.10-20	Cold.	Dull, misty.	Good.	Variable
2. E. England	Nly.16-25	"	Dull, local showers & mist.	"	Slight
3. E. Midlands	NNE.10	R.Cold.	Dull.	Fair.	"
4. W. Midlands	N-NE.10-15	"	Dull.	"	"
5. S.W. England	N-NE.10-20	Moderate	Fair to dull, local mist	Indiff.	Moderate
6. South Wales	NNE.5-10	"	Dull.	Fair.	Smooth
7. North Wales	NE-E.15-30	"	Cloudy, local mist.	Indiff.	Moderate
8. N.W. England	NE.10-20	R.Cold.	Fine to dull.	Fair.	Slight.
9. N. Midlands	N-NE.10-20	"	Dull.	"	"
10. N.E. England	N-NE.25-40	"	Dull, local mist.	Variable	Rough
11. E. Scotland	NNW-NE.5-15	Cold.	Cloudy or dull.	Good.	Slight.
12. S.W. Scotland	NE-ESE.5-15	R.Cold.	Dull, local mist.	Variable.	Smooth
13. Isle of Man	Ely.10-15	"	Cloudy or dull.	Indiff.	Slight
14. N. & N.W. Scot- land	N-E.5-10	"	Cloudy or dull.	"	Smooth
15. Hebrides	NE-E.5-15	"	Fine to cloudy	Fair	Slight
16. Orkneys and Shetlands	N.15-20	Moderate	Cloudy, squally.	"	Moderate
17. N.W. Ireland	NE-E.5	"	Cloudy, misty.	Poor	Slight
18. N.E. Ireland	E-SE.5-10	"	Cloudy.	Indiff.	Smooth
19. S.E. Ireland	N-E.5-15	"	Dull, local rain & mist.	Poor.	"
20. S.W. Ireland	Var.2	"	Fine.	Good	"



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

An anticyclone is centred between Scotland and Iceland, with the lowest pressure over the Baltic region and some slight secondary depressions over England and Ireland. Cool weather, with much cloud and some slight rain locally, seems probable for a time followed by an improvement.

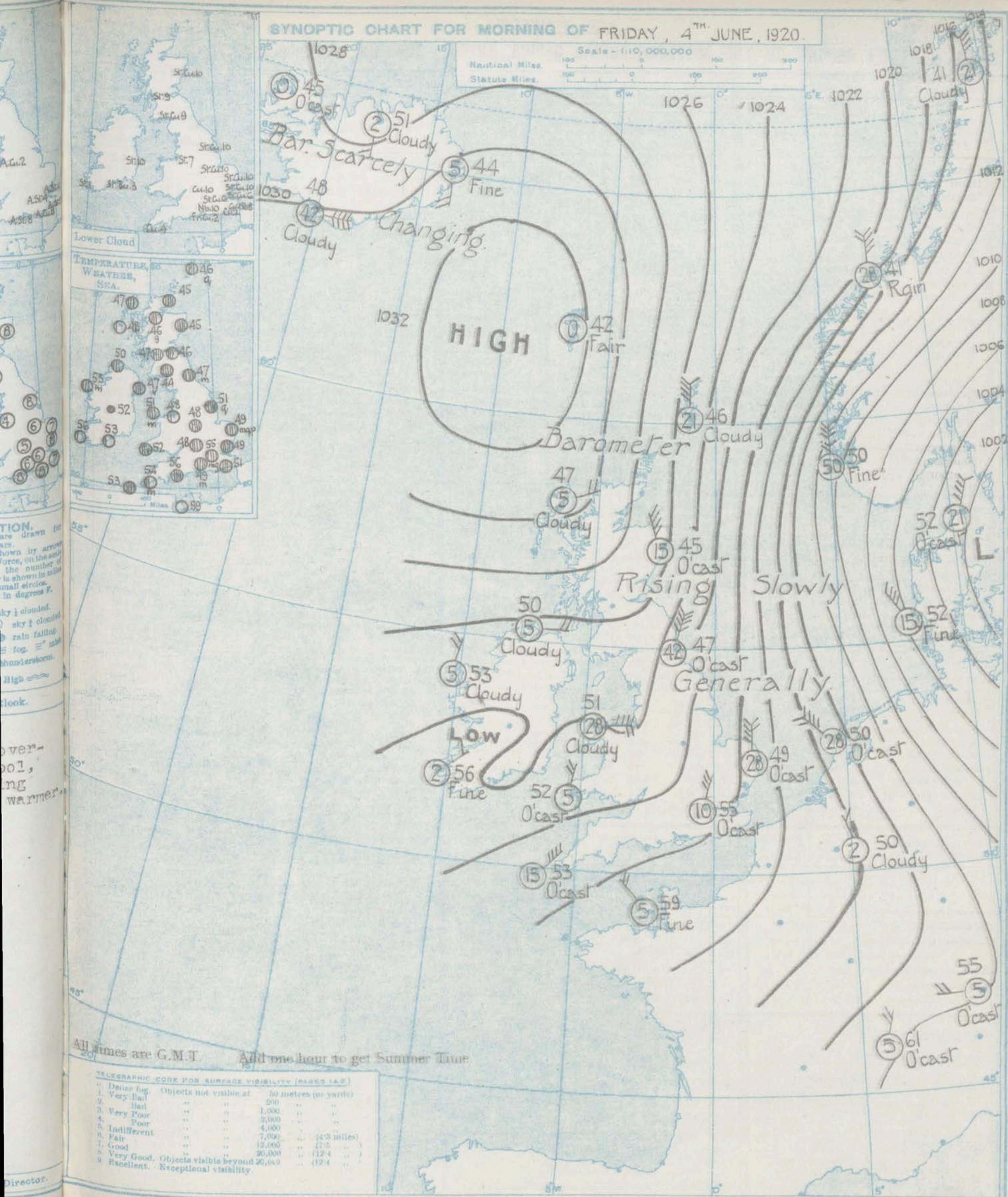
EXPLANATION.
 BAROMETER.—Isobars are drawn for intervals of two millibars.
 WIND.—Direction is shown by arrow flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.
 TEMPERATURE is given in degrees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

Districts.	Forecasts for the 24 hours commencing 15h G.M.T. Friday, 4th June, 1920.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind between North and North-East, light or moderate, stronger along East coast; mainly cloudy or overcast, some slight local rain, fairer intervals; visibility fair to good; temperature low.
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scot- land 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland	Wind North or North-East, light or moderate; cloudy or overcast; then fairer; visibility mainly good; temperature low.
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind between East and North, light or moderate; mainly cloudy or overcast, slight rain locally, then fairer; visibility fair to good; temperature low.

Further Outlook.
 Cloudy or over-
 cast and cool,
 then becoming
 fairer and warmer.

SYNOPTIC CHART FOR MORNING OF FRIDAY, 4TH JUNE, 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 (BASES I.A.E.)		
0. Dense fog	Objects not visible at	50 metres (or yards)
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	"	26,000 "
8. Very Good	Objects visible beyond	26,000 "
9. Excellent	Exceptional visibility	12.4 "

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 156.

Friday

4TH June

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

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.		
Scotland.	Oban	o	o	54	49	-	-	0.0	0.0	England, N.W.	Douglas (L.O.M.)	*	*	61	49	-	-	4.0	0.0
	Banff	d.	o.c.o	51	47	10	0.3	0.1	0.0		Blackpool	o	c	59	52	-	-	6.6	2.6
	Montrose	of	of	53	46	-	-	0.0	1.0		Southport	o.c.b.c	b.b.c	57	52	-	-	5.0	0.4
	St. Andrews	*	*	61	46	-	1	0.2	3.7										
England, N.E.	Harrogate	b.b.c.b	b.c.c.o	66	45	-	-	4.4	7.2	Midlands.	Buxton	c.b.c.b	b.c.b.	58	47	-	-	1.9	0.4
	Scarborough	b	o	67	50	-	-	4.5	6.0		Leamington Spa	o.c.b.	c.z	67	50	-	-	5.0	5.7
	Skegness	b	o	61	55	-	-	5.0	7.1		Malvern	o.c.	b.c.b.	68	51	-	-	7.4	9.6
England, E.	Lowestoft	o.c.b.c	b.c.c.o.	62	54	-	-	4.5	9.2		Ross-on-Wye	b.c.b	b.g	73	48	-	-	7.0	10.6
	Felixstowe	c.z.b.c	o.g.z	68	56	-	-	7.7	9.8		Bath	b.c.c.o.b	b.c.b.	70	48	-	-	7.3	6.5
	Southend-on-Sea...	o.c.	b.c.c.	70	55	-	-	5.0	11.7	Wales.	Rhyl	b	b	69	52	-	-	11.3	0.6
											Colwyn Bay	*	*	60	53	-	-	9.5	0.6
											Llandudno	*	*	60	51	-	-	12.1	3.2
											Aberystwyth	c.b.	b.b.c	59	56	-	-	11.7	2.0
											Swansea	*	*	73	58	-	-	11.0	9.4
England, S.E.	Tunbridge Wells	o	b.c.b	70	54	-	-	4.7	11.4	England, S.W.	Weymouth	b.c	b.c	75	54	-	-	12.0	10.4
	Margate	c	c.b.c.b.	66	57	-	-	3.9	11.4		Teignmouth	b	b	72	54	-	-	12.0	11.8
	Ramsgate	*	*	65	54	-	-	4.4	12.1		Torquay	b	b	70	54	-	-	11.9	10.8
	Folkestone	b.c	b	67	54	-	-	6.2	?		Paignton	b	b	71	52	-	-	12.2	10.2
	Hastings	o.c.	o.b.c	66	55	-	-	5.6	11.4		Penzance	b	b	67	53	-	-	11.6	6.8
	Eastbourne	b.c.c.o	c.b.c	66	56	-	-	6.5	10.4		Newquay	b	b	59	52	-	-	10.5	5.4
	Brighton	b.b.c.c.	c.b.c.b.	70	54	-	-	9.2	14.3		Bude	b	b	63	44	-	-	11.0	6.8
	Worthing	b	b	68	53	-	-	10.5	13.4		Ilfracombe	c.b.c	b.c.b.	62	51	-	-	9.4	9.2
	Littlehampton	b	b	74	53	-	-	9.0	12.7		Weston-s-Mare	b.c.b.	b	65	52	-	-	11.5	7.2
	Portsmouth (S th sea)	*	*	67	53	-	-	8.7	11.7		Jenby (Coates)	b.c	b	68	61	-	-	12.8	7.7
	Bournemouth	*	*	71	51	-	-	12.0	10.8										
	Ventnor (I. of W.)	*	*	71	50	-	-	11.1	12.7										

SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	RAINFALL.		Sun. Hours.
	7h-12h ^{3/4}	12h-18h ^{3/4}	18h-...-1h ^{4/4}	1h-7h ^{4/4}				Day. 7h-18h	Night. 18h-7h	
Renfrew	a.f.c	c. o.f	DD	o.f.z.f.c.	*	*	*	mm. †	mm. †	*
Eskdalemuir ...	o.g.o.c	c.o.	od.m.o.	b.c.c.o	63	38	?	-	0.2	1.5
Valencia (Cabrillveen) ...	b.c	b.c.b.	b.	b.w.	62	47	41	-	-	14.8
Baldonnel ...	3.c.o	2.c.o.	b. bcz	ref. r.t.	63	48	=	Trace	1	9.5
Didsbury ...	c.o. o.f	b.c.c.	b	o.f.w	63	46	41	-	Trace	*
Falmouth ...	b	b	b	b. bc	69	51	48	-	-	15.1
Calshot (Hants) ...	b.c.c.f	b.c.z.	b.c.c.o	b.c.c.o	67	53	54	-	-	10.9
Lympne (Folkestone) ...	o.g.f. r.g	c.b.c.z	c.f. om.DD	h.g.d.g.h	66	49	48	-	0.1	7.5
Aberdeen ...	o.g.z.f. o	a.c.o.	c.o.	c.o.	53	44	43	1	-	0.1
Howden ...	c.c.o	d.d.z	d.d.o	d.d.o.	67	44	45	14	-	5.5
Cranwell (Lincs) ...	b.c.c.z.f	z. u	DD	RR	67	43	*	-	2	5.8
Felixstowe ...	3. b.c.c	b.c.	T. c.	T. c.	69	48	*	*	*	*
Shoeburyness ...	o.f.c. f.b.c.f	c. bcz	b.c. c.o	d.d.o.	70	48	48	-	0.3	5.0
Benson ...	o.f.	b.c.b.	b.c. o.f	b.c. o.f	70	48	51	-	0.1	*
S. Farnborough ...	o.f.c. o.f	o.z. bcz	bcz. af	bcz. af	68	49	51	-	-	6.5
London (Kew Obsy.) ...	o.f. b.c.f. y	bcz. y. bcz	o.f. o.f.g.	o.f. g.	70	49	49	-	-	6.9
Croydon ...	o.f.c. bcz.f	bcz. bz.	o.f. o.f	o.f. d.d. r.t	70	49	*	-	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.

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	1.6-5.8
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	28.5-33.5
12	Above 75	33.6 or above

SYMBOLS—

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

LONDON OBSERVATIONS.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		HUMIDITY %	
	Morning.	Afternoon.	Night.	Max. °F.	Min. °F.	Min. on Grass. °F.	Rain-fall. in.	Sun-shine to Sunset. Hours.	15h. G.M.T.	9h. G.M.T.
	24 HOURS ENDED 9H G.M.T. 4TH June 1920							YESTERDAY.	TO-DAY.	
Greenwich (Royal Observatory)	o. bc	bc	o. of. o	73	49	49	0.3	6.2	47	68
City (Bunhill Row) ...	"	"	"	"	"	"	"	6.4	"	"
Westminster (St. James's Park)	"	"	"	71	51	47	-	6.6	48	64
" (Admiralty Arch)	bcz	c2	o2	76	51	"	-	6.5	57	78
Camden Sq. (British Rainfall)	o.c.	bc. b.	"	74	51	50	-	"	50	66
Kensington Palace ...	b.	b. bc.	"	71	50	50	-	"	58 (18h)	64
Hampstead Observatory ...	"	"	"	65	47	"	-	6.4	"	68

SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.	HUMIDITY %	
	15h. G.M.T.	9h. G.M.T.
Total	17.22	Joules.
Average Rate.	29.4	Milliwatts.
Maximum Rate.	86	

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

Stations.	4TH & 5TH June 1920		
	Sunrise.	Noon.	Sunset.
Yarmouth...	3.35	11.51	8.7
Greenwich	3.34	11.51	8.8
Wick	3.48	11.58	8.9
Valencia ...	3.12	12.10	9.7

Photographic Record of

Pole Star (Polaris) and of δ Ursae

Minors at Greenwich Observatory.

Exposure from 21 h. 9 m. to 3 h. 9 m.

Stars.	Duration of Exposure	Duration of Record.	%
Polaris	6.0	-	-
δ Ursae	6.0	-	-
Minors	6.0	-	-

NOTES ON THE WEATHER OF YESTERDAY.

Temperature touched or exceeded 70° in several parts of England, but remained below 55° at some stations in the North-West and North of the Kingdom and rose to only 49° at Wick. Slight rain or drizzle fell over a wide area and as much as 14 mm at Howden. Bright sunshine records were high except in Scotland, the North of Ireland and locally in the South East of England.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 21380

Saturday, 5th June.....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.	Humidity. %	Visibility. 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM. at M.S.L.	Change in 3 hours.	WIND.		Weather.	TEMP.	Humidity. %	Visibility. 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.						
	mb.		Dir.	Force 0-12.		°F.				Form.	Amt. 0-10.	Form.	Amt. 0-10.		°F.		Form.	Amt. 0-10.		Form.				Amt. 0-10.										
13h. G.M.T. of 4 th														18h. G.M.T. of 4 th																				
Renfrew	1025.8	-1	NE	2	b	59	65	8	3,000	Fr. Cu	3	-	-	*	1024.4	-1	-	0	b2f	57	65	5	3,000	Fr. Cu	2	-	-	-	*					
Eskdalemuir	1025.7	0	NE	4	bcy	53	55	8	3,000	Cu	4	Ci	2	-	*	1024.6	-2	NE	3	b	55	65	8	-	-	-	ci	1	-	*				
Valencia (Cahire'n)	1023.6	+1	WSW	3	b	62	75	8	3,000	Cu	3	-	-	-	*	1023.4	0	WSW	2	0	56	85	8	3,000	St	10	-	-	-	2				
Baldonnel	1025.6	0	NE	4	bc3	55	75	6	3,000	Cu	4	-	-	-	*	1025.1	-1	E	4	b3	53	85	8	-	-	-	-	-	-	*				
Didsbury	1024.5	+1	NE	5	c	55	55	5	3,000	St. Cu	8	-	-	-	*	1023.6	-2	NE	4	b	56	55	5	4,200	Cu	1	ci	St	1	-	*			
Falmouth	1021.6	+2	ESE	4	og2f	56	85	4	-	St	10	-	-	-	*	1022.0	0	ESE	3	?b	55	85	7	-	-	-	-	-	-	-	*			
Calshot (Hants)	1022.4	+1	NNE	3	bc	59	55	8	3,000	Cu	6	-	-	-	*	1022.1	0	NE	4	bc	59	55	8	3,000	Cu	2	ci	2	3	-	*			
Lympne (Folkestone)	1020.3	0	NNE	6	0	53	65	8	3,000	St. Cu	9	-	-	-	*	1020.3	0	N	5	bcg	52	65	8	3,000	St. Cu	6	-	-	-	-	*			
Aberdeen	1026.6	0	NNW	4	c	50	55	8	-	St. Cu	8	-	-	-	*	1026.3	0	NNW	4	c	47	65	8	-	St. Cu	8	-	-	-	-	4			
Howden	1024.2	+1	N	6	og	50	75	8	3,000	St. Cu	9	-	-	-	*	1024.0	-1	N	6	ogv	49	75	9	3,000	St. Cu	8	ci	1	-	-	*			
Cranwell (Lincs)	1023.5	0	NNE	5	c	51	75	7	2,000	Cu	8	-	-	-	*	1023.4	0	N	4	0	50	75	6	2,000	Cu	9	-	-	-	-	*			
Felixstowe	1020.8	0	N	5	bc	55	65	8	4,200	Cu	5	-	-	-	*	1021.5	0	N	5	0	52	65	7	3,000	Cu	9	-	-	-	-	*			
Shoeburyness	1021.3	0	NNE	4	c	59	55	8	3,000	Cu	7	-	-	-	*	1021.5	0	NNE	3	b	56	55	6	-	-	-	-	-	-	-	*			
Benson	1022.2	0	NNE	3	c	55	65	5	-	Cu	8	-	-	-	*	1021.9	0	NNE	3	bcif	55	65	7	2,000	Cu	4	ci	2	-	-	*			
S. Farnborough	1022.2	0	N	3	oif	57	65	7	3,000	St. Cu	9	-	-	-	*	1021.9	0	NNE	4	c	54	55	7	4,200	Cu	5	ci	2	-	-	*			
London (Kew Obs.)	1022.4	0	N	4	c	53	55	7	3,000	St. Cu	8	-	-	-	*	1021.9	0	NNE	4	c	54	55	7	4,200	Cu	5	ci	2	-	-	*			
Croydon	1022.1	+2	NNE	4	oif	54	75	7	3,000	St. Cu	10	-	-	-	*	1021.3	0	NE	4	cif	54	65	7	3,000	St. Cu	7	-	-	-	-	*			
1h. G.M.T. of 5 th														7h. G.M.T. of 5 th																				
Renfrew	1025.5	-1	N	2	b	44	85	7	-	-	-	-	-	*	1023.7	0	NE	2	c2f	46	85	4	1,250	St	8	-	-	-	-	*				
Eskdalemuir	1024.3	0	W	2	bc	53	-	-	-	-	-	-	-	*	1024.1	-1	NE	3	0	42	85	7	2,000	St	10	-	-	-	-	-	*			
Valencia (Cahire'n)	1024.3	0	-	0	bc	53	-	-	-	-	-	-	-	*	1022.6	0	-	0	b3w	53	85	6	-	-	-	-	-	-	-	-	*			
Baldonnel	1023.2	0	-	0	bif	?	97	10	4,200	Cu	1	-	-	-	*	1023.4	-2	-	0	bc	50	85	8	-	-	-	-	-	-	-	-	*		
Didsbury	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	1022.9	-1	NE	3	bc3	45	75	4	3,000	St. Cu	3	A. Cu	1	-	-	-	*		
Falmouth	1022.8	0	ESE	2	bife	48	92	6	-	-	-	-	-	-	*	1022.3	+1	E	2	bif	52	75	5	-	-	-	-	-	-	-	-	*		
Calshot (Hants)	1022.2	0	NNE	2	b	46	75	7	-	-	-	-	-	-	*	1022.1	0	NE	3	0	48	65	8	750	St. Cu	10	-	-	-	-	-	2		
Lympne (Folkestone)	1020.1	0	N	5	og	47	75	7	2,000	St. Cu	10	-	-	-	*	1019.3	0	N	4	0	42	75	7	2,000	St. Cu	10	-	-	-	-	-	-	*	
Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	1023.9	-1	NNW	3	0	45	65	8	-	St. Cu	10	-	-	-	-	-	4		
Howden	1022.9	-1	N	5	og	45	75	6	2,000	St. Cu	9	-	-	-	*	1022.2	0	N	5	0	47	75	7	2,000	St. Cu	9	-	-	-	-	-	-	*	
Cranwell (Lincs)	1023.9	0	N	5	bc	44	92	5	3,000	St	6	-	-	-	*	1022.0	-1	N	5	oif	45	85	6	2,000	St	10	-	-	-	-	-	-	*	
Felixstowe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	?	0	N	4	0	48	75	8	1,250	Cu	10	-	-	-	-	-	-	4	
Shoeburyness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	1020.3	0	N	6	0	48	75	7	2,000	St. Cu	10	-	-	-	-	-	-	*	
Benson	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	1021.4	0	N	4	0	46	75	5	-	Cu	9	-	-	-	-	-	-	*	
S. Farnborough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	1021.6	-1	N	3	oif	46	75	7	2,000	St. Cu	10	-	-	-	-	-	-	-	*
London (M.O. at In.)	1021.8	-1	-	-	-	47	-	-	-	-	-	-	-	-	*	1021.3	-1	N	3	0	47	65	8	2,000	St. Cu	10	-	-	-	-	-	-	-	*
Croydon	1022.4	-1	NNE	4	oif	47	75	6	2,000	St	10	-	-	-	*	1021.8	0	N	4	oif	47	75	6	2,000	St	10	-	-	-	-	-	-	-	*
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 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.													
	mb.		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.														
Lerwick	1026.0	45	N	6	bc	1023.4	-1	43	-3	N	6	-	cm	4	-	52	40	cmg	bcg	cm	-													
Stornoway	1029.0	49	NNE	2	bc	1025.9	0	46	-1	NE	2	-	0	1	-	51	43	c.bc	bc	0	9.2													
Castlebay (Barra)	1026.6	52	N	5	b	1024.4	0	49	+1	NE	4	-	b	4	-	54	44	b	b	b	15.3													
Malin Head	1025.7	53	NE	2	bc	1023.3	0	51	+1	W	1	-	bc	1	-	55	36.45	bc	bc	bc	11.5													
Blacksod Point	1023.7	59	NNE	1	bc	1023.4	0	55	+2	-	0	-	bc	0	-	62	45	c	bc	bc	-													
Roche's Point	1024.2	56	SE	3	b3	1024.3	0	51	-2	NE	1	-	b	1	0.1	62	43	b.o. bc	bc. b3	bw	-													
Birr Castle	1023.6	61	SE	1	c	1024.2	-	47	-5	E	1	-	bc	-	-	63	35	c	c	bc	7.9													
Donaghadee	1024.9	54	S	2	b3	1023.1	0	51	+4	S	2	-	bcu	2	-	57	41	cv	bc	bcu	-													
Liverpool (Bidston)	1023.6	55	NNW	3	b	1022.9	-1	48	0	ESE	1	-	b	1	-	59	43	bc	bc. b	bm	13.0													
Holyhead	1024.1	54	NE	5	b	1022.9	-1	51	0	-	0	-	b3	0	-	57	43	c. b	b	b3	13.2													
Pembroke (St. Ann's Head)	1022.9	55	S	2	bm	1023.3	0	50	-2	NE	1	-	bm	1	-	60	45	0	bcu	bm	6.2													
Scilly (St. Mary's)	1021.5	55	SE	3	0	1022.7	0	55	+2	E	2	-	bc	3	-	61	50	0. bc. om	om	b. bc	2.7													
Jersey (St. Aubin)	1020.6	58	ENE	4	b	1020.9	0	53	-6	NE	4	-	c	3	-	61	44	b. o. c	c. b	bw. c	10.0													
Portland Bill	1022.2	58	E	3	bc	1022.2	0	51><																										

* 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. H.M.T. Saturday, June 5th, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	N. 10-15	V. Cold.	Dull, local mist.	Good.	Slight.
2. E. England	Nly. 15-30	Cold.	Cloudy or dull, local squalls.	"	Moderate
3. E. Midlands	Nly. 10-15	"	Cloudy or dull.	Fair.	-
4. W. Midlands	Nly. 5-15	R. Cold.	Fair to dull.	"	-
5. S.W. England	NE-E. 2-10	Moderate	Fair or fine.	"	Slight.
6. South Wales	NE. 2	"	Fine, some mist.	Indiff.	Smooth.
7. North Wales	Calm.	"	Fine, some haze.	"	Calm.
8. N.W. England	NE-SE. 2-10	Cold.	Fine to cloudy.	Fair.	Smooth.
9. N. Midlands	Nly. 2-10	"	Fair to dull.	"	-
10. N.E. England	N-NE. 15-30	"	Cloudy or dull, squally, local showers.	Good.	Rough.
11. E. Scotland	N-E. 2-10	"	Dull.	"	Slight.
12. S.W. Scotland	NE. 5-10	"	Cloudy or dull, local mist	Variable	Smooth.
13. Isle of Man	NEly. 0-5	Moderate	Fair or fine.	Fair.	"
14. N. & N.W. Scotland	N-NE. 2-10	R. Cold.	Cloudy or dull.	Indiff.	Slight.
15. Hebrides	NE. 5-15	"	Variable sky.	Fair.	"
16. Orkneys and Shetlands	N. 20-30	Cold.	Cloudy, misty.	Poor.	Moderate
17. N.W. Ireland	Calm.	R. Warm.	Fair.	Fair.	Calm.
18. N.E. Ireland	Var. 0-5	Moderate	Fair, local mist.	Indiff.	Smooth.
19. S.E. Ireland	N-E. 0-2	"	Fair.	Good	"
20. S.W. Ireland	Var. 0-2	"	Fine, local haze.	Fair.	"



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

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

The anticyclone is now centred off Iceland and extends to the Hebrides. Pressure is still lowest over the Baltic region. The pressure changes in progress are very slight and there appears to be no indications of any important change in the general wind current at present.

Districts.	Forecasts for the 24 hours commencing 3h. G.M.T. Saturday, 5th June, 1920.
1. S.E. England	Wind mainly North, light or moderate; fresh in places; much low cloud, some slight rain locally; fairer intervals; temperature low; visibility fair.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Wind mainly between North and East, light; fair generally; more cloud at times; temperature low; visibility fair to good.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Same as 1 - 3.
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	Wind between North and North-East, light; cloudy or dull; fairer intervals; temperature low; visibility fair or good.
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	Wind light, variable or between North and East; fair generally; temperature rising; visibility fair or good.
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Further Outlook.

The temperature is likely to continue below the normal for the ensuing 48 hours. Fairer weather is probable in the West than in the East.

SYNOPTIC CHART FOR MORNING OF SATURDAY, 5TH JUNE, 1920.

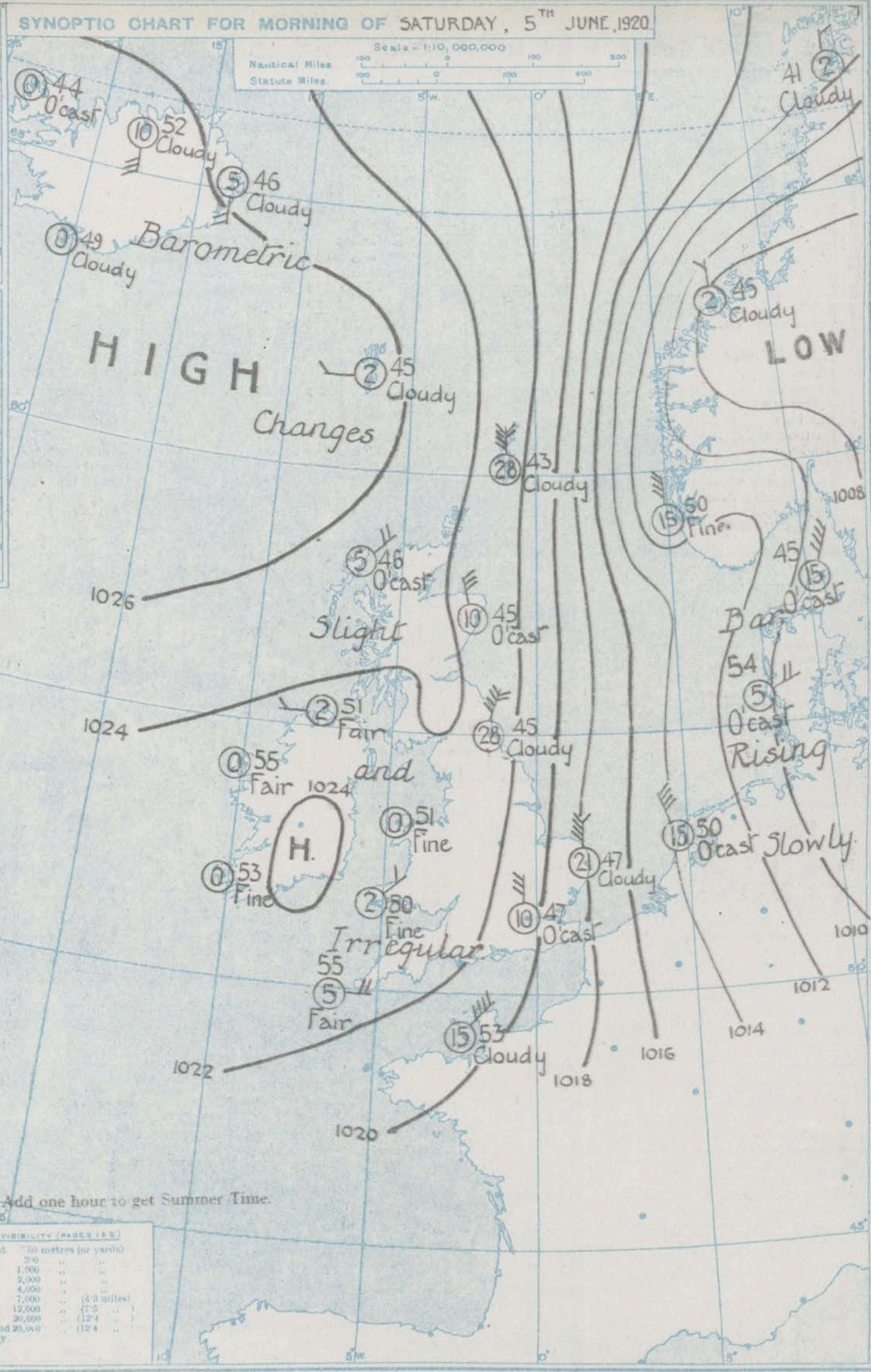
Scale - 1:10,000,000
Nautical Miles. 100 0 100 200
Statute Miles. 100 0 100 200

Lower Cloud

TEMPERATURE, SEA.
WEATHER, SEA.



ION. drawn for
own by arrow
res, on the side
the number of
shown in miles
half circles.
degrees 7.
clouded.
ky & clouded
rain falling.
fog. \equiv mist
and uniform.
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48
r
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West
East.



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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 122)

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

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 ...	bc	b	65	39	-	-	12.3	0.0	England, N.W.	Douglas (I.O.M.)	-	-	58	46	-	-	12.4	4.0	
	Banff ...	o	o	49	41	-	-	0.8	0.1		Blackpool ...	c.bc	-	58	45	-	-	12.0	7.5	
	Montrose ...	c.bc	b	56	44	-	-	5.2	0.0		Southport ...	bc.c	bc.b	59	45	1	-	10.7	6.3	
	St. Andrews ...	-	-	55	43	-	-	12.2	0.2											
England, N.E.	Harrogate ...	o.c.c	c.bc.c	51	43	-	-	3.4	4.4	Midlands.	Buxton ...	o.c.bc	bc.bc.b	50	42	1	-	3.8	3.1	
	Scarborough ...	c	c	68	47	-	-	0.4	4.5		Leamington Spa ...	o.c.b	c	57	48	-	-	3.1	7.3	
	Skegness ...	o	o	53	47	0.2	-	0.5	5.0		Malvern ...	3	3	58	46	-	-	4.7	9.7	
	Lowestoft ...	o.c.bc	bc.c.o	56	48	-	-	3.7	4.5		Ross-on-Wye ...	cf.bc	bc.c.bc	59	47	0.1	-	5.2	10.0	
England, E.	Felixstowe ...	cf	bc	57	50	1	-	4.5	7.7	Wales.	Bath ...	o.cbc	b.bc	59	50	-	-	6.2	9.1	
	Southend-on-Sea...	p.o.c	bc.c	60	48	1	-	5.0	5.0		Rhyl ...	bc.b	b	59	47	1	-	10.2	13.4	
											Colwyn Bay ...	-	-	57	48	1	-	9.0	12.8	
											Llandudno ...	-	-	57	48	1	-	10.1	14.4	
England, S.E.	Tunbridge Wells	o	bc.c	58	47	1	-	3.2	5.7	England, S.W.	Aberystwyth ...	o.c.b	b.bc	63	53	-	-	8.7	14.4	
	Margate ...	c	c.bc	55	50	3	-	2.3	3.9		Swansea ...	-	-	64	53	-	-	3.6	12.1	
	Ramsgate ...	-	-	55	47	4	-	3.4	4.4		Weymouth ...	o.c	bc	65	52	-	-	4.3	14.0	
	Folkestone ...	c	c	57	50	-	-	4.2	6.7		Teignmouth ...	o	c.bc	66	55	-	-	2.0	14.5	
	Hastings ...	o.c	o.bc	59	49	0.3	-	4.6	7.5		Torquay ...	o	b	61	54	-	-	2.6	14.4	
	Eastbourne ...	o	c.bc	60	50	-	-	3.6	8.0		Paignton ...	o	ob	62	53	-	-	2.2	14.1	
	Brighton ...	o	o.c.bc	60	52	-	-	3.6	11.2		Penzance ...	c.bc.c	c.o	64	53	-	-	2.3	13.6	
	Worthing ...	o	bc	59	51	-	-	4.4	12.5		Newquay ...	o.bc.o	ob	60	52	-	-	2.5	13.6	
	Littlehampton ...	c.o	bc	69	52	-	-	5.0	10.4		Bude ...	c	b	63	44	-	-	3.8	13.5	
	Portsmouth (S. Sea)	-	-	60	48	-	-	6.6	10.2		Ilfracombe ...	o.c.bc	bc.b3	59	52	-	-	4.8	11.8	
	Bournemouth ...	-	-	62	51	-	-	5.5	14.0		Weston-s-Mare ...	o.c.bc	bm	60	51	-	-	5.5	13.5	
	Ventnor (I. of W.)	-	-	71	50	-	-	5.8	12.9		Jenby (Wales)	c	bc.b	62	53	-	-	3.9	16.0	

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. 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.				TEMP.		RAINFALL.		Sun. Hours	No.		Limits of Velocity at about 30 feet above ground.		
	7h-13h.	13h-18h.	18h-11h.	11h-7h.	Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	Day. 7h-13h.				Night. 13h-7h.	Statute miles per hour.	Metres per second.
Ranfurly	c.a.b.bc	b.bc.z.f		bc.c.z.f	*	*	*	mm.	mm.	*				
Eskdalemuir ...	a.c.bcy	bcy.b	b	b.bc.c.o	57	35	-	-	-	-	12.3			
Valencia (Cahirveen) ...	b.b.bc	b.bc.c.o	o.z.c.o	bc.bw	64	47	42	-	-	-	10.7			
Baldonnel ...	c.o.z	z.b.bc	b.bcz	b.bcw	?	?	*	-	-	-	9.3			
Didsbury ...	c	bc.c		b.bcw	56	38	32	-	-	-	*			
Falmouth ...	bc.f.c.z	afz.o.z	o.b.z	bz.f.b	63	44	37	-	-	-	3.4			
Calshot (Hants) ...	c.o.bec	b.bc	b.f	bc.c.o	61	42	39	-	-	-	9.4			
Lympne (Folkestone) ...	oq	o.cq	c.oq	oq	56	45	47	-	-	-	5.5			
Aberdeen ...	o.c.o	c.o	c.o		51	44	42	-	-	-	3.1			
Howden ...	cq	cq	q.c.o	cq	56	46	43	*	*	*	4.3			
Cranwell (Lincs) ...	o.f.c	c.o.c	c.o.b.c	c.o.o.f	53	44	*	bucc	-	-	3.2			
Felixstowe ...	c.b.c			a.o.c	57	46	*	*	*	*	*			
Shoeburyness ...	c.o.c	c.o.c		c.o	59	46	46	-	-	-	4.5			
Benson ...	a.c	bc		b.o	59	33	35	-	-	-	*			
S. Farnborough ...	a.c.o.f	c.b.o.f		b.bc.o.f	58	37	31	-	-	-	5.8			
London (Kew Obs.) ...	oq.oq	cy		bc.c.o	56	46	43	-	-	-	3.0			
Croydon ...	o.f	o.f	bc.o.f	c.o.f	58	46	*	-	-	-	*			

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. OBSERVATIONS.		WEATHER.		Max. Temp.	Min. Temp.	Min. on Grass.	Rain- fall.	Sun- shine to Sunset.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.				
Morning.	Afternoon.	Night.	° F.	° F.	° F.	in.	Hours.	15 h. G.M.T.	9 h. G.M.T.							
24 HOURS ENDED 9h G.M.T. 5th								YESTERDAY.		TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday		5th & 6th June 1920.			
												Stations.	Sunrise.	Noon.	Sunset.	
Greenwich (Royal Observatory)	0	0.c.0	0	60	46	41	-	4.1	52	67			G.M.T.	G.M.T.	G.M.T.	
City (Bunhill Row)	*	*	*	*	*	*	*	3.9	*	*		Yarmouth...	3.34	11.51	8.8	
Westminster (St. James's Park)	*	*	bc.0	59	47	41	-	4.1	53	64		Greenwich	3.34	11.51	8.9	
" (Admiralty Arch)	03	bc.cq	cq.cq	59	47	*	-	4.0	68	64	Total 111.7	Joules.	Wick	3.44	11.58	8.9
Camden Sq. (British Rainfall)	0.0	c.0	*	61	47	44	-	*	55	67	Milliwatts.		Valencia ...	3.13	12.10	9.8
Kensington Palace	c	c.bc	*	58	47	44	-	*	57 (18h)	70	Average Rate. 19.0			3.12	12.10	9.9
Hampstead Observatory	*	*	*	55	44	*	-	4.6	*	72	Maximum Rate. 82			4.25	12.39	8.54

Photographic Record of

NOTES ON THE WEATHER OF YESTERDAY.

Pole Star (Polaris) and of δ Ursae

Minoris at Greenwich Observatory.

Exposure from 21.11.9. m. to 5.3.11. m.

Temperature remained below 60° over a large portion of the Kingdom including the South-East of England. On the North-East coast of England and at Wick the maximum was below 50° . During the night the thermometer fell to below 40° in several localities. On the grass the minimum was 31° at South Farnborough and 32° at Didsbury. Bright sunshine was abundant at some Northern and Western stations, but over the Eastern and Southern districts the day was cloudy or overcast.

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



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B21381

..... SUNDAY, 6TH JUNE..... 1920.

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

STATIONS.	13H. G.M.T. 5 TH														18H. G.M.T. OF 5 TH													
	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Force 0-12.	Weather.	Temp. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Force 0-12.	Weather.	Temp. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.		
Renfrew.	1021.3	-2	NE 2	bc	57	68	6	3,000	Fcum	1	Ci	3	4	1019.6	-3	NE 2	bif	58	75	6	3,000	Scal	9	-	-	4		
Esksdalemuir	1021.5	-2	NE 3	cy	54	58	7	3,000	Cu	3	Ci	3	4	1020.3	-1	ENE 2	bic	53	55	8	-	-	-	Ci	6	4		
Valencia (Cabre's)	1021.9	-1	N 2	b2	60	75	7	4,250	Cu	3	-	-	2	1021.4	-1	WSW 2	bicif	57	85	6	5,700	Cu	6	-	-	2		
Baldonnel	1021.5	-3	- 0	b	54	55	7	-	-	-	Ci	3	4	1019.5	-1	ESE 2	b	64	65	6	-	-	-	Acm	2	4		
Didsbury	1020.0	-1	NE 2	bczf	59	55	5	5,700	Cu	5	Ci	1	4	1019.4	-1	ENE 3	bczf	57	55	5	4,200	Fcum	3	Ci	1	4		
Falmouth	1021.5	+1	SE 2	bif	58	75	5	-	Cu	1	-	-	4	1019.5	-2	NNW 3	bif	62	43	6	-	-	-	-	-	4		
Calshot (Hants)	1020.2	-2	N 3	b	58	55	8	2,000	Cu	3	-	-	2	1019.1	0	WSW 2	bc	55	75	8	2,000	Cu	2	A.st	2	2		
Lympe (Folkestone)	1018.8	0	N 5	og	50	75	8	3,000	Scal	10	-	-	4	1018.8	0	N 4	og	50	75	8	3,000	Scal	10	-	-	4		
Aberdeen	1022.7	-1	N 2	c	49	53	8	-	Scal	8	-	-	4	1021.7	-1	NNW 3	b	49	55	8	-	Scal	3	-	-	4		
Howden	1021.7	-1	N 5	og	50	85	8	2,000	Scal	10	-	-	4	1020.7	0	N 5	cv	47	75	9	4,200	Scal	8	A.st	1	4		
Cranwell (Lines)	1021.0	-1	NNE 5	o	54	75	6	3,000	Scal	9	-	-	4	1020.5	-1	N 4	c	50	75	8	3,000	Scal	8	-	-	4		
Felixstowe	1019.2	-1	N 3	og	51	75	8	3,000	Scal	10	-	-	4	1019.1	0	N 3	og	49	75	8	3,000	Scal	10	-	-	4		
Shoeburyness	1019.9	0	N 5	o	52	65	7	2,000	Cu	10	-	-	4	1018.2	-1	NNE 3	o	51	65	7	1,000	Cu	9	-	-	4		
Benson	1020.1	-2	NNE 3	bc	57	55	5	-	Cu	5	-	-	4	1019.1	-1	NE 2	b	57	55	7	-	-	-	-	-	4		
S. Farnborough	1019.9	-2	NNE 3	cz	59	65	7	2,000	Scal	5	Ci	1	4	1018.8	-1	ENE 2	bif	58	55	7	2,000	Scal	1	-	-	4		
London (Kew Obs.)	1020.4	-2	N 3	cy	54	55	7	4,250	Cu	8	-	-	4	1019.0	-1	N 2	b	57	55	7	4,000	Cu	3	-	-	4		
Croydon	1020.6	0	NNE 4	o	53	65	6	3,000	Scal	9	-	-	4	1019.5	0	NNE 3	bicif	54	65	6	3,000	Scal	5	-	-	4		
Renfrew	1020.9	0	NNE 2	o	41	85	7	-	Scal	10	-	-	4	1020.2	0	NE 3	o	49	85	7	3,000	Scal	9	-	-	4		
Esksdalemuir	1021.9	0	WSW 2	bc	50	*	*	*	*	*	*	*	1	1020.0	0	- 0	bwz	50	85	7	-	-	-	-	-	2		
Valencia (Cabre's)	1019.2	-1	NNE 2	bife	50	97	4	-	-	-	-	-	3	1019.7	0	- 0	o	44	82	4	3,000	Scal	5	A.Cu	5	4		
Baldonnel	1019.2	0	E 3	o	49	65	7	2,000	Scal	10	-	-	3	1018.1	0	NNW 2	bife	56	82	4	-	-	-	-	-	4		
Didsbury	1019.2	0	N 2	o	45	75	7	3,000	Scal	10	-	-	4	1019.0	0	- 0	b	66	65	6	-	-	-	-	-	1		
Falmouth	1018.6	0	N 2	o	45	75	7	3,000	Scal	10	-	-	4	1020.1	0	N 3	o	45	75	7	3,000	Scal	10	-	-	4		
Aberdeen	1019.2	-1	NW 4	or	46	97	6	-	Nb	10	-	-	3	1019.2	-1	NNW 4	or	46	97	6	-	Nb	10	-	-	3		
Howden	1019.3	0	- 0	o	45	95	6	3,000	Scal	10	-	-	4	1019.3	0	- 0	o	45	95	6	3,000	Scal	10	-	-	4		
Cranwell (Lines)	1019.7	0	NNW 3	c	44	95	6	3,000	Cu	9	-	-	4	1019.7	0	NNW 3	c	44	95	6	3,000	Cu	9	-	-	4		
Felixstowe	1018.6	0	NNW 3	o	47	75	7	3,000	Scal	7	A.Sc	3	4	1018.6	0	NNW 3	o	47	75	7	3,000	Scal	7	A.Sc	3	4		
Shoeburyness	1019.4	0	NNE 2	b	47	75	6	-	-	-	-	-	4	1019.4	0	NNE 2	b	47	75	6	-	-	-	-	-	4		
Benson	1019.1	0	N 2	bc	48	75	8	2,000	Scal	4	-	-	4	1019.1	0	N 2	bc	48	75	8	2,000	Scal	4	-	-	4		
S. Farnborough	1019.2	0	N 2	om	46	65	6	3,000	Cu	1	A.Cu	8	4	1019.2	0	N 2	om	46	65	6	3,000	Cu	1	A.Cu	8	4		
London (M.O. at Int.)	1020.6	-1	- 0	b2f	36	97	5	-	-	-	-	-	4	1020.2	0	N 2	cz	47	75	6	2,000	Scal	5	-	-	4		
Croydon	1020.6	-1	- 0	b2f	36	97	5	-	-	-	-	-	4	1020.2	0	N 2	cz	47	75	6	2,000	Scal	5	-	-	4		
STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.																												
STATIONS.	Barom. at M.S.L. mb.	Temp. °F.	Wind. Force 0-12.	Weather.	Barometer. at M.S.L. mb.	Change in 3 hours.	Temperature. Temp. °F.	Change in 24 hours.	Wind. Force 0-12.	Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	Temp. Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	Sunshine Hours.									
Lerwick	1019.5	46	NNW 3	bc	1015.7	-1	43	0	N 4	-	C	4	-	47	40	bc	bc	C	10.8									
Stornoway	1023.2	50	NE 3	bc	1021.4	0	50	+4	NNE 1	-	bc	1	-	51	42	o. bc	bc	bc	10.8									
Castlebay (Barra's)	1021.9	52	NNE 4	b	1020.5	0	50	+1	NE 4	-	b	4	-	54	45	b	b	b	15.3									
Malin Head	1022.1	52	NNW 1	bc	1019.3	-1	49	-2	NNW 2	N	bc	1	-	55	46	bc	bc	bc	13.0									
Blacksod Point	1021.5	57	NW 2	b	1019.0	-2	51	-4	NE 2	-	b	1	-	62	48	bc	b	bc	0									
Roche's Point	1021.9	58	S 3	b	1020.3	0	49	-2	NNW 2	-	b	1	-	61	49	b2	b2	b2.b	0									
Birr Castle	1020.2	67	NW 1	c	1019.7	*	48	+1	NNW 1	-	C	*	-	67	39	c	c	c	12.3									
Douaghadee	1020.2	54	S 2	bm	1019.0	+1	49	-2	- 0	-	b	1	-	56	41	bcu	bc	bcu	0									
Liverpool (Bidston)	1019.6	56	WNW 3	b	1018.6	-2	50	+2	SE 2	-	b	1	-	58	43	b	b	bc.b	14.3									
Holyhead	1020.3	55	N 3	b2	1018.7	0	52	+1	NNW 2	-	b2	0	-	58	47	b2	b2	b2	15.0									
Pembroke (St. Ann's Head)	1020.3	57	NW 3	bm	1019.1	0	51	+1	NE 1	-	b	1	-	60	48	bm	bm	b	13.2									
Silly (St. Mary's)	1021.2	58	NNE 1	b	1019.8	0	55	0	NNE 1	-	bm	2	-	62	51	bc.b	b	bm	14.2									
Jersey (St. Aubin)	1019.4	56	NE 4	b	1018.5	0	53	0	ENE 3	-	b	2	-	60	40	c. bc	c. bc	bw	12.5									
Portland Bill	1019.5	54	SW 4	bc	1018.4	0	53	+2	ENE 2	-	o	2	-	56	45	b.	b. bc	bc	0									
Dungeness	1018.3	52	N 4	c	1017.9	-1	47	-2	N 3	-	C	3	-	56	38	c	c	c	0									
Wick	1021.9	47	N 3	bc	1018.0	-1	49	+5	NNW 2	-	o	2	-	49	42	om	o. bc	beccod	8.9									
Nairn	1021.8	51	E 2	bc	1019.8	*	47	+2	- 0	-	o	1	-	53	39	o. c. bc	bc. b. bc	bcc	0									
Leith	1020.7	53	E 2	bc	1019.4	0	49	+2	W 1	-	o	1	-	55	44	oc. bc	b	bcco	0									
Tynemouth	1021.2	47	NNE 4	bcu	1019.1	0	46	+1	NNW 3	-	o	4	-	49	43	omq	omq	cm	0									
Spurn Head	1019.4	48	NNW 5	cmq	1018.3	0	47	-1	NNW 6	-	C	3	-	50	42	cg	cmq	cg	0									
Yarmouth (Port London)	1017.5	49	N 5	o	1017.0	-1	47	0	NNW 3	-	og	2	-	52	45	czq	czq	ozq	0									
Clacton-on-Sea	1017.8	51	NNW 4	o	1018.0	0	46	-2	NNW 3	-	o	2	-	52	45	o	o	o	0									
Nottingham	1020.9	52	NE 3	b	1019.7	*	46	0	NNE 2	N	C	4	-	55	39	c. o.	bc. b.	b	9.6									

* 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 A.M.M.T. Sunday, June 6th, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	N-NE.0-10	V.Cool.	Mainly fair to dull, local mist.	Good.	Slight.
2. E. England	NNW.5-15	"	Dull, local squalls.	"	"
3. E. Midlands	NNE.5	"	Variable sky.	Fair.	-
4. W. Midlands	Var.5	R.Cool.	Fine or fair.	-	-
5. S.W. England	NNW-BNL.2-5	Normal.	Mainly fine, dull at Portland.	Indiff.	Slight.
6. South Wales	Var.0-2	R.Cool.	Fine.	"	"
7. North Wales	Var.5	"	Fine.	"	"
8. N.W. England	Var.0-5	Cool.	Variable sky.	"	"
9. N. Midlands	Var.0-5	V.Cool.	Cloudy or dull.	Fair.	-
10. N.E. England	NNW.5-20	"	Cloudy or dull, squally at Spurn Head.	"	Moderate
11. E. Scotland	W-NW.5-15	Cool.	Dull, light rain locally	"	Slight
12. S.W. Scotland	NE.5-10	"	Fair to dull.	Good.	Smooth
13. Isle of Man	Var.0-5	R.Cool.	Fine or fair.	-	"
14. N. & N.W. Scotland	NW-NE.2-15	Normal.	Variable sky.	Fair.	Slight.
15. Hebrides	NNE-NE.2-15	"	Fine or fair.	"	"
16. Orkneys and Shetlands	NW-N.5-15	Cool.	Cloudy or overcast.	"	Moderate
17. N.W. Ireland	NW-NE.5	R.Cool.	Fine or fair.	"	Smooth.
18. N.E. Ireland	NNW.0-5	"	Fine to cloudy, local mist.	"	"
19. S.E. Ireland	NW.0-5	Cool.	Fair to dull.	Indiff.	"
20. S.W. Ireland	NNW.0-5	"	Fine, local haze.	Good.	"

Upper Cloud

Visibility

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

Pressure continues highest over the Icelandic region and lowest over the Baltic, but it is much more uniform than of late over the British Isles, although slight irregularities are indicated. Light winds, mainly Northerly, are probable, with generally fair weather, but with some slight rain on the North-East coast. Temperature will rise somewhat, but the night minima will be low.

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

Districts.	Forecasts for the 24 hours commencing 3h.G.M.T. Sunday, 6th June, 1920.
1. S.E. England	Wind mainly Northerly, light; fair generally but some rain on North-East coast; visibility fair to good; temperature below normal, but rising; slight local ground frost in night.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Wind mainly Northerly, light; fair generally, dull at times; visibility good or fair; temperature rising slowly.
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Wind variable, mainly between North-West and North-East, light; fair generally; warmer; visibility fair.
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Further Outlook.
 Mainly fair with a higher temperature.

SYNOPTIC CHART FOR MORNING OF SUNDAY, 6TH JUNE, 1920.

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

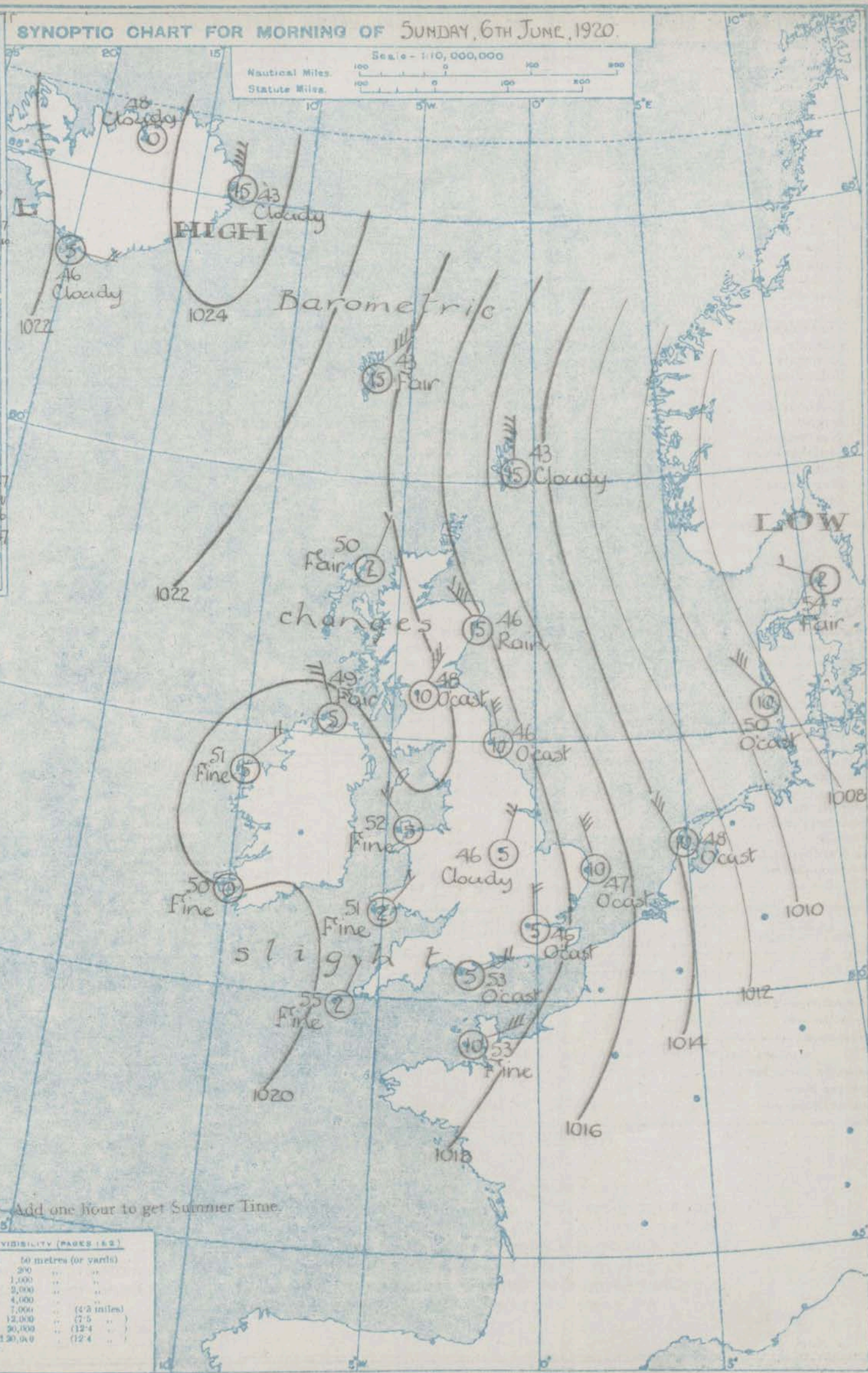
Lower Cloud

TEMPERATURE
WEATHER,
SEA.



ATION.
are drawn
by
Force, on the
by the number
y to shown in
small circles.
in degrees F.
sky clouded.
sky & cloud
rain falling
fog
thunderstorm
High
outlook.

air with
temperature



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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 122)

	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	" (4.3 miles)
6. Indifferent	12,000	" (7.5 ")
7. Good	20,000	" (12.4 ")
8. Very Good	30,000	" (12.4 ")
9. Excellent	Receptional visibility	

Sunday
6th June

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 5th																				
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.			STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 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.
Scotland.	Oban	b	b	60	38	-	-	12.4	15.3	England, N.W.	Douglas (I.O.M.)	*	*	58	42	-	-	12.5	12.4	
	Banff	a	bc.c	?	?	-	-	?	?		Blackpool	c	c	57	40	-	-	11.2	14.7	
	Montrose	c.b	bc	55	43	-	-	7.8	7.7		Southport	b	b	57	39	-	-	11.7	14.2	
	St. Andrews																			
England, N.E.	Harrogate	c.b	bc.b	52	42	-	-	7.0	5.5	Midlands.	Buxton	bc.b	b.bc.b	58	37	-	-	8.1	6.7	
	Scarborough	o	o	49	45	-	-	0.0	0.4		Leamington Spa... ..	bc	bc	58	42	-	-	10.5	5.7	
	Skegness										Malvern	z	z	63	48	-	-	?	4.7	
	Lowestoft										Ross-on-Wye	bcz	b.bcz	66	36	-	-	11.3	6.5	
England, E.	Felixstowe	og	og	52	49	-	-	0.0	6.5	Wales.	Bath	b	b	64	36	-	-	11.3	8.1	
	Southend-on-Sea... ..	o	o	53	46	-	-	0.1	5.1		Rhyl									
	Tunbridge Wells	o	c	56	45	-	-	1.0	3.7		Colwyn Bay	*	*	48	40	-	-	10.5	12.5	
	Margate	o	o	53	48	-	-	0.0	2.5		Llandudno	*	*	48	40	-	-	10.5	12.5	
England, S.E.	Ramsgate	*	*	53	46	-	-	0.0	3.8	Wales.	Aberystwyth	c.b	b	60	53	-	-	12.5	9.7	
	Folkestone	o	o	57	48	-	-	0.3	4.2		Swansea									
	Hastings	o	o.c	55	47	-	-	0.2	5.8		Weymouth	b	b	63	42	-	-	12.3	6.5	
	Eastbourne	o	bc	57	46	-	-	1.7	6.4		Teignmouth									
	Brighton									Torquay	bz	bz	62	47	-	-	12.1	5.0		
	Worthing	c.b	bc	58	44	-	-	8.2	6.5	Paignton	b	b	63	42	-	-	11.8	4.0		
	Littlehampton	bc	bc	61	43	-	-	8.4	6.0	Penzance	b	b	64	45	-	-	11.5	2.3		
	Portsmouth (St. Michael's)	s	*	62	42	-	-	8.3	8.8	Newquay										
	Bournemouth	*	*	68	38	-	-	12.5	8.1	Bude										
	Ventnor (I. of W.)	*	*	59	40	-	-	10.6	7.8	Ifracombe	b	b	59	47	-	-	11.7	6.8		
										Weston-s-Mare										
										Tenby (Wales)	b	b	68	57	-	-	12.3	5.9		

SUMMARY FOR PAST 24 HOURS.										BEAUFORT NOTATION.									
STATIONS.		WEATHER.				Max. Temp. °F.		Min. Temp. °F.		Min. on Grass °F.		Rainfall.		Sun.		THE BEAUFORT SCALE OF WIND FORCE.			
		7h-13h.	13h-18h.	18h-1h.	1h-7h.	°F.	°F.	°F.	°F.	°F.	°F.	Day. 7h-18h.	Night. 18h-7h.	Hours.	Hours.	Limits of Velocity at about 30 feet above ground.			
Renfrew		bcz	bcz	bcz	bcz	55	40	36	-	-	-	8.7	-	-	-	No.	Statute miles per hour.	Metres per second.	
Eskdalemuir ...		bcz	bcz	bcz	bcz	61	43	41	-	-	-	13.5	-	-	-	0	Less than 1	Less than 0.3	
Valencia (Cahirciveen) ...		b.bcz	b.bcz	b.bcz	b.bcz	61	43	41	-	-	-	13.5	-	-	-	1	1-3	0.3-1.5	
Baldonnel ...		b.bcz	b.bcz	b.bcz	b.bcz	61	43	41	-	-	-	13.5	-	-	-	2	4-7	1.6-3.3	
Didsbury ...		bcz	bcz	bcz	bcz	61	37	30	-	-	-	14.4	-	-	-	3	8-12	5.4-8.4	
Falmouth ...		b.bcz	b.bcz	b.bcz	b.bcz	64	49	43	-	-	-	14.4	-	-	-	4	13-18	5.5-7.9	
Calshot (Hants) ...		bcz	bcz	bcz	bcz	64	46	44	-	-	-	11.3	-	-	-	5	19-24	8.0-10.7	
Lympne (Folkestone) ...		og	og	og	og	52	43	42	-	-	-	0.6	-	-	-	6	25-31	10.8-13.8	
Aberdeen ...		c.o	c.o	c.o	c.o	50	43	40	-	-	-	5.5	-	-	-	7	32-38	13.9-17.1	
Howden ...		g.c	g.c	g.c	g.c	53	33	26	-	-	-	5.3	-	-	-	8	39-46	17.2-20.7	
Cranwell (Lincs) ...		c.b	c.b	c.b	c.b	54	34	*	-	-	-	3.7	-	-	-	9	47-54	20.8-24.4	
Felixstowe ...		og	og	og	og	53	45	45	-	-	-	0.1	-	-	-	10	55-63	24.5-28.4	
Shoeburyness ...		o	o	o	o	60	35	30	-	-	-	*	-	-	-	11	64-76	28.5-33.5	
Benson ...		bc	bc	bc	bc	61	37	33	-	-	-	9.1	-	-	-	12	Above 76	33.6 or above	
S. Farnborough ...		og	og	og	og	57	40	29	-	-	-	7.6	-	-	-	SYMBOLS—			
London (Kew Obs.) ...		og	og	og	og	57	34	*	-	-	-	*	-	-	-	Auroa			
Croydon ...		og	og	og	og	57	34	*	-	-	-	*	-	-	-	Rime			

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).									
STATIONS.		WEATHER.				Max. Temp. °F.		Min. Temp. °F.		Min. on Grass °F.		Rainfall.		Sunshine to Sunset.		Humidity %		Vertical Component of Solar Radiation per Square Centimetre during yesterday.	
		Morning.	Afternoon.	Night.	Night.	°F.	°F.	°F.	°F.	°F.	°F.	in.	mm.	Hours.	Hours.	15 h. G.M.T.	9 h. G.M.T.	Joules.	Milliwatts.
Greenwich (Royal Observatory)		o	o	bc	bc	58	42	29	-	-	-	4.2	58	61					
City (Bunhill Row) ...		*	*	*	*	58	43	34	-	-	-	5.4	60						
Westminster (St. James's Park)		bc	bc	bc	bc	59	45	*	-	-	-	4.9	57	63					
" (Admiralty Arch)		oz	bc	bc	bc	62	41	39	-	-	-	*	56	60					
Camden Sq. (British Rainfall)		o	o	o	o	57	41	33	-	-	-	*	62(18h)	64					
Kensington Palace ...		o.b	c.b	c.b	c.b	57	41	33	-	-	-	*	62(18h)	64					
Rampstead Observatory ...		o	c	bc	bc	55	39	*	-	-	-	6.1	*	62					

NOTES ON THE WEATHER OF YESTERDAY.

Temperature continued low the maximum being below 50° at some Northern and North-Eastern stations, and below 60° over the greater part of the Kingdom. On the grass the thermometer fell to 29° at Kew and Greenwich and to 26° at Howden.

Bright sunshine records were high generally except on the South-Eastern and Eastern coasts of England where there was much cloud. At some stations the day was sunless.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 21382 Monday... 7th June..... 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 18H AND 18H.																												
STATIONS.	BAROM.	Change in 3 hours.	WIND.		Weather.	TEMP.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea	BAROM.	Change in 3 hours.	WIND.		Weather.	TEMP.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea
	at M.S.L.		Force	°F.		Feet.				Form.	Amt.	Form.	Amt.		at M.S.L.		Force	°F.		Feet.				Form.	Amt.	Form.	Amt.	
13H. G.M.T. of 6h														18H. G.M.T. of 6h														
Renfrew	1018.6	-2	ENE	1	0	58	65	7	3000	Str	7	6	1	1	1017.1	-1	W	2	0	59	65	7	3000	Str	7	6	1	1
Eskdalemuir	1018.6	-2	ENE	2	0	53	65	8	-	Str	9	-	-	-	1017.1	-2	-	0	0	58	65	8	-	Str	10	-	-	-
Valencia (Cahire'n)	1018.7	-1	W	2	0	60	75	8	-	-	-	-	-	2	1017.2	-2	NNW	1	0	60	65	8	-	-	-	-	-	2
Baldonnel	1018.2	-2	E	2	bc3	60	75	6	4200	cu	3	6	1	1	1017.6	-1	E	3	03	54	85	7	4200	cu	1	ASr	8	*
Didsbury	1019.1	-1	ENE	2	0	58	65	4	2000	Str	6	ASr	4	*	1017.2	-2	NE	1	bc	55	55	5	4200	Str	2	ASr	2	*
Falmouth	1017.6	-1	NW	4	bc3	67	45	6	-	cu	1	-	-	-	1016.4	-1	ESE	2	bc2f	60	75	3	-	cu	1	-	-	*
Calshot (Hants)	1018.1	-2	N	2	bc	61	55	8	4200	cu	6	-	-	2	1016.8	-1	SW	3	bc3	56	75	7	4200	Str	2	ASr	5	2
Lympe (Folkestone)	1017.8	0	N	4	0	52	65	8	2000	Str	9	-	-	*	1017.1	-1	NNE	4	0	57	75	8	3000	Str	10	-	-	*
Aberdeen	1018.3	0	NNW	4	bc	53	65	8	-	cu	6	-	-	3	1018.5	0	NNW	4	c	49	65	8	-	Str	8	-	-	3
Howden	1018.7	-1	NNW	3	c	53	65	7	3000	Str	7	-	-	*	1017.0	-1	N	1	0	55	75	8	4200	Str	7	ASr	2	*
Cranwell (Lincs)	1019.1	-1	NNW	3	0	49	75	6	3000	Str	10	-	-	*	1017.8	-1	NNE	2	c	54	65	5	4200	Str	7	-	-	*
Felixstowe	1017.9	0	NW	2	cy	55	65	7	4200	cu	4	ASr	3	*	1017.7	0	N	1	cy	51	65	8	4200	cu	5	ASr	3	*
Shoeburyness	1018.3	-1	N	2	0	57	65	6	-	cu	6	-	-	*	1016.0	-1	NE	1	bc	57	65	4	-	cu	6	-	-	*
Benson	1017.8	-1	E	3	c	60	65	8	2000	Str	7	ASr	3	*	1016.9	-1	ENE	1	03	57	65	7	2000	Str	1	ASr	7	*
S. Farnborough	1017.4	-2	N	3	bc3	57	55	7	4200	cu	3	ASr	3	*	1016.9	-1	NNE	2	c	56	65	7	5700	cu	5	ASr	3	*
London (Kew Obs.)	1018.1	-1	N	1	bc3	58	55	5	2000	Str	4	-	-	*	1017.5	0	NNE	2	02f	55	65	5	2000	Str	9	ASr	1	*
Croydon	1018.1	-1	N	1	bc3	58	55	5	2000	Str	4	-	-	*	1017.5	0	NNE	2	02f	55	65	5	2000	Str	9	ASr	1	*
1H. G.M.T. of 7h														7H. G.M.T. of 7h														
Renfrew	1018.5	+1	NNE	2	0	44	85	7	-	Str	10	-	-	*	1017.9	0	N	3	bc2f	49	75	5	5700	Str	3	-	-	4
Eskdalemuir	1018.5	+1	NNE	2	0	44	85	7	-	Str	10	-	-	*	1018.4	0	NE	3	0	45	75	8	-	Str	10	-	-	*
Valencia (Cahire'n)	1017.3	0	W	2	bc	50	*	*	*	*	*	*	*	1	1015.8	0	-	0	bc3w	50	92	7	1250	cu	3	-	-	2
Baldonnel	1017.2	0	NNW	1	0	41	97	5	?	?	?	?	?	*	1016.2	-2	-	0	bc3	62	85	6	-	-	-	ASr	5	*
Didsbury	1016.5	0	ENE	2	bc2f	51	97	4	-	Str	1	-	-	*	1017.7	0	E	2	c	52	75	4	-	-	-	ASr	7	*
Falmouth	1016.5	0	ENE	2	bc2f	51	97	4	-	Str	1	-	-	*	1016.3	0	-	0	cc2f	55	92	5	-	Str	8	-	-	*
Calshot (Hants)	1017.2	0	ENE	1	01f	53	75	7	2000	Str	10	-	-	1	1017.2	0	E	3	02f	55	75	5	3000	Str	10	-	-	2
Lympe (Folkestone)	1017.2	0	E	0	bc	41	92	7	-	-	-	-	-	*	1019.2	+1	NW	2	02f	46	92	5	3000	Str	10	-	-	*
Aberdeen	1017.6	0	NNW	2	OV	45	74	9	3000	Str	9	-	-	*	1018.6	+1	NW	2	c	47	65	8	-	Str	8	-	-	2
Howden	1017.6	0	NNW	2	OV	45	74	9	3000	Str	9	-	-	*	1017.3	+1	N	1	0	47	85	5	3000	Str	10	-	-	*
Cranwell (Lincs)	1018.3	0	?	1	c	47	92	5	3000	Str	7	-	-	*	1017.3	+1	N	1	0	47	85	5	3000	Str	10	-	-	*
Felixstowe	1017.5	0	N	2	c	49	75	8	4200	Str	7	-	-	*	1017.5	0	N	2	c	49	75	8	4200	Str	7	-	-	2
Shoeburyness	1017.2	0	N	1	bc	51	75	7	3000	Str	4	-	-	*	1017.2	0	N	1	bc	51	75	7	3000	Str	4	-	-	*
Benson	1016.9	+1	NE	1	bc	53	75	5	-	cu	4	-	-	*	1016.9	+1	NE	1	bc	53	75	5	-	cu	4	-	-	*
S. Farnborough	1017.3	0	ENE	3	bc2f	52	75	5	-	-	-	-	-	*	1017.3	+1	ENE	3	bc2f	52	75	5	-	-	-	ASr	2	*
London (Kew Obs.)	1017.3	0	ENE	3	bc2f	52	75	5	-	-	-	-	-	*	1018.0	+1	-	0	bc3f	48	75	3	-	-	-	ASr	6	*
Croydon	1018.0	-1	SEW	2	bc2f	40	97	5	-	-	-	-	-	*	1018.4	+1	NNW	1	bc2f	49	75	4	2000	Str	5	-	-	2
STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.																												
STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.							
	at M.S.L.		Force	M.S.L.		Change in 3 hours.	Temp.	Change in 24 hours.	Direc.	Force	Max. °F.					Min. °F.	Morning.	Afternoon.	Night.									
18H. G.M.T. of 6h														7H. G.M.T. of 7h														
Lerwick	1017.4	47	N	4	bc	1017.4	0	46	23	N	5	-	bc	2	-	49	42	bc	bc	bc	27							
Stornoway	1020.2	49	NE	2	0	1018.0	-1	49	-1	ENE	2	-	bc	1	-	55	39	bc	bc	bc	157							
Castlebay (Barra Is)	1019.2	53	N	3	0	1016.3	0	51	-1	ENE	4	-	bc	4	-	57	46	bc	bc	bc	157							
Glasgow	1018.0	54	NE	2	bc	1015.0	-1	53	21	SE	1	SE	c	1	-	56	46	bc	bc	bc	145							
Malin Head	1016.6	56	NE	2	bc	1013.4	-1	52	24	-	0	-	bc	0	-	63	40	bc	bc	bc	145							
Blacksod Point	1017.6	62	SSW	3	bc	1015.5	-1	51	-3	S	1	-	bc	1	0.1	67	46	bc	bc	bc	145							
Roche's Point	1016.1	67	W	1	bc	1015.5	*	52	24	W	1	-	bc	1	-	68	44	bc	bc	bc	145							
Birr Castle	1017.4	53	-	0	bc	1016.7	0	50	21	SE	2	-	bc	2	-	56	44	bc	bc	bc	145							
Donaghadee	1017.4	53	-	0	bc	1016.7	0	50	21	SE	2	-	bc	2	-	56	44	bc	bc	bc	145							
Liverpool (Bldston)	1016.8	56	ENE	2	c	1017.0	0	52	22	ENE	3	-	bc	2	-	59	46	0	c	bc	91							
Holyhead	1017.0	57	N	3	bc	1016.1	0	51	-1	E	2	NE	bc	1	-	58	47	bc	bc	bc	145							
Pembroke (St. Ann's Head)	1017.0	60	NNW	2	bc	1016.5	0	51	0	ENE	1	-	bc	1	-	60	48	bc	bc	bc	13.5							
Scilly (St. Mar's)	1018.1	59	NNW	2	bc	1016.2	-1	54	-1	NNE	1	NE	bc	2	-	62	52	bc	bc	bc	13.5							
Jersey (St. Aubin)	1016.9	58	N	2	bc	1017.0	0	53	0	E	4	-	bc	3	-	61	45	bc	bc	bc	87							
Portland Bill	1017.2	57	WSW	2	bc	1017.0	0	55	22	SW	2	-	c	2	-	60	48	bc	bc	bc	87							
Dungeness	1016.9	58	WSW	2	c	1016.7	0	47	0	N	3	N	c	3	-	56	43	bc	bc	bc	87							
Wick	1018.6	47	NNW	2	c	1018.0	0	46	-3	NNE	1	-	bc	2	-	50	42	bc	bc	bc	87							
Nairn	1019.1	50	E	1	c	1018.4	*	47	-1	ENE	1	-	bc	1	-	54	43	bc	bc	bc	0.3							

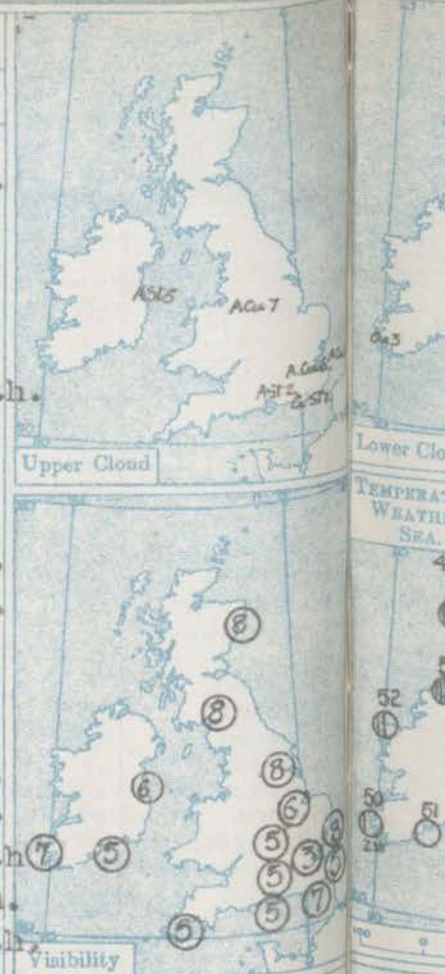
* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ For code see page 2.

SUMMARY OF CONDITIONS AT 7h. A.M.T. Monday, 7th June, 1920.

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



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

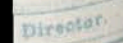
Under the influence of a belt of high pressure extending from the Faroe to Northern France weather will be generally fair over the British Isles. A shallow low over Ireland will probably cause some rain or showers in the West, but not within the next 24 hours.

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

Districts.	Forecasts for the 24 hours commencing 3 15h. G.M.T. Monday, 7th June, 1920.
1. S.E. England	Wind Northerly, light; fair generally, visibility good; rather warmer than of late during day but risk of ground frost at night.
2. E. England	
3. E. Midlands	
4. W. Midlands	Light variable winds; fair generally, some morning mist, visibility good during day; temperature moderate during day but risk of ground frost at night.
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
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	

Some rain or showers after tomorrow in Ireland continuing fair generally over Great Britain.

14



Add one hour to get Summer Time.

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 139.

Monday
7th June

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 6th																				
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.			STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sun-set.				Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sun-set.
Scotland.	Oban									England, N.W.	Douglas (I.O.M.)									
	Banff	010	c bc	52	44	1	0.2	1.7	?		Blackpool	0	c	59	40	-	-	4.8	13.5	
	Montrose										Southport	b bc o	bc b	59	40	-	-	7.8	14.7	
	St. Andrews																			
England, N.E.	Harrogate									Midlands.	Buxton									
	Scarborough										Leamington Spa									
	Skegness										Malvern									
	Lowestoft	0	o c o	51	47	-	-	0.1	?		Ross-on-Wye									
England, E.	Felixstowe	c g	c g	53	47	-	-	0.2	0.0	Wales.	Bath	b	b bc	65	43	-	-	8.5	11.6	
	Southend-on-Sea	0 c	c o	58	44	-	-	2.9	0.1		Rhyl	b	b	57	42	-	-	11.4	?	
											Colwyn Bay	*	*	59	43	-	-	11.5	?	
											Llandudno	*	*	60	42	-	-	12.0	13.0	
England, S.E.	Tunbridge Wells	b	b bc	60	36	-	-	5.5	2.5	England, S.W.	Aberystwyth									
	Margate	c	c	53	47	-	-	0.2	0.0		Swansea									
	Ramsgate	*	*								Weymouth									
	Folkestone	0	0	56	46	-	-	2.3	0.7		Teignmouth									
	Hastings	bc b	bc o	57	43	*	-	4.1	1.0		Torquay	c	bc	61	49	-	-	7.8	13.4	
	Eastbourne	bc	0	56	48	-	-	6.7	3.4		Paignton									
	Brighton	bc	bc c o	57	41	-	-	9.0	?		Penzance	b	b	69	49	-	-	11.5	13.7	
	Worthing	bc	bc o	60	44	-	-	10.8	9.3		Newquay	*	*	62	52	-	-	12.0	?	
	Littlehampton										Bude									
	Portsmouth (S' thea)	*	*	61	47	-	-	8.1	10.0		Ilfracombe	b	b	61	47	-	-	11.7	14.2	
	Bournemouth	*	*	63	51	-	-	8.5	14.2		Weston-s-Mare									
	Ventnor (I. of W.)	*	*	58	46	-	-	9.2	12.4		Tenby (Wales)									

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.	
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		No.		Limits of Velocity at about 30 feet above ground.	
		7h-13h.	13h-18h.	18h-24h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass. F.	Day. 7h-13h.	Night. 18h-24h.				
Renfrew		bc c o	c o	b bc 2f	56	42	42	0.9	0.9	b blue sky (not more than a quarter covered).		Used only for surface observations.	
Eskdalemuir ...		o	o c o	o	56	42	42	0.9	0.9	bc sky partly cloudy (one half covered).		Limits of Velocity at about 30 feet above ground.	
Valencia (Cahireveen) ...		bc y	bc y	bc w	60	43	36	15.2	15.2	c generally cloudy (three quarters covered).		Statute miles per hour.	
Baldonnell ...		bc c j	bc c j	?	64	38	-	9.0	9.0	d drizzle, or fine rain.		Metres per second.	
Didsbury ...		c j	bc c j	c o w	58	40	29	-	-	e wet air without rain falling.		0	Less than 1
Falmouth ...		by by j	by c f	bc c f	68	51	41	14.6	14.6	f fog.		1	1-3
Calshot (Hants) ...		1f b bc	c o j	c o j	63	52	-	10.2	10.2	g gloom.		2	4-7
Lympe (Folkestone) ...		o	o c o	o c bc bc m	56	38	39	4.0	4.0	h hail.		3	8-12
Aberdeen ...		bc c p	bc c	c bc b	55	42	34	Trace	Trace	i lightning.		4	13-18
Howden ...		o	v c o	v c o	57	33	28	*	*	m mist.		5	19-24
Cranwell (Lines) ...		c o f	o j f o	b bc c	53	42	*	*	*	n passing showers.		6	25-31
Felixstowe ...					53	42	*	*	*	p squalls.		7	32-38
Shoeburyness ...		o c	c y	c bc	57	39	30	-	-	q rain.		8	39-46
Benson ...		bc	bc	c	61	44	40	-	-	rs sleet, i.e., rain and snow together.		9	47-54
S. Farnborough ...		bc bc	c bc c j	o bc bc m	62	44	42	-	-	s snow.		10	55-63
London (Kew Obs.) ...		b bc y	bc y o c	bc c m w	58	40	30	-	-	t thunder.		11	64-75
Croydon ...		c j bc j	c j o j	b bc 2f	58	27	*	-	-	u ugly, threatening sky.		12	Above 75

LONDON. OBSERVATIONS.	WEATHER.			Max Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. min.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.					
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.		Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.		
	24 HOURS ENDED 9H G.M.T. 7th.....								YESTERDAY.							TO-DAY.	
											Vertical Component of Solar Radiation per Square Centimetre during yesterday.	7th & 8th June..... 1920.					
Greenwich (Royal Observatory)	b	o	b. b. c	63	36	27	-	6.0	56	66							
City (Bunhill Row)	*	*	*	*	*	*	*	7.3	*	*							
Westminster (St. James's Park)	bc	bc	c bc bc	61	41	32	-	7.6	68	59							
" (Admiralty Arch)	bc bc	bc j	bc b bc	61	47	*	-	7.5	57	65	Total 34.21.....	Joules.	Yarmouth... {	3.33 3.33 3.46	11.51 11.52 11.53	8.10 8.11 8.10	
Camden Sq. (British Rainfall)	*	*	*	64	41	40	-	*	*	68				Greenwich {	3.46 3.46 3.10	11.53 11.59 12.10	8.10 8.11 9.10
Kensington Palace	c bc	b	*	61	41	33	-	*	46 (18h)	67	Average Rate. 58.1			Wick ... {	3.11 3.10 4.24	12.10 12.11 12.49	7.10 7.11 8.34
Hamstead Observatory ...	bc	bc	*	54	42	*	-	7.6	*	65	Maximum Rate. 83			Valencia ... {	4.24 4.24 4.24	12.39 12.40 12.40	8.55 8.56 8.56

Photographic Record of

Pole Star (Polaris) and of 8 Ursae

Minoris at Greenwich Observatory.

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

Stars.	Duration of Exposure.	Duration of Record.
Polaris	h. m.	h. m. %
8 Ursae	-	No Record
Minoris	-	No Record

NOTES ON THE WEATHER OF YESTERDAY.

Practically no rainfall occurred in the British Isles yesterday, but in some localities skies were overcast nearly all day, and temperature was generally low for the season. There were slight ground frosts inland. Many stations however had very good sunshine records, the best being Castlehay 15.7 hr., Valencia 15.2 hr. and Malin Head 14.8 hr.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 21383.

Tuesday, 8th June 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																													
STATIONS.	BAROM. at M.S.L.	↑ Change in 3 hours.	WIND.		Weather	TEMP. °F.	HUMIDITY. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.	Upper Cloud	Sea	BAROM. at M.S.L.	↑ Change in 3 hours.	WIND.		Weather	TEMP. °F.	HUMIDITY. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.	Upper Cloud	Sea					
	mb.		Dir.	Force 0-12.		%	0-9.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.	mb.		Dir.	Force 0-12.		%	0-9.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.					
13H. G.M.T. of 7 th														18H. G.M.T. of 8 th															
Renfrew	1017.8	0	NE	4	bcif	58	65	4	4200	Fcu	4	-	1016.8	-1	E	1	bz	60	75	8	-	-	-	CuSc	3	*			
Esksdalemuir	1018.3	0	NE	1	0	52	65	8	3000	ScCu	10	-	1017.1	-1	ENE	3	by	56	55	8	-	-	-	CuCu	3	2			
Valencia (Cahire's)	1014.9	-1	W	1	bz	60	75	7	-	-	-	A.Cu	1	2	1014.3	0	3	3	62	65	7	-	-	-	CuCu	3	2		
Baldonnel	1015.8	-2	E	3	bcz	62	75	5	4200	Cu	2	A.Cu	2	*	1015.7	+2	ENE	3	bz	58	85	5	3000	Sc	2	ASc	1	*	
Didsbury	1017.3	0	E	2	C	60	65	5	4200	Cu	5	A.Cu	2	*	1017.0	0	E	4	bif	57	65	4	2000	Sc	2	ASc	3	*	
Falmouth	1016.2	-1	SSE	3	bif	63	65	5	-	Cu	1	-	1016.0	0	SSE	2	CZ	60	75	5	-	-	-	ScCu	7	-	-	*	
Calshot (Hants)	1017.6	0	-	0	0	60	55	8	3000	ScCu	10	-	1007.0	-1	WSW	2	C	58	55	8	3000	ScCu	2	F.Cu	6	2	*		
Lympne (Folkestone)	1017.6	0	NNE	4	C	56	65	8	3000	Fcu	7	-	1017.1	0	NE	4	bv	53	65	9	2700	ScCu	2	-	-	-	*		
Aberdeen	1019.0	0	ENE	3	b	54	65	8	-	ScCu	1	-	1019.6	0	E	2	b	48	65	8	-	-	-	CuCu	1	2	*		
Howden	1017.3	+1	N	1	0	47	85	9	3000	ScCu	10	-	1018.5	+1	ENE	4	Cv	54	65	9	4200	ScCu	2	F.Cu	5	-	*		
Cranwell (Lines)	1018.5	0	N	3	0	56	65	7	4200	ScCu	9	-	1018.3	0	ENE	3	C	53	65	7	4200	ScCu	7	-	-	-	*		
Felixstowe	1017.7	0	NNE	2	C	58	55	7	3000	ScCu	7	-	1018.1	+1	ENE	4	b	54	75	9	3000	F.Cu	3	Cu	1	-	*		
Shoeburyness	1017.5	0	ESE	3	bcy	57	55	7	4200	Cu	3	A.Cu	2	*	1017.7	0	NE	2	bc	54	45	7	3000	F.Cu	3	-	-	*	
Benson	1017.0	0	NE	1	C	60	65	6	-	Cu	7	-	1016.7	-1	NE	1	b	61	65	7	-	-	-	-	-	-	*		
S. Farnborough	1017.6	0	N	2	om	60	65	6	2000	ScCu	6	A.Sf	3	*	1017.0	0	ENE	2	b	60	65	7	3000	ScCu	1	-	-	*	
London (Kew Obs.)	1017.6	-1	NNE	2	bcy	58	45	7	4200	Cu	6	-	1016.8	-1	N	2	by	62	45	8	5700	Cu	2	-	-	-	*		
Croydon	1017.6	0	NNW	3	bz	59	55	6	3000	Cu	7	-	1017.0	0	NNE	2	bz	60	55	7	4200	P.Cu	1	-	-	-	*		
1H. G.M.T. of 8 th														7H. G.M.T. of 8 th															
Renfrew	1019.7	0	N	2	b	37	85	6	-	-	-	G.Sf	2	*	1019.2	+1	NE	2	bzf	58	85	4	-	-	-	A.Cu	2	*	
Esksdalemuir	1015.2	0	-	0	bc	57	*	*	*	*	*	*	1019.4	0	-	0	b	49	65	7	-	-	-	G.Sf	2	*			
Valencia (Cahire's)	1015.2	0	-	0	bc	57	*	*	*	*	*	*	1013.6	0	SE	3	bz	58	65	7	4200	Cu	3	-	-	-	2	*	
Baldonnel	1016.1	0	-	0	bcz	50	97	3	2000	Sc	5	-	1016.2	0	-	0	C	58	92	5	3000	Cu	8	-	-	-	*		
Didsbury	*	*	*	*	*	*	*	*	*	*	*	*	1019.2	+1	E	3	bzf	49	65	4	-	-	-	-	-	-	*		
Falmouth	1016.3	0	SE	2	0	55	85	5	-	Sc	10	-	1016.5	0	ESE	4	C	55	75	7	-	-	-	CuSc	8	-	-	*	
Calshot (Hants)	1018.0	0	S	3	C	53	75	8	1250	Sc	10	-	1018.9	0	E	3	C	53	75	8	3000	ScCu	8	-	-	-	3	*	
Lympne (Folkestone)	1018.0	0	NE	1	bw	44	85	8	-	-	-	A.Cu	8	*	1018.4	+1	NE	3	b	50	65	8	3000	ScCu	3	-	-	*	
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	1020.2	0	SE	2	bc	48	75	8	-	-	-	Sc	3	A.Cu	3	2	*
Howden	?	+1	-	0	bx	53	97	7	3000	Sc	1	-	?	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Cranwell (Lines)	1020.1	0	RNE	2	bc	45	92	5	3000	Sc	6	-	1020.4	+1	NE	2	b	47	75	7	-	-	-	-	-	-	-	*	
Felixstowe	*	*	*	*	*	*	*	*	*	*	*	*	1019.6	+1	NE	2	bc	50	65	8	4200	ScCu	4	A.Cu	1	1	*		
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	1019.5	0	NE	4	b	52	60	7	-	-	-	A.Cu	1	*			
Benson	*	*	*	*	*	*	*	*	*	*	*	*	1018.4	+1	-	0	0	49	85	6	-	-	-	Cu	9	-	-	*	
S. Farnborough	*	*	*	*	*	*	*	*	*	*	*	*	1018.9	+1	ENE	3	0.2f	48	85	5	2000	ScCu	10	-	-	-	*		
London (Kew Obs.)	1018.8	0	*	*	*	*	*	*	*	*	*	*	1019.4	+1	ENE	1	Czf	51	65	5	4200	Sc	3	A.Cu	4	*			
Croydon	1019.1	0	ESE	1	bwlf	44	92	6	2000	Sc	2	-	1019.4	+1	ENE	2	bczf	49	75	6	2000	Sc	3	Cu	1	*			
STATIONS CONTRIBUTING REPORTS AT 7H. AND 13H.																													
STATIONS.	BAROM. at M.S.L.	TEMP. °F.	WIND.		Weather	BAROMETER.		TEMPERATURE.		WIND.		Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.								
	mb.		Dir.	Force 0-12.		M.S.L. mb.	↑ Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.									
18H. G.M.T. of 7 th										7H. G.M.T. of 8 th										24 HOURS ENDED 7H. 8 th									
Lerwick	1020.1	47	NE	3	bc	1019.6	0	48	+2	-	0	-	b	1	-	48	40	bc	bc	b	*								
Stornoway	1017.1	54	NE	2	bc	1018.3	+	52	+3	-	0	-	b	0	-	54	44	bc	bc	o.b	14.3								
Castlebay (Barra Is)	1016.6	57	ESE	3	b	1018.0	0	55	+4	SE	4	-	bm	4	-	57	51	bz	bz, bc, b	bcz, bm	15.0								
Malin Head	1014.0	57	E	2	bcm	1014.7	0	53	0	SE	4	-	bm	3	-	59	49	bcm	bcm	bcm	10.4								
Blacksod Point	1013.1	61	NW	2	bc	1012.3	+1	57	+5	S	2	-	bc	1	-	63	46	b	bc	bc, bc	*								
Roche's Point	1016.0	61	S	1	C	1016.0	0	57	+6	SSE	2	SE	bc	2	0.2	62	57	f.o.b	bz	bcz	*								
Birr Castle	1013.4	70	SW	1	C	1016.5	*	55	+3	SE	1	-	C	*	-	70	50	C	C	cc	12.3								
Donaghadee	1016.3	54	S	2	bm	1017.8	+2	50	0	SE	3	-	bcm	3	-	59	43	bm	bm	bcz	*								
Liverpool (Bidston)	1015.4	60	E	3	m	1015.4	+2	49	+3	ESE	2	E	0	2	-	66	47	b, bcm	bcz, bm	o, cm	9.4								
Holyhead	1015.4	61	R	4	bm	1017.1	+1	53	+2	E	2	-	om	0	-	63	49	b, bcm	bm	bm	7.8								
Pembroke (St. Ann's Head)	1016.1	58	W	1	bm	1017.4	+1	52	+1	SE	2	-	0	1	-	60	50	bm	bm	bm, o	10.4								
Scilly (St. Mary's)	1016.7	58	SE	2	bm	1015.5	0	56	+2	SE	4	SE	bc	4	-	62	53	bm	bm	C, bc	8.8								
Jersey (St. Aubin)	1016.2	60	E	3	b	1016.9	0	54	+1	SE	4	-	b	3	-	61	50	oc, b	b	bc	*								
Portland Bill	1017.4	56	SSE	2	b	1017.4	0	53	0	SSE	4	SE	bc	3	-	60	50	c, bc	bc	bc	*								
Dungeness	1016.9	55	ENE	4	b	1017.8	+1	55	+8	NNE	3	-	b	3	-	58	37	c, bc	c, bc	bc, o, b	*								
Wick	1019.2	47	E	2	bc	1019.3	0	48	+2	SSE	3	-	bc	2	-	49	44	bc	bc	bc	10.4								
Nairn	1018.3	50	NE	4	bc	1018.9	*	44	+2	-	0	-	b	0	-	53	37	bc, b	b, bc, q	bc, w	10.4								
Leith	1017.5	57	E	2	b	1019.0	0	51	+4	NE	2	-	b	2	-	58	45	oc, bc	c, bc, b	bc, o, b	*								
Tynemouth	1018.6	52	ENE	3	bc	1020.0	+1	46	-1	NNE	1	-	bcm	3	-	54	41	bc	bc	b, b, f	*								
Spurn Head	1018.4	49	NNE	4	bcv	1019.9	0	49	0	NE	2	-	C	3	-	54	42	bcv	bcv	bc	*								
Yarmouth	1018.2	51	NE	3	bc	1019.2	+1	48	-2	NNW	3	-	Cv	2	-	55	41	bcv	bcv	bc, v, v	5.0								
Gtacton-on-Sea	1017.8	54	ESE	4	bc	1014.1	+	50	0	NNE	3	-	bc	2	-	61	40	bcy	bcy	bc	11.4								
Nottingham	1017.3	56	E	1	o	1020.2	*	49	0	E	2	-	b	*	-	57	37	co	co	o	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 H.M.G.M.T. Tuesday, 8th June, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	NE-E 2-10	Cool	Variable sky, local mist.	Good	Slight.
2. E. England	N-NE 2-10	"	Fine to cloudy.	"	Smooth.
3. E. Midlands	NE-E 0-5	"	Variable sky.	Fair	-
4. W. Midlands	SE 0-5	"	Cloudy or dull.	-	-
5. S.W. England	SE 15	Normal	Fair or cloudy.	Good	Slight.
6. South Wales	SE 5	"	Dull.	Fair	Smooth.
7. North Wales	E-SE 5	R.Cool	Dull, local mist.	Indiff.	"
8. N.W. England	E-SE 2-10	Cool	Mainly fine or fair;	"	"
9. N. Midlands	NE-E 5	"	Fine or fair, local mist.	Good	-
10. N.E. England	NE 2-5	"	Fair or cloudy, some local	"	Slight.
11. E. Scotland	NE-SE 0-5	"	Fine or fair, mist.	"	Smooth.
12. S.W. Scotland	NE-SE 0-5	Normal	Fine, local mist.	fair	slight
13. Isle of Man	SE 10	R.Cool	Fair.	-	Slight.
14. N. & N.W. Scot- land	SE 2-10	Normal	Fine or fair.	Fair	"
15. Hebrides	SE 0-15	R.Warm	Fine, local mist.	-	"
16. Orkneys and Shetlands	SSE 0-10	Normal	Fine or fair.	Fair	Smooth.
17. N.W. Ireland	SE-S 5-15	Warm	Fine or fair.	"	"
18. N.E. Ireland	SE 10-15	Normal	Fine or fair, misty.	Indiff.	Slight.
19. S.E. Ireland	SE 0-5	R.Warm	Cloudy.	"	Smooth.
20. S.W. Ireland	SE 5-10	Warm	Fine or fair; local haze.	Fair	"



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

An anticyclone lying over Great Britain will probably maintain fair weather generally for a day or two. Temperature will be higher than of late. A shallow depression off the West of Ireland will ultimately cause some deterioration in the Western districts.

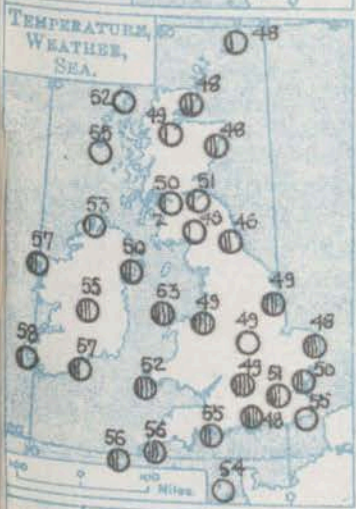
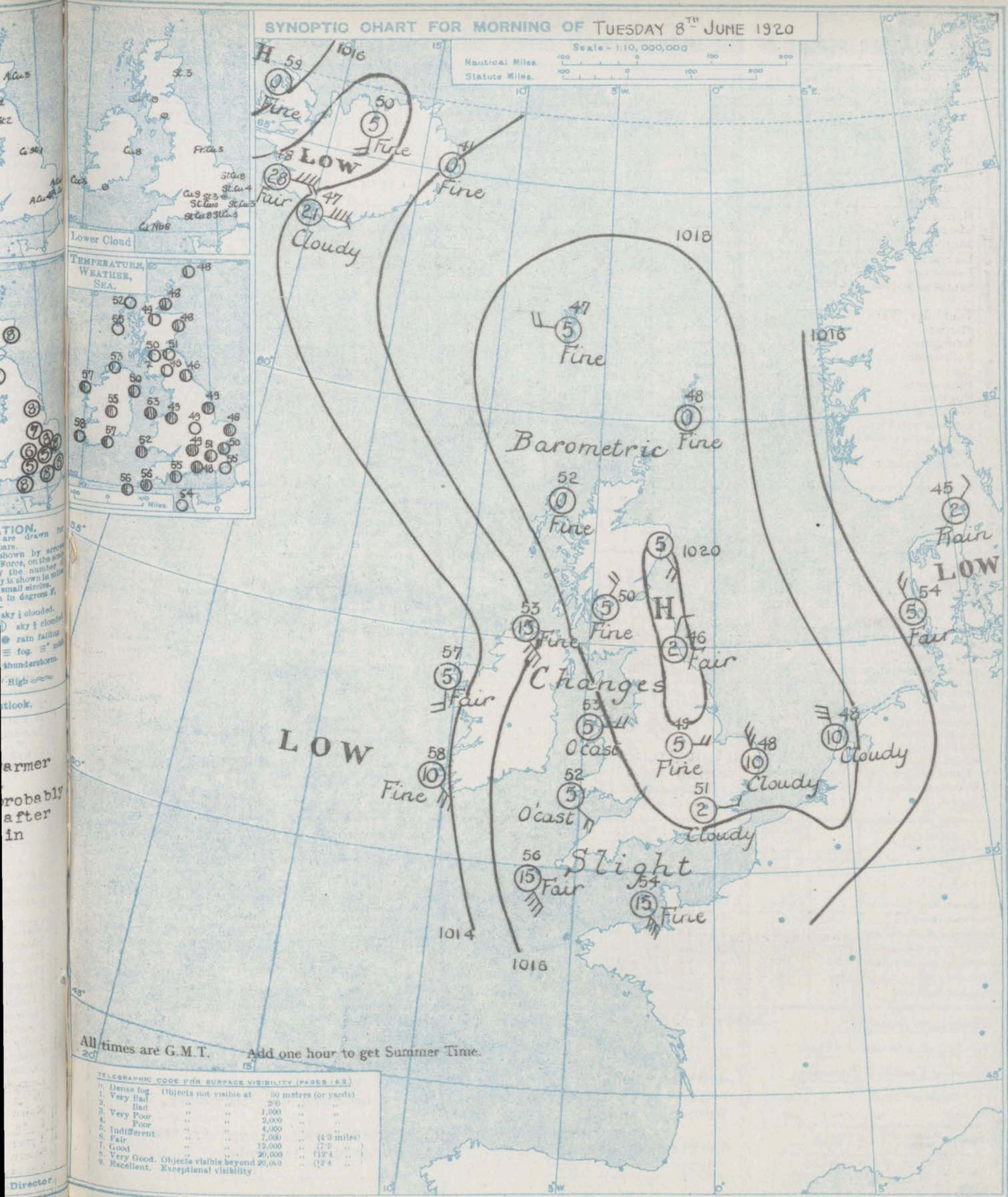
EXPLANATION.
BAROMETER.—Isobars are drawn for intervals of two millibars.
WIND.—Direction is shown by arrow flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.
TEMPERATURE.—Isobars are drawn for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

Districts.	Forecasts for the 24 hours commencing 3.15h. G.M.T. Tuesday, 8th June, 1920.
1. S.E. England	Light N.E. wind; fair generally; visibility good; warmer than of late during day, but risk of night frost.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Light or moderate S.E. or S. wind; fair generally; visibility good; moderate temperature.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Light variable winds; fine; visibility good; warmer than of late during day, but risk of ground frost at night.
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	As for 4 - 8.
14. N. & N.W. Scot- land	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Light variable winds; fine; visibility good; moderate temp.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Fine and warmer over Great Britain, probably some rain after to-morrow in Ireland.

SYNOPTIC CHART FOR MORNING OF TUESDAY 8TH JUNE 1920

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



are drawn for
shown by arrow
Force, on the
the number
y is shown in
small circles
in degrees F.
sky i. clouded.
sky i. clouded
rain falling
fog = " mist
thunderstorm.
High
look.

armer
probably
after
in

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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 1 & 2)

Code	Very Bad	Bad	Very Poor	Poor	Indifferent	Fair	Good	Very Good	Excellent
1	Objects not visible at 200 metres (or yards)								
2		1,000							
3			2,000						
4				4,000					
5					1,000				
6						15,000			
7							30,000		
8								Objects visible beyond 20,000	
9									Exceptional visibility

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 160.

Tuesday
8th June

WEATHER, TEMPERATURE RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 7th.....																				
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.			STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-9h. 6th-7th	Day. 9h-17h. 7th	to 17h. 7th	Sunrise to Sun-set. 6th				Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-9h. 6th-7th	Day. 9h-17h. 7th	to 17h. 7th	Sunrise to Sun-set. 6th
Scotland.	Oban	bc	b	64	40	-	-	12.0	?	England, N.W.	Douglas (I.O.M.)	-	-	60	43	-	-	12.0	?	
	Banff	c.bc	b	51	45	-	-	7.7	2.6		Blackpool	o.c	b	61	44	-	-	3.4	6.2	
	Montrose	bc b	b	52	38	-	-	12.6	?		Southport	bccz.o	oc z.bc	62	40	-	-	5.5	10.9	
	St. Andrews ...	b	b	54	45	-	-	7.0	?											
England, N.E.	Harrogate	oco	c.b.c.b	57	43	-	-	4.4	?	Midlands.	Buxton	bcbcc	bc.o	56	39	-	-	2.2		
	Scarborough ...	b	b	58	43	-	-	11.7	?		Leamington Spa...	b	ob	60	42	-	-	8.9		
	Skegness	bv	vb	54	43	-	-	12.1	?		Malvern	b.b.c	bc.b	63	49	-	-	5.6	?	
England, E.	Lowestoft	oc	c.b.c	53	44	-	-	4.6	0.1	Wales.	Ross-on-Wys ...	cmcb.c	cy	65	42	-	-	3.5	?	
	Felixstowe	bc	bc	60	43	-	-	10.2	0.4		Bath	oc b.c.b	bcc.o	63	51	-	-	3.0	9.5	
	Southend-on-Sea...	oc.b.c	bc.bv	61	44	-	-	9.8	2.9		Rhyl	bc.b	b.c.e	66	44	-	-	6.3	13.2	
England, S.E.	Tunbridge Wells	b	b	63	36	-	-	10.1	5.5	England, S.W.	Colwyn Bay	*	*	64	49	-	-	7.5	14.5	
	Margate	bc.b	b	56	48	-	-	9.4	0.2		Llandudno	-	-	63	47	-	-	11.0	14.4	
	Ramsgate	*	*	55	41	-	-	9.3	?		Aberystwyth ...	c	c	61	57	-	-	11.5	?	
	Folkestone	c	c.b.c	58	44	-	-	9.0	2.6		Swansea	-	-	64	47	-	-	10.4	?	
	Hastings	bc	bc.b	60	44	-	-	3.3	4.4	Weymouth	c	c.b	64	53	-	-	7.2	?		
	Eastbourne	bc	bc	62	40	-	-	11.4	6.7	Teignmouth ...	c.b.c	b.b.c	61	47	-	-	5.5	?		
	Brighton	bcc	c	59	40	-	-	6.4	9.0	Torquay	b	bc.b	62	50	-	-	7.1	8.3		
	Worthing	b.b.c	c.b.c	59	45	-	-	7.3	11.5	Paignton	b	ob.c	62	45	-	-	7.5	?		
	Littlehampton ...	o.c	bc	61	47	-	-	5.2	?	Penzance	b	b	64	52	-	-	9.0	13.2		
	Portsmouth (Sibsea)	*	*	60	52	-	-	3.7	8.3	Newquay										
	Bournemouth ...	*	*	62	53	-	-	8.0	10.0	Bude	m.b.c	b	63	43	-	-	8.5	?		
	Ventnor (I. of W.)	*	*	63	49	-	-	6.8	10.0	Ilfracombe	b	b	59	49	-	-	11.8	14.1		
											Weston-s-Mare ...	o.b.c.c	b.c.c	66	51	-	-	2.3	?	
										Tenby (Wales)	b	b	65	57	-	-	12.1	?		

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.			THE BEAUFORT SCALE OF WIND FORCE.		
STATIONS.		WEATHER.				Max. Temp. F.		Min. Temp. F.		Rainfall.		Sun. Hours.	Limits of Velocity at about 30 feet above ground.		
		7h-13h.	13h-19h.	19h-1h.	1h-7h.	Temp. F.	Temp. F.	Temp. F.	Temp. F.	Day. 7h-13h.	Night. 19h-1h.				
Renfrew		b.b.c.zf.	b.b.c.z	b	bc.c.f	61	44	39	-	-	-	5.1	0 Less than 1 Less than 0.8		
Eskdalemuir		o	oc.bcy	b	b	59	35	30	-	-	-	5.1			
Valencia (Cahleeven)		bz	bzy	bc	bc	64	46	40	-	-	-	14.0	1 1-3 0.8-1.5		
Baldonnel		z.bbc	b.b.c.z	c.o.z.f	c.o.c.f	65	42	-	-	-	-	13.3	2 4-7 1.6-3.8		
Didsbury		b.c.c.z	c.o.zf	bc	bc.cw	61	43	39	-	-	-	*	3 8-12 5.4-6.4		
Falmouth		bif	bz.c.z	c.c.o	o.c	60	32	41	-	-	-	11.1	4 18-18 5.6-7.9		
Calshot (Hants)		c.o	c.o	b.b.c	bc.c.o	61	48	48	-	-	-	5.1	5 19-24 8.0-10.7		
Lympne (Folkestone)		om.c.zf	c.b.c.b	bw	b.w	58	40	30	-	-	-	11.4	6 25-31 10.8-13.8		
Aberdeen		c.b.c.bv	bv	bc	bc.c	54	37	30	-	-	-	9.6	7 32-38 12.9-17.1		
Howden		om.c.o	b.c.c.v	b.b.cw	b.b.c.x	60	42	25	-	-	-	6.4	8 30-46 17.2-20.7		
Cranwell (Lincs)		c.o	b.c.c.o	b.b.c	b.b.c	59	35	*	-	-	-	4.0	9 47-64 20.8-24.4		
Felixstowe		b.c.c	b.c.c	b.b.c	b.b.c	60	37	*	-	-	-	*	10 55-63 24.5-28.4		
Shoeburyness		bc	b.c.c	bx	bx	59	40	28	-	-	-	9.9	11 64-75 28.5-33.6		
Benson		b.c.c	b	b.c.c.c.o	b.c.c.c.o	62	41	34	-	-	-	*	12 Above 75 33.6 or above		
Farnborough		b.o.z	oc.bz	bc.o.zf	bc.o.zf	61	37	34	-	-	-	7.1	SYMBOLS— Aurora ☆ Solar halo ⊕ Rime ⋄ Lunar halo ⊙ Glazed frost ~ Solar corona ⊕ Glazed roads ~ Lunar corona ⊕		
London (Kew Obs.)		bc.zf.bz	bc.zf.bz	bc.zf.bz	bc.zf.bz	62	44	32	-	-	-	11.2			
Croydon		bc.zf.bz	bc.zf.bz	bc.zf.bz	bc.zf.bz	62	38	*	-	-	-	*			

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).			TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.		
STATIONS.		WEATHER.				Max. Temp. F.		Min. Temp. F.		Rainfall.		Sun. Hours.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.		
		Morning.	Afternoon.	Night.	Temp. F.	Temp. F.	Temp. F.	Temp. F.	Temp. F.	mm.	mm.				
Greenwich (Royal Observatory)		c	c.b.b.c	c.b.c	65	40	25	-	-	-	-	10.4	Total 1795 Joules. Average Rate. 30.4 Maximum Rate. 92		
City (Sunhill Row)		*	*	*	64	47	40	-	-	-	-	10.5			
Westminster (St. James's Park)		*	*	*	64	47	40	-	-	-	-	9.7	Yarmouth... { 3.33 11.52 4.11 Greenwich { 3.46 11.59 4.11 Wick { 3.10 12.11 4.11 Valencia ... { 4.24 12.40 4.57		
(Admiralty Arch)		bcz	bcz	bcz	66	47	*	-	-	-	-	10.5			
Camden Sq. (British Rainfall)		c.b.c	bc	*	68	43	40	-	-	-	-	43			
Kensington Palace		o.b.c	bc	*	63	43	35	-	-	-	-	49 (18h)			
Hampstead Observatory		*	*	*	60	42	*	-	-	-	-	10.9			

Photographic Record of

Pole Star (Polaris) and of 8 Ursae

Minoris at Greenwich Observatory.

Exposure fromh.....m.
toh.....m.

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

NOTES ON THE WEATHER OF YESTERDAY.

Rainfall over the British Isles was again nil, and the day was fine in most localities. 15 hours of sunshine were recorded at Castlehay and 14 hours or more at Stornoway, Pembroke and Valencia.

Temperature continued below the normal except in the Western districts, night frosts occurring inland.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

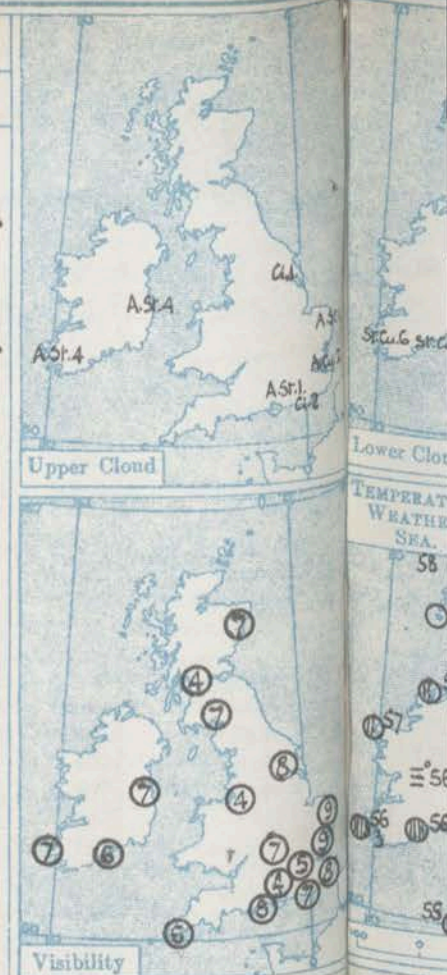
No. B.2,384.

Wednesday... 9th June... 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.	in 3 hours.	Dir.	Force 0-12.		°F.				Form.	Amt. 0-10.	Form.	Amt. 0-10.		0-9.	at M.S.L.	in 3 hours.	Dir.		Force 0-12.				°F.	Form.	Amt. 0-10.	Form.		Amt. 0-10.	0-9.	
13H. G.M.T. 8th																18H. G.M.T. OF 8th															
RENFREW.	1018.0	-1	ENE	3	bc	63	55	5	4,200	cu	4	-	-	-	1017.6	0	NE	4	b	62	55	7	-	-	-	-	-	-			
Eskdalemuir	1018.1	0	ESE	2	bc	62	55	7	3,000	cu	5	-	-	-	1017.8	0	ESE	3	b	59	65	9	-	-	-	-	-	-			
Valencia (Cahire's)	1013.5	0	ESE	4	bc	61	65	7	4,200	st cu	6	asc	4	3	1013.3	0	SE	4	oif	58	75	7	4,200	st cu	7	asc	3	3			
Baldonnel	1016.0	0	-	0	bc	62	62	4	2,000	st cu	9	-	-	-	1015.9	-1	ENE	3	bc	62	75	6	3,000	st	3	asc	1	-			
Didsbury	1018.1	-2	E	2	bc	62	55	4	4,200	st cu	1	-	-	-	1017.6	0	E	3	b	60	55	6	-	-	-	-	-	-			
Falmouth	1016.2	-1	E	4	bc	59	65	5	-	cu	3	-	-	-	1015.2	-2	E	4	bx	57	65	5	-	-	-	cu	2	-			
Calshot (Hants)	1017.8	-2	SSE	4	bc	59	65	8	3,000	st cu	1	-	-	3	1016.8	-1	SE	4	bx	55	75	9	-	-	-	-	-	3			
Lymington (Folkestone)	1018.5	0	ENE	4	bc	54	65	9	4,200	st cu	5	-	-	-	1017.9	-1	E	4	bc	51	65	9	2,000	st cu	6	-	-	-			
Aberdeen	1020.6	+1	SE	3	bc	55	65	8	-	-	-	asc	1	2	1020.5	0	SSE	2	bc	50	65	8	-	-	-	-	-	2			
Howden	1019.9	0	E	2	bc	57	75	9	3,000	st cu	5	-	-	-	1019.6	0	ENE	3	bx	55	75	9	4,200	st cu	1	-	-	-			
Cranwell (Lines)	1019.8	0	NE	2	bc	58	65	8	-	cu	4	-	-	-	1019.8	0	E	3	b	53	65	8	-	-	-	-	-	-			
Felixstowe	1019.6	-1	ENE	2	bc	55	55	8	4,200	st cu	1	asc	1	-	1019.1	-1	ENE	4	bc	53	65	8	4,200	st cu	1	ci	1	-			
Shoeburyness	1018.5	0	NE	5	bc	57	55	7	3,000	cu	4	-	-	-	1018.8	0	NE	3	bc	52	65	7	-	-	-	-	-	-			
Benson	1017.2	-2	N	3	bc	62	65	7	-	cu	4	-	-	-	1016.6	0	ENE	1	bc	64	45	8	-	-	-	-	-	-			
S. Farnborough	1017.5	-1	ENE	3	bc	62	55	6	2,000	st cu	2	asc	3	-	1017.1	0	E	3	bc	60	65	7	-	-	-	-	-	-			
London (Kew Obs.)	1017.8	-4	E	3	bc	60	45	5	5,700	cu	1	-	-	-	1017.5	0	ESE	4	bc	59	55	6	-	-	-	-	-	-			
Croydon	1018.4	-1	NE	2	bc	61	55	7	3,000	st cu	2	-	-	-	1018.4	+1	E	3	bc	56	65	8	-	-	-	asc	1	-			
7H. G.M.T. OF 9th																7H. G.M.T. OF 9th															
RENFREW.	1020.4	+1	-	0	bc	60	85	7	-	-	-	-	-	-	1019.5	0	NE	1	bc	51	85	4	-	-	-	-	-	-			
Eskdalemuir	1020.4	+1	-	0	bc	60	85	7	-	-	-	-	-	-	1019.4	0	ENE	1	bc	51	86	7	-	-	-	-	-	-			
Valencia (Cahire's)	1013.4	0	ESE	1	bc	62	-	-	-	-	-	-	-	3	1012.2	0	ESE	1	bc	56	75	7	-	-	-	asc	7	2			
Baldonnel	1016.8	0	E	2	bc	51	45	9	3,000	st	6	-	-	-	1016.5	0	ESE	2	bc	54	75	7	3,000	st	6	asc	4	-			
Didsbury	1018.9	-2	ESE	6	bc	54	85	5	-	st	7	-	-	-	1019.4	0	ESE	3	bc	48	75	4	4,200	st cu	3	-	-	-			
Falmouth	1018.9	-2	ESE	6	bc	54	85	5	-	st	7	-	-	-	1018.4	0	E	5	bc	54	85	6	-	st cu	10	-	-	-			
Calshot (Hants)	1017.5	0	E	3	bc	48	85	8	-	-	-	-	-	3	1016.8	+1	NE	4	bc	53	75	8	2,000	cu	2	-	-	3			
Lymington (Folkestone)	1018.4	0	ENE	4	bc	43	85	8	3,000	st cu	2	-	-	-	1016.9	0	E	5	bc	52	75	8	2,000	st cu	7	-	-	-			
Aberdeen	1020.5	0	-	0	bc	57	97	7	-	-	-	asc	1	-	1020.2	0	-	0	bc	52	75	7	-	-	-	-	-	2			
Howden	1020.5	0	-	0	bc	57	97	7	-	-	-	asc	1	-	1020.1	0	-	0	bc	51	75	8	4,200	st cu	6	ci	1	-			
Cranwell (Lines)	1021.2	0	ENE	1	bc	58	92	5	-	-	-	-	-	-	1018.9	0	NE	3	bc	53	92	9	3,000	st cu	7	-	-	2			
Felixstowe	1021.2	0	ENE	1	bc	58	92	5	-	-	-	-	-	-	1018.0	0	NE	3	bc	56	65	7	3,000	cu	2	asc	2	-			
Shoeburyness	1021.2	0	ENE	1	bc	58	92	5	-	-	-	-	-	-	1016.9	0	ENE	3	bc	53	75	7	-	cu	1	-	-	-			
Benson	1021.2	0	ENE	1	bc	58	92	5	-	-	-	-	-	-	1017.5	+1	ENE	4	bc	48	85	4	-	-	-	asc	1	-			
S. Farnborough	1021.2	0	ENE	1	bc	58	92	5	-	-	-	-	-	-	1015.1	0	ENE	3	bc	51	65	5	-	-	-	-	-	-			
London (Kew Obs.)	1019.3	0	-	0	bc	60	85	7	-	-	-	-	-	-	1018.2	-1	ENE	3	bc	48	75	5	-	-	-	-	-	-			
Croydon	1019.3	-1	E	1	bc	60	92	6	-	-	-	-	-	-	1018.2	-1	ENE	3	bc	48	75	5	-	-	-	-	-	-			
STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.																															
STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea.	Rainfall.	TEMP.		WEATHER.			Sunshine.										
	at M.S.L.	°F.	Dir.	Force 0-12.		at M.S.L.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.		Hours.									
12H. G.M.T. OF 8th																7H. G.M.T. OF 9th										24 HOURS ENDED 7H. 9th					
Lerwick	1019.8	52	W	2	bc	1020.1	0	49	+1	-	0	-	bc	0	2	64	40	bc	bc	bc	bc	15.0									
Stornoway	1018.8	58	SE	1	bc	1019.3	+1	58	46	E	1	-	bc	0	-	61	46	bc	bc	bc	bc	14.4									
Castlebay (Barra)	1017.9	60	E	2	bc	1018.3	0	58	43	S	1	-	bc	1	-	61	50	bc	bc	bc	bc	14.4									
Glasgow	1015.4	57	ESE	3	bc	1016.1	0	68	0	SE	2	SE	bc	1	-	62	49	bc	bc	bc	bc	18.1									
Malin Head	1012.6	61	NE	3	bc	1013.0	0	57	0	SE	2	-	bc	1	-	67	52	bc	bc	bc	bc	bc									
Blackod Point	1016.0	57	SSE	4	bc	1013.7	-1	56	-1	SE	4	-	bc	4	-	60	54	bc	bc	bc	bc	bc									
Roche's Point	1016.0	57	SSE	4	bc	1013.7	-1	56	-1	SE	4	-	bc	4	-	60	54	bc	bc	bc	bc	bc									
Birr Castle	1015.9	63	SE	1	bc	1015.0	-	56	-1	SE	2	-	bc	2	-	66	57	bc	bc	bc	bc	9.0									
Donaghadee	1016.4	57	SSE	2	bc	1014.7	+1	52	+2	SSE	2	-	bc	2	-	69	47	bc	bc	bc	bc	bc									
Liverpool (Bidston)	1016.5	61	ESE	3	bc	1018.2	0	50	+1	ESE	3	-	bc	2	-	60	45	bc	bc	bc	bc	9.3									
Holyhead	1016.4	60	N	2	bc	1014.0	0	52	-1	E	4	-	bc	3	-	63	48	bc	bc	bc	bc	3.7									
Pembroke (St. Ann's Head)	1016.4	58	E	1	bc	1015.0	-1	51	-2	ESE	4	-	bc	3	-	60	50	bc	bc	bc	bc	4.7									
Scilly (St. Mary's)	1014.8	56	ESE	5	bc	1012.3	-1	55	-1	ESE	4	E	bc	5	-	60	53	bc	bc	bc	bc	12.2									
Jersey (St. Aubin)	1014.7	59	SE	5	bc	1013.2	0	55	-1	ESE	3	E	bc	3	-	63	52	bc	bc	bc	bc	14.8									
Portland Bill	1015.7	56	ESE	4	bc	1015.1	0	53	-2	ENE	6	E	bc	5	-	58	48	bc	bc	bc	bc	bc									
Dungeness	1017.1	54	ENE	4	bc	1016.5	0	53	-2	ENE	4	E	bc	4	-	58	44	bc	bc	bc	bc	bc									
Wick	1020.2	48	SE	2	bc	1019.5	0	50	-2	ESE	1	-	bc	2	-																

SUMMARY OF CONDITIONS AT 7h. G.M.T. Wednesday, 9th June, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	NE-E 10-20	Cool	Mainly fine, misty inland.	Fair	Mod.
2. E. England	NE-E 2-15	R.Cool	Fair or cloudy.	V.Good	Slight.
3. E. Midlands	ENE-E 5-10	Cool	Fine.	Good	-
4. W. Midlands	E-SE 10	"	Fine to fair.	Fair	-
5. S.W. England	ENE-ESE 15-20	R.Cool	Cloudy or overcast.	"	R.Rough.
6. South Wales	ESE 10-15	"	Fair or cloudy.	"	Slight.
7. North Wales	E-SE 10-15	"	Fine, local haze.	Indiff.	"
8. N.W. England	E-SE 5-10	"	Fine, some local mist.	"	Smooth.
9. N. Midlands	E C-10	Cool	Fine or fair.	Var.	-
10. N.E. England	Var. 0-10	"	Fine to cloudy, fog at	"	Slight.
11. E. Scotland	Var. 0-2	R.Cool	Fine. (Tynemouth.	Good	Smooth.
12. S.W. Scotland	NE-E 2	Normal	Fine, local mist.	Var.	"
13. Isle of Man	SE 10	"	Fine.	-	"
14. N. & N.W. Scot- land	Var. 0-2	R.Warm.	Fine or fair.	Var.	"
15. Hebrides	E-S 2	V.Warm	Fine, mist in South.	"	"
16. Orkneys and Shetlands	Var. 0-2	Normal	Fine or fair.	Good	"
17. N.W. Ireland	SE 5	Warm	Fair, local mist.	Fair	"
18. N.E. Ireland	SE 5	R.Warm	Fine or fair, misty.	Indiff.	"
19. S.E. Ireland	E-SE 5-15	Warm	Cloudy or overcast, local	Fair.	Slight.
20. S.W. Ireland	SE 2-15	R.Warm	Overcast. (mist.	"	"



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

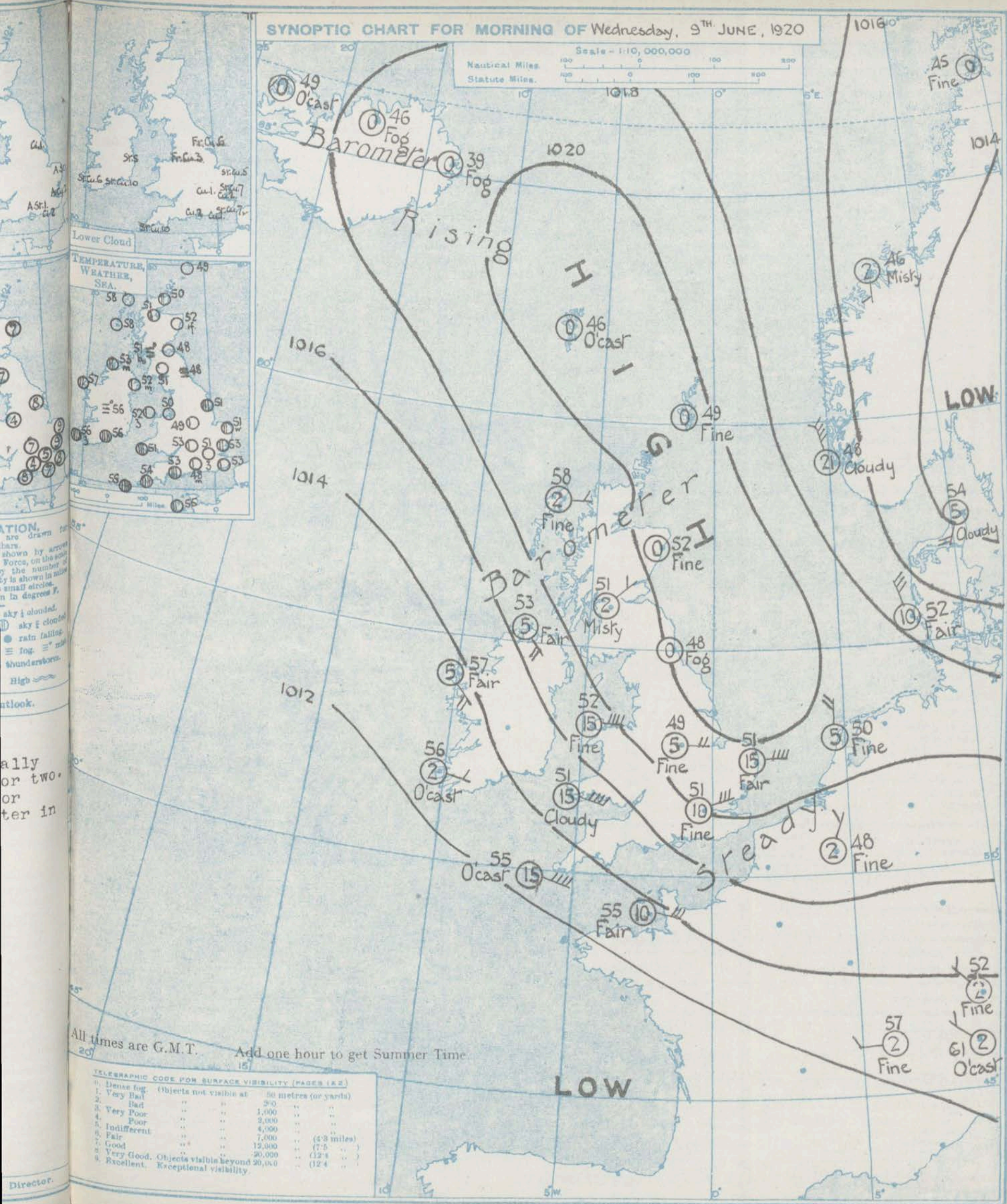
GENERAL INFERENCE from observations received up to 9h. G.M.T.

The anticyclone covering the Northeastern half of the British Isles will probably maintain fine weather generally for at least a day or two. A thundery tendency is likely to develop later in the South.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 9th June, 1920.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind N.E. to E., moderate; fine, visibility good; cool; risk of night frost.	Fine generally for a day or two. Tendency for thunder later in the South.
5. S.W. England 6. South Wales 7. North Wales	Wind S.E. or E., moderate; cloudy; visibility good; moderate temperature.	
8. N.W. England 9. N. Midlands	Wind S.E. or E., light or moderate; fine; visibility good; cool, risk of night frost.	
10. N.E. England 11. E. Scotland 12. S.W. Scotland	Light variable winds; fine; visibility mainly good; cool; risk of night frost.	
13. Isle of Man 14. N. & N.W. Scot- land 15. Hebrides 16. Orkneys and Shetlands	Light variable winds; fine; visibility good; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland	As for 8 - 9.	
19. S.E. Ireland 20. S.W. Ireland	As for 5 - 7.	

SYNOPTIC CHART FOR MORNING OF Wednesday, 9TH JUNE, 1920

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



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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)

	Objects not visible at	50 metres (or yards)
0. Dense fog.		
1. Very Bad	"	300 "
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. 161...

Wednesday

9th JuneWEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 8th June

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	bc	69	47	-	-	9.9	13.9	Douglas (I.O.M.)	-	-	62	43	-	-	10.2	12.0
Banff ...	bc bc	bc	58	38	-	-	11.9	9.3	Blackpool ...	m.	bc	65	43	-	-	9.5	4.1
Montrose ...	bc	bc	52	35	-	-	12.0	14.5	Southport ...	bc	bc bc	65	44	-	-	9.2	5.5
St. Andrews ...	bc	bc	55	38	-	-	11.9	9.1									
England, N.E.									Midlands.								
Harrogate ...	bc	bc	60	34	-	-	10.8	6.6	Buxton ...	bc bc bc	bc bc	59	40	-	-	10.3	2.3
Scarborough ...	bc	bc	57	43	-	-	10.4	13.8	Leamington Spa ...	bc	bc	62	42	-	-	10.5	8.9
Skegness ...	bc bc	bc	64	38	-	-	8.6	13.1	Malvern ...	bc bc	bc	64	45	-	-	9.2	5.6
England, E.									Ross-on-Wye ...	bc bc	bc bc	65	46	-	-	9.4	3.6
Lowestoft ...	bc	bc bc	53	42	-	-	3.0	5.6	Bath ...	bc bc bc	bc bc	64	44	-	-	7.5	3.0
Felixstowe ...	bc	bc	56	41	-	-	7.8	12.6	Rhyl ...	bc bc	bc	67	44	-	-	6.6	8.5
Southend-on-Sea ...	bc bc	bc	59	42	-	-	11.5	11.6	Colwyn Bay ...	-	-	64	53	-	-	4.6	8.5
England, S.E.									Llandudno ...	bc	bc bc	64	52	-	-	6.3	11.3
Tunbridge Wells ...	bc	bc	60	39	-	-	11.7	11.1	Aberystwyth ...	bc	bc bc	61	55	-	-	0.7	12.2
Margate ...	bc bc	bc	56	49	-	-	9.2	11.7	Swansea ...	-	-	62	54	-	-	7.9	11.2
Ramsgate ...	-	-	54	44	-	-	7.8	11.4	Weymouth ...	bc	bc bc	62	46	-	-	7.6	7.5
Folkestone ...	bc	bc bc	60	46	-	-	10.3	11.0	Teignmouth ...	bc	bc	59	43	-	-	9.0	6.5
Hastings ...	bc bc	bc	57	44	-	-	11.0	11.3	Torquay ...	bc	bc	58	49	-	-	10.1	8.5
Eastbourne ...	bc	bc	57	41	-	-	11.5	13.7	Paignton ...	bc bc	bc	59	42	-	-	10.3	8.5
Brighton ...	bc	bc	61	40	-	-	11.5	8.3	Penzance ...	bc	bc bc	59	51	-	-	11.5	10.8
Worthing ...	bc bc	bc	60	43	-	-	10.1	8.4	Newquay ...	-	-	59	48	-	-	11.7	?
Littlehampton ...	bc	bc	61	42	-	-	10.0	6.5	Bude ...	bc	bc	65	48	-	-	11.8	10.4
Portsmouth (S. Sea) ...	-	-	59	48	-	-	9.5	4.5	Hfracombe ...	bc bc	bc bc bc	61	53	-	-	8.9	13.9
Bournemouth ...	-	-	62	43	-	-	10.3	8.0	Weston-s-Mare ...	bc bc bc	bc bc bc	65	47	-	-	7.0	2.3
Ventnor (I. of W.) ...	-	-	63	48	-	-	8.2	8.2	Jenby (Wales) ...	bc	bc	63	59	-	-	9.5	13.3

SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.				TEMP.		RAINFALL.		Sun.
	7h-12h	12h-18h	18h-24h	24h-7h	Max. °F.	Min. °F.	Day. 7h-18h	Night. 18h-7h	
RENFREW.	bc bc	bc bc	bc bc	bc bc	67	41	31	-	*
Eskdalemuir ...	bc bc	bc bc	bc bc	bc bc	64	37	30	-	12.3
Valencia (Cahirciveen) ...	bc bc	bc bc	bc bc	bc bc	62	53	50	-	1.6
Baldonnel ...	bc bc	bc bc	bc bc	bc bc	66	41	-	-	5.2
Didsbury ...	bc	bc	bc	bc	64	40	31	-	8
Falmouth ...	bc bc	bc bc	bc bc	bc bc	60	52	49	-	11.9
Calshot (Hants) ...	bc bc	bc bc	bc bc	bc bc	60	46	44	-	12.8
Lympne (Folkestone) ...	bc bc	bc bc	bc bc	bc bc	56	40	36	-	14.4
Aberdeen ...	bc bc	bc bc	bc bc	bc bc	55	43	36	-	14.0
Howden ...	bc	bc	bc	bc	59	32	25	-	14.7
Cranwell (Lincoln) ...	bc bc	bc bc	bc bc	bc bc	56	40	31	-	8
Felixstowe ...	bc bc	bc bc	bc bc	bc bc	60	44	39	-	14.8
Shoeburyness ...	bc bc	bc bc	bc bc	bc bc	66	37	29	-	*
Benson ...	bc bc	bc bc	bc bc	bc bc	65	35	30	-	12.1
S. Farnborough ...	bc bc	bc bc	bc bc	bc bc	62	44	29	-	12.8
London (Kew Obs.) ...	bc bc	bc bc	bc bc	bc bc	62	36	36	-	*
Croydon ...	bc bc	bc bc	bc bc	bc bc	62	36	36	-	*

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 33 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	1.6-3.8
3	8-12	5.4-5.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.5
7	32-38	13.6-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-25.4
11	64-75	28.5-33.5
12	Above 75	33.6 or above

SYMBOLS—

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

LONDON OBSERVATIONS.

STATIONS.	WEATHER.		TEMP.		RAINFALL.		SUNSHINE.		Humidity %
	Morning.	Afternoon.	Max. °F.	Min. °F.	Min. on Grass. °F.	min.	Hours.	15 h. 9 h.	
Greenwich (Royal Observatory)	bc	bc	64	38	26	-	13.6	51	62
City (Bunhill Row) ...	-	-	-	-	-	-	15.8	-	-
Westminster (St. James's Park)	-	-	63	45	35	-	13.7	51	58
" (Admiralty Arch)	bc bc	bc bc	62	45	-	-	14.0	59	61
Camden Sq. (British Rainfall)	bc	bc	69	41	36	-	-	48	59
Kensington Palace ...	bc bc	bc bc	60	42	34	-	-	60 (18h)	60
Hampstead Observatory ...	-	-	61	40	-	-	14.2	-	62

SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.	YESTERDAY.		TODAY.	
	Hours.	G.M.T.	Hours.	G.M.T.
Total	2.1.8.6	Joules.		
Average Rate.	37.0	Milliwatts.		
Maximum Rate.	74			

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

Stations.	9 th + 10 th June 1920.		
	Sunrise.	Noon.	Sunset.
Yarmouth...	3.33	11.52	8.12
Greenwich	3.32	11.52	8.12
Wick	3.46	11.59	8.12
Valencia	3.45	11.59	8.13
	3.9	12.11	9.12
	3.9	12.11	9.13
	4.24	12.40	8.57
	4.23	12.40	8.57

Photographic Record of

Pole Star (Polaris) and of 8 Ursae

Minoris at Greenwich Observatory.

Exposure from 11.45 h. to 12.00 h.
 to 12.00 h. to 12.15 h.

Stars.	Duration of Exposure.		Duration of Record.		%
	h.	m.	h.	m.	
Polaris	5	15	5	15	100
8 Ursae	5	30	5	30	100
Minoris	5	30	5	30	100

NOTES ON THE WEATHER OF YESTERDAY.

There was again a complete absence of precipitation in the British Isles and good sunshine records were obtained in nearly all localities. Fifteen hours were registered at Stornoway and Nairn and many stations recorded more than 14 hours. Temperature, however, continued below the normal in most districts, and ground frosts of some intensity occurred inland at night. The grass minimum temperature was as low as 22° at Fulham. At Howden temperature fell to 32° in the screen.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:
BRITISH SECTION. No. B.21,385 Thursday...10TH...June.....1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.																													
STATIONS.	BAROM.	Change in 3 hours.	WIND.		Weather	TEMP.	Humidity, %	Visibility, 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM.	Change in 3 hours.	WIND.		Weather	TEMP.	Humidity, %	Visibility, 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	
	at M.S.L. mb.		Force 0-12.	°F.		Form.				Amt. 0-10.	Form.	Amt. 0-10.	°F.		Force 0-12.		°F.	Form.		Amt. 0-10.				Form.	Amt. 0-10.				
13H. G.M.T. 9.15.....															18H. G.M.T. OF 9.15.....														
Renfrew...	1017.8	-2	NE	4	bz	66	55	6	-	-	-	-	-	-	1016.9	-1	ENE	4	bz	64	55	7	-	-	-	-	-	-	
Esksdalemuir ...	1017.7	0	ESE	3	by	64	55	7	-	-	-	-	-	*	1016.8	0	ESE	3	byz	62	55	7	-	-	-	-	-	-	
Valencia (Cahire'n)	1011.8	-1	E	2	ozrr	56	85	6	3000	st	8	A.st	2	2	1011.4	0	ESE	3	bc	55	92	7	1250	st	6	A.st	2	3	
Baldonnel	1015.7	-2	E	5	bcq	59	75	7	5700	st	3	Ci.st	3	*	1015.1	-1	NE	3	CZ	57	95	7	-	-	-	-	-	*	
Didsbury	1017.4	-3	ESE	4	b	63	55	7	-	-	-	-	-	-	1016.4	-1	ESE	4	b	62	55	7	-	-	-	-	-	*	
Falmouth	1013.2	0	E	6	oz	56	75	5	-	Fr.cu	2	A.st	8	*	1013.1	-1	ESE	3	adm	54	95	5	-	Nb	10	-	-	*	
Calshot (Hants) ...	1015.6	-1	ESE	5	bc	58	75	8	2000	Cu	2	Ci	3	4	1013.6	-2	ESE	4	c	62	55	8	-	-	-	Ci.st	8	4	
Lympne (Folkestone)	1016.8	0	ENE	5	b	57	75	8	4200	Fr.cu	2	Ci	1	*	1015.7	-2	SE	5	b	54	75	8	-	-	-	Ci.st	2	*	
Aberdeen	1019.7	-1	SSE	3	bz	60	55	7	-	-	-	-	-	2	1019.5	0	SSE	2	bz	54	55	7	-	-	-	-	-	2	
Howden	1019.2	-1	ESE	3	bz	58	75	8	-	-	-	-	-	*	1019.7	0	ESE	3	bz	54	75	8	-	-	-	-	-	*	
Cranwell (Lincs)	1018.8	-1	E	3	bo	58	45	8	-	-	-	-	-	*	1019.3	0	ENE	3	b	55	65	8	-	-	-	-	-	*	
Felixstowe	1018.4	-1	ENE	4	b	56	65	9	3000	Fr.cu	1	-	-	*	1017.9	-1	NE	4	b	53	75	8	1250	st	1	-	-	*	
Shoeburyness...	1018.2	0	NE	5	bu	58	55	8	5700	Cu	3	-	-	*	1017.0	-2	NE	5	bu	55	65	8	-	-	-	Ci	1	*	
Benson	1015.1	-2	ESE	3	b	64	55	7	-	-	-	-	-	*	1014.8	0	E	3	b	61	55	5	-	-	-	-	-	*	
S. Farnborough	1015.6	-2	ESE	4	byz	65	55	7	2000	st	1	Ci	1	*	1015.0	0	E	4	bc	61	65	7	-	-	-	A.st	3	*	
London (Kew Obs.)	1016.3	-2	ENE	4	bzy	61	55	5	-	-	-	-	-	*	1015.4	-1	E	4	by	60	55	8	-	-	-	Ci	1	*	
Croydon	1016.7	-1	ENE	4	b	62	55	7	-	-	-	Ci	1	*	1016.2	-2	E	3	bc	57	65	8	-	-	-	Ci	4	*	
1H. G.M.T. OF 10.15.....															7H. G.M.T. OF 10.15.....														
Renfrew	1018.6	0	-	0	bo	60	85	7	-	-	-	-	-	*	1018.0	0	ENE	5	b	49	75	6	1250	st	2	-	-	*	
Esksdalemuir ...	1018.6	0	-	0	bo	60	85	7	-	-	-	-	-	*	1018.2	0	NE	3	of	48	85	6	2000	st	9	-	-	*	
Valencia (Cahire'n)	1011.5	0	SSE	2	bcq	63	*	*	*	*	*	*	*	*	1008.6	-1	E	1	o	64	92	7	2000	st	8	-	-	2	
Baldonnel	1014.3	-2	-	0	b	48	75	5	2000	st	2	-	-	*	1012.4	-2	E	3	bg	54	85	7	4200	Fr.cu	2	A.st	1	*	
Didsbury	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1016.4	-1	E	3	b	50	65	6	4200	Fr.cu	1	-	-	*	
Falmouth	1012.9	-1	SE	2	of	53	92	4	-	Nb	10	-	-	*	1011.6	0	SE	3	o	45	75	7	-	-	-	-	-	*	
Calshot (Hants) ...	1014.5	0	ENE	3	o	53	85	8	1250	st	4	-	-	3	1012.8	-1	SW	3	c	54	65	8	750	st	8	-	-	2	
Lympne (Folkestone)	1014.9	-1	NE	6	b, q	50	92	8	-	-	-	Ci	1	*	1014.0	-1	E	4	of	54	85	6	-	-	-	A.st	9	*	
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.4	0	ESE	2	o	49	65	8	-	st	10	-	-	2	
Howden	1018.5	0	-	0	cu	34	97	7	3000	st	6	A.st	1	*	1017.9	0	NNE	3	o	47	85	8	2000	st	7	A.st	2	*	
Cranwell (Lincs)	1019.7	0	E	2	bo	41	92	5	-	-	-	-	-	*	?	-1	2	3	c	50	75	6	2000	cu	7	-	-	*	
Felixstowe	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.9	0	ENE	4	o	54	85	8	1250	st	9	-	-	2	
Shoeburyness...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.1	-1	NNE	2	c	56	75	7	3000	Fr.cu	4	Ci	2	*	
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.4	-1	ENE	2	o	53	85	6	-	st	10	-	-	*	
S. Farnborough	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.6	-1	E	2	of	50	97	4	1250	Nb	10	-	-	*	
London (Kew Obs.)	1015.7	0	*	*	*	50	*	*	*	*	*	*	*	*	1014.0	-1	NE	3	of	54	85	3	-	-	-	A.st	7	*	
Croydon	1016.3	-1	E	1	bcw	45	97	5	-	-	-	A.st	4	*	1014.5	-1	E	1	of	53	85	5	1250	st	2	A.st	7	*	
STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.																													
STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall inches.	TEMP.		WEATHER.			Sunshine Hours.								
	at M.S.L. mb.		°F.	Force 0-12.		Temp. °F.	Change in 24 hours.	Dirac. Force 0-12.	Max. °F.	Min. °F.	Morning.					Afternoon.	Night.												
12H. G.M.T. OF 9.15.....															7H. G.M.T. OF 10.15.....										24 HOURS ENDED 7H. 10.15.....				
Lerwick	1020.1	47	ENE	4	c	1021.2	0	45	-4	NNE	2	-	c	1	-	57	42	c	c	c	5								
Stornoway	1017.8	59	NE	1	b	1017.0	0	54	-4	E	1	-	b	1	-	63	46	b	b	b	15.6								
Castlebay (Barra Is)	1017.1	63	W	2	bm	1015.4	0	57	-1	E	3	-	b	2	-	60	54	bm	bm	bm	15.0								
Malin Head	1015.0	59	E	1	bm	1013.7	-1	58	+5	SE	2	-	bm	1	-	61	50	bm	bm	bm	12.5								
Blacksod Point	1011.3	61	SE	4	bcm	1008.9	-2	55	-2	SE	3	-	bc	1	-	63	50	bcm	bcm	bcm	*								
Roche's Point...	1013.3	55	ESE	4	o	1010.4	-2	56	0	SE	4	SE	o	4	1	56	54	ogm	ogm	ogm	*								
Birr Castle	1013.7	60.	SE	2	m	1010.9	*	57	+1	SE	1	-	c	*	-	61	49	3	3	3	5.3								
Donaghadee	1016.0	59	SE	1	bm	1014.7	0	52	0	ESE	4	-	bcw	3	-	61	49	bm	bm	bm	*								
Liverpool (Bidston)	1015.2	63	ESE	4	b	1015.3	-1	50	0	ESE	4	E	b	3	-	65	44	bz	by.	b	13.9								
Holyhead	1014.5	64	N	2	bz	1013.8	-1	54	+2	E	5	-	bg	3	-	66	49	bz	bz	bg	15.0								
Pembroke (St. Ann's Head)	1014.1	56	SE	3	c	1012.4	-1	52	+1	E	3	-	og	2	-	59	52	co	ac	co	4.0								
Scilly (St. Mary's)	1012.5	53	SE	3	o	1011.5	-1	55	0	SE	1	S	bc	2	4	56	50	orm	orm	orm	0.0								
Jersey (St. Aubin)	1013.4	55	WNW	3	r	1013.6	0	56	+1	SW	3	SW	b	3	5	66	62	bc bc	cop. o	o bc b	2.8								
Portland Bill	1013.6	56	E	6	c	1012.5	0	55	+2	ESE	3	E	bc	4	4	58	50	bc	bc	bc	*								
Dungeness	1014.8	56	ENE	5	b	1013.9	0	54	+1	ESE	3	SE	c	3	-	60	46	bc. b	b	b bc	*								
Wick	1019.7	50	ESE	1	b	1019.2	0	49	-1	ESE	3	-	c	2	-	52	47	bc	bc. b	bc. o	*								
Nairn	1018.5	54	NE	4	bc	1017.8	*	45	-6	-	0	-	bcw	1	-	59	36	b	b. bcq	bcw	15.6								
Leith	1017.7	56	NE	2	b	1018.2	0	60	+2	SE	3	SE	c	2	-	59	40	bg b	b	b bcq	*								
Tynemouth	1019.2	52	SE	3	b	1018.3	0	48	0	SE	2	-	o	2	-	53	46	b	b	b bc	*								
Spurn Head	1018.7	51	E	4	b	1017.5	-2	50	-1	E	4	-	o	2	-	55	45	b	b	b bc	*								
Yarmouth (Gorleston)	1018.1	52	E	4	bc	1016.7	-1	52	+1	ESE	4	-	bcv	3	-	52	47	bcv	bcv	bc bcw	11.6								
Clacton-on-Sea	1017.0	55	ENE	5	b	1015.2	0	53	+2	E	4	E	bc																

* 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, 10th June, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Var. 2-15	R.Cool	Cloudy to overcast; local (rain, mist & fog)	Var. Good	Slight.
2. E. England	NE-SE 5-15	"	Fair to overcast.	"	"
3. E. Midlands	NE-E 5-10	"	Variable sky.	Fair	-
4. W. Midlands	E-SE 10-15	"	Variable sky.	"	-
5. S.W. England	SE-E 2-10	Normal	Fair to overcast.	Good	Slight.
6. South Wales	E 10	"	Fair to overcast.	Fair	Smooth.
7. North Wales	E-SE 15-20	"	Fine or fair; local haze.	"	Slight.
8. N.W. England	E-SE 10-15	Cool	Fine to cloudy.	"	"
9. N. Midlands	NE-R 10	"	Variable sky.	"	-
10. N.E. England	NE-SE 5-15	"	Mainly overcast.	Good	Smooth.
11. E. Scotland	SE 0-10	"	Fair to overcast; some local	"	"
12. S.W. Scotland	NE-SE 10-20	"	Variable sky; local (mist, mist.)	Fair	Slight.
13. Isle of Man	SE 15	Normal	Fine.	-	"
14. N. & N.W. Scotland	E-SE 5-15	"	Fine to cloudy.	Fair	Smooth.
15. Hebrides	E 2-10	Warm	Fine.	"	"
16. Orkneys and Shetlands	Var. 2-10	R.Cool	Cloudy.	"	"
17. N.W. Ireland	SE 5-10	R.Warm	Fine or fair, local mist.	"	"
18. N.E. Ireland	SE 5-15	"	Fine, misty, local squalls.	Indiff.	Slight.
19. S.E. Ireland	E-SE 5-15	"	Variable sky, local haze.	Fair	"
20. S.W. Ireland	E-SE 2-15	"	Cloudy or overcast.	"	"



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

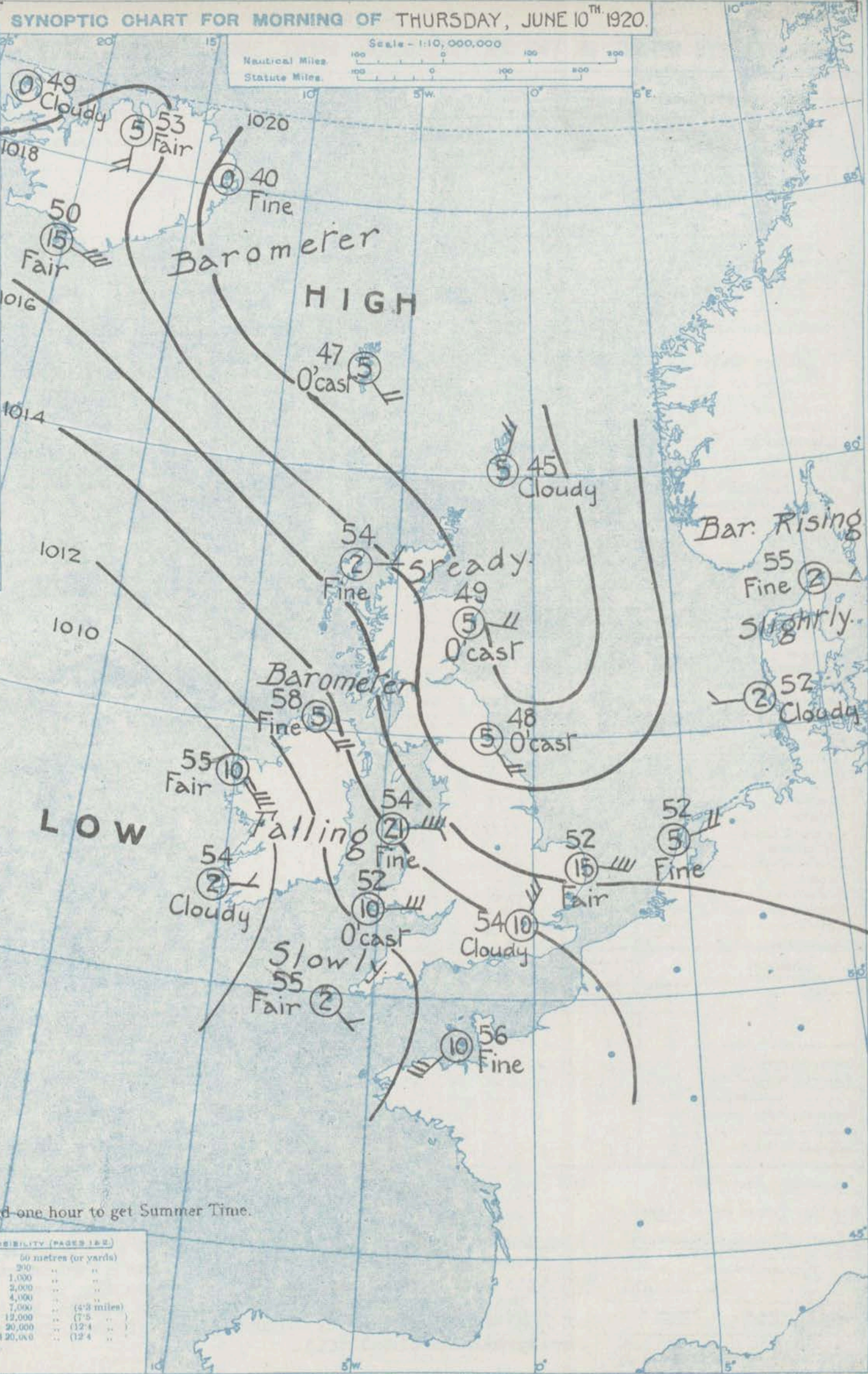
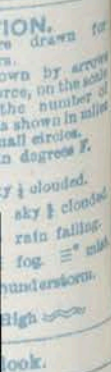
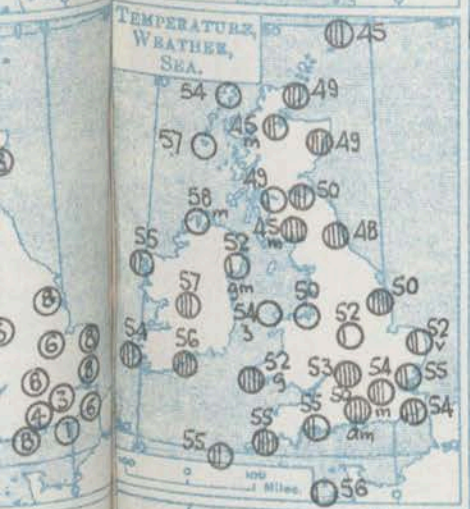
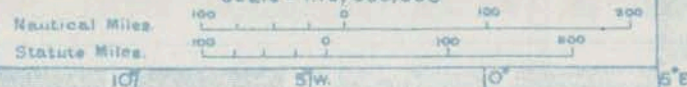
A shallow depression which is slowly spreading over our Southern and South-Western districts will cause less fine weather generally. Some slight rain may be experienced in various places. Thunder is not improbable locally.

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

Districts.	Forecasts for the 24 hours commencing 3.15h. G.M.T. Thursday, 10th June, 1920.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind mainly between E. and S.E., light to moderate; cloudy or overcast, some rain probable locally, slight risk of thunder, mist in places, visibility indifferent to fair; temperature rising.	Withheld.
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland	Wind E. to S.E., light or moderate; fair or cloudy generally, visibility fair; moderate temperature.	
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind between S. and S.E., light or moderate; mainly cloudy or overcast, some rain in places, visibility fair generally; moderate temperature.	

Scale - 1:10,000,000

Nautical Miles
Statute Miles



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

ALPHABETIC CODE FOR SURFACE VISIBILITY (PAGE 122)				
1.	Dense fog	(Objects not visible at	50 metres (or yards)	
2.	Very fog	"	300	
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	"	30,000	" (12.4 "
9.	Very Good.	Objects visible beyond 20,000		" (12.4 "
	Excellent.	Exceptional visibility.		

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 162.

Thursday
10th June

WEATHER, TEMPERATURE RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 9th																			
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sun- set.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sun- set.
Scotland.	Oban ...	b	b	68	47	-	-	12.2	12.3	England, N.W.	Douglas (I.O.M.)	-	-	60	49	-	-	12.0	10.2
	Banff ...	m b	b	56	45	-	-	11.4	15.1		Blackpool ...	b m	b m	66	41	-	-	12.0	9.5
	Montrose ...	-	-	-	-	-	-	-	-		Southport ...	b	b	66	40	-	-	13.0	10.7
	St. Andrews ...	-	-	58	34	-	-	11.8	15.9										
England, N.E.	Harrogate ...	b	b	60	34	-	-	12.0	14.0	Midlands.	Buxton ...	b c b	b	60	36	-	-	11.4	12.7
	Scarborough ...	b	b	57	49	-	-	11.7	12.7		Leamington Spa ...	b	b	64	39	-	-	12.7	13.0
	Skegness ...	b v	b v	55	40	-	-	12.0	11.1		Malvern ...	b	b	65	40	-	-	12.3	11.5
	Lowestoft ...	b c b	b	55	44	-	-	12.4	4.7		Ross-on-Wye ...	b	b y	66	46	-	-	12.7	11.8
England, E.	Felixstowe ...	b c b	b	56	38	-	-	10.6	10.4	Wales.	Bath ...	b	b b c	67	41	-	-	11.1	9.8
	Southend-on-Sea...	b c b v	b v	61	42	-	-	11.8	13.3		Rhyl ...	b	b	66	43	-	-	12.5	6.6
											Colwyn Bay ...	-	-	66	45	-	-	12.0	6.1
											Llandudno ...	-	-	66	44	-	-	12.7	6.3
England, S.E.	Tunbridge Wells	b c b	b	63	42	-	-	10.5	14.0	England, S.W.	Aberystwyth	c b b	b b c	66	45	-	-	12.7	2.7
	Margate ...	c b c b		57	49	-	-	8.7	12.3		Swansea ...	-	-	62	49	-	-	9.0	8.3
	Ramsgate ...			56	47	-	-	10.1	9.8		Weymouth ...	b b c	b c c	62	45	-	-	9.2	9.7
	Folkestone ...	c b c	b	60	48	-	-	10.7	12.4		Teignmouth ...	c	c	58	51	-	-	1.0	11.0
	Hastings ...	b c b	b	61	44	-	-	12.5	13.6		Torquay ...	c	c	59	51	-	-	0.5	12.4
	Eastbourne ...	b	b	62	43	-	-	12.4	14.0		Paignton ...	c o	c	58	50	-	-	0.4	11.7
	Brighton ...	b c b	b	67	46	-	-	12.0	14.1		Penzance ...	c c	c r	57	53	-	-	0.0	12.6
	Worthing ...	b c b	b	64	44	-	-	12.5	14.8		Newquay ...	c o g z	c g z	59	50	-	-	0.4	13.4
	Littlehampton ...	b	b c	63	45	-	-	12.6	12.5		Bude ...	c	c z	61	47	-	-	3.1	14.2
	Portsmouth (S. thea)	*	*	64	45	-	-	11.4	11.6		Ilfracombe ...	b c c	b b c c	63	49	-	-	7.3	11.2
	Bournemouth ...	*	*	63	42	-	-	11.3	12.4		Weston-s-Mare ...	b	b b c c	67	43	-	-	9.2	8.2
	Ventnor (I. of W.)	*	*	59	48	-	-	11.1	10.2		Tenby (Wales)	b c	b c	62	56	-	-	5.3	10.6

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.			THE BEAUFORT SCALE OF WIND FORCE.		
STATIONS.		WEATHER.				Max. Temp. °F.		Min. Temp. °F.		Rainfall.		Sun. Hours.	Limits of Velocity at about 30 feet above ground.		
		7h-15h	15h-18h	18h-21h	21h-24h	7h-15h	15h-18h	18h-21h	21h-24h	Day 7h-15h	Night 15h-21h				
Renfrew	b z f	b z	b z	b z	b z	68	44	34	-	-	-	*	No.	Statute miles per hour.	Metres per second.
Eskdalemuir	b b y	b y b z	b y b z	b y b z	b y b z	65	37	32	-	-	-	10.7	0	Less than 1	Less than 0.3
Valencia (Cahireveen)	o z r r	o r r c	o r r c	o r r c	o r r c	57	53	51	-	0.2	0.1	11.9	1	1-3	0.3-1.5
Baldonnel	b c c q	b c c q	b c c q	b c c q	b c c q	60	44	-	-	-	-	-	2	4-7	1.6-2.3
Didsbury	b z f	b	b	b	b	65	40	35	-	-	-	*	3	8-12	2.4-3.4
Falmouth	o i f	o z o d m	o z o d m	o z o d m	o z o d m	59	52	52	-	1	0.3	11.5	4	13-18	3.6-7.9
Calshot (Hants)	b b c c	b c c	b c c	b c c	b c c	62	52	50	-	1	11.5	12.7	5	19-24	5.0-10.7
Lympne (Folkestone)	c q b c b	b b c b	b b c b	b b c b	b b c b	57	48	45	-	-	-	-	6	25-31	10.8-13.5
Aberdeen	b z y	b z y	b z y	b z y	b z y	60	45	34	-	-	-	12.0	7	32-38	13.2-17.1
Howden	z b b c	q z	q z	q z	q z	60	41	29	-	-	-	10.0	8	39-46	17.2-20.7
Cranwell (Lincs)	b b c b	b b c c b	b b c c b	b b c c b	b b c c b	58	40	*	-	-	-	11.2	9	47-54	20.8-23.4
Felixstowe	b b c v	b v	b v	b v	b v	53	50	*	-	-	-	*	10	55-63	24.9-25.4
Shoeburyness	b c b	b v	b v	b v	b v	60	44	46	-	-	-	11.7	11	64-75	28.3-33.5
Benson	b	b	b	b	b	67	45	37	-	-	-	*	12	Above 75	33.6 or above
S. Farnborough	b z	b b c b z	b b c b z	b b c b z	b b c b z	67	46	43	-	1	10.3	14.6			
London (Kew Obsy.)	b z b z y	b z y b y	b z y b y	b z y b y	b z y b y	64	48	44	-	-	-	-			
Croydon	b c b c z	b z	b z	b z	b z	60	*	*	-	-	-	*			

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. °F.	Min. Temp. °F.	Min. on Glaas. °F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.				
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.						
	24 HOURS ENDED 9th G.M.T. 10th June.....								YESTERDAY.	TO-DAY.	10 th & 11 th June..... 1920.					
											Vertical Component of Solar Radiation per Square Centimetre during yesterday.		Stations.	Sunrise.	Noon.	Sunset.
Greenwich (Royal Observatory)	b	b	c o	64	46	39	-	13.4	56	81				G.M.T.	G.M.T.	G.M.T.
City (Bunhill Row) ...	*	*	*	*	*	*	-	13.8	*	*			Yarmouth...	3.32	11.52	9.12
Westminster (St. James's Park)	b b	o c	o d	64	44	41	-	14.1	56	75			Greenwich	3.45	11.59	9.13
" (Admiralty Arch)	b c y	b y g b	c o y	62	44	*	-	13.8	60	86	Total.....2,299..... Joules.		Wick	3.9	12.11	9.13
Camden Sq. (British Rainfall)	b c	r r	*	69	47	43	-	*	44	75	Milliwatts		Valencia ...	4.23	12.40	9.57
Kensington Palace ...	b	b	*	65	49	43	-	*	63 (18h)	35	Average Rate. 38.9					
Hampstead Observatory ...	b c	b	b	61	45	*	-	14.5	*	76	Maximum Rate. 71					

Photographic Record of

Pole Star (Polaris) and of 8 Ursae

Minors at Greenwich Observatory.

Exposure from 21.....h. 35 m.

to 2.....h. 45 m.

Stars.	Duration of Exposure.	Duration of Record.	%
Polaris	h. m.	h. m.	%
8 Ursae	4 30	3 37	82
Minors	0 0	-	0

NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose to 65° or above over a large portion of the Kingdom, the highest readings being 68° at Oban and Renfrew and 69° at Cranwell (Lincs.). The minima of the night were less low than of late, but a slight frost occurred on the grass at Howden. Bright sunshine records were high except in the extreme S.W. of England and Ireland. About 4 mm. of rain fell at Scilly, Jersey and Portland Bill.



100

五、六十年代

No. B. 21,386

Friday..... 11th June..... 1920.

Min.

‡ The barometric change is expressed in half millibars.

§ For code see page 3.

SUMMARY OF CONDITIONS AT 7 h. G.M.T. Friday, 21th June, 1920.

Districts.	Wind. Velocity in m. p. h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SE-S 10-15	R.Warm	Cloudy or dull, local rain	Fair	Slight.
2. E. England	E-SE 10-15	Warm	Fair or cloudy, local mist.	"	Mod.
3. E. Midlands	E-SE 10-15	R.Warm	Dull, local drizzle.	Indiff.	-
4. W. Midlands	E-S 10-15	"	Cloudy.	-	-
5. S.W. England	S-SW 5-10	Normal	Fair or cloudy.	Good	Slight.
6. South Wales	SSE 10	R.Warm	Cloudy.	Fair	Mod.
7. North Wales	E-SE 15-35	Normal	O'cast; showers & squalls	"	R.Rough
8. N.W. England	E 20-25	"	Cloudy or overcast. (in North.	"	Mod.
9. N. Midlands	E 15-20	R.Warm	Cloudy or overcast	"	-
10. N.E. England	E-SE 15-25	Normal	Variable sky; local squalls.	Good.	Mod.
11. E. Scotland	E-SE 5-10	Cool	Cloudy or dull.	"	Slight.
12. S.W. Scotland	NE-E 15	"	Cloudy or dull.	Fair	Mod.
13. Isle of Man	E 25	Normal	Cloudy to overcast.	-	"
14. N. & N.W. Scotland	E 10-15	R.Cool	Fair to overcast.	Fair	"
15. Hebrides	E 15-20	Normal	Fine.	"	"
16. Orkneys and Shetlands	E 5-10	R.Cool	Cloudy or dull.	"	Smooth.
17. N.W. Ireland	NE-E 15-25	Normal	Dull, local mist & squalls.	"	R.Rough
18. N.E. Ireland	E 15-20	Var.	Cloudy or dull; misty; local	Indiff.	Mod.
19. S.E. Ireland	E-S 10-20	Normal	Cloudy or dull; (squalls.	Var.	"
20. S.W. Ireland	SE-SW 10	Var.	Fair to o'cast; (squalls.	Good	Mod.

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

The depression off the West of Ireland maintains its position; unsettled conditions may be anticipated during the next day or two in all districts, and there is some risk of thunder.

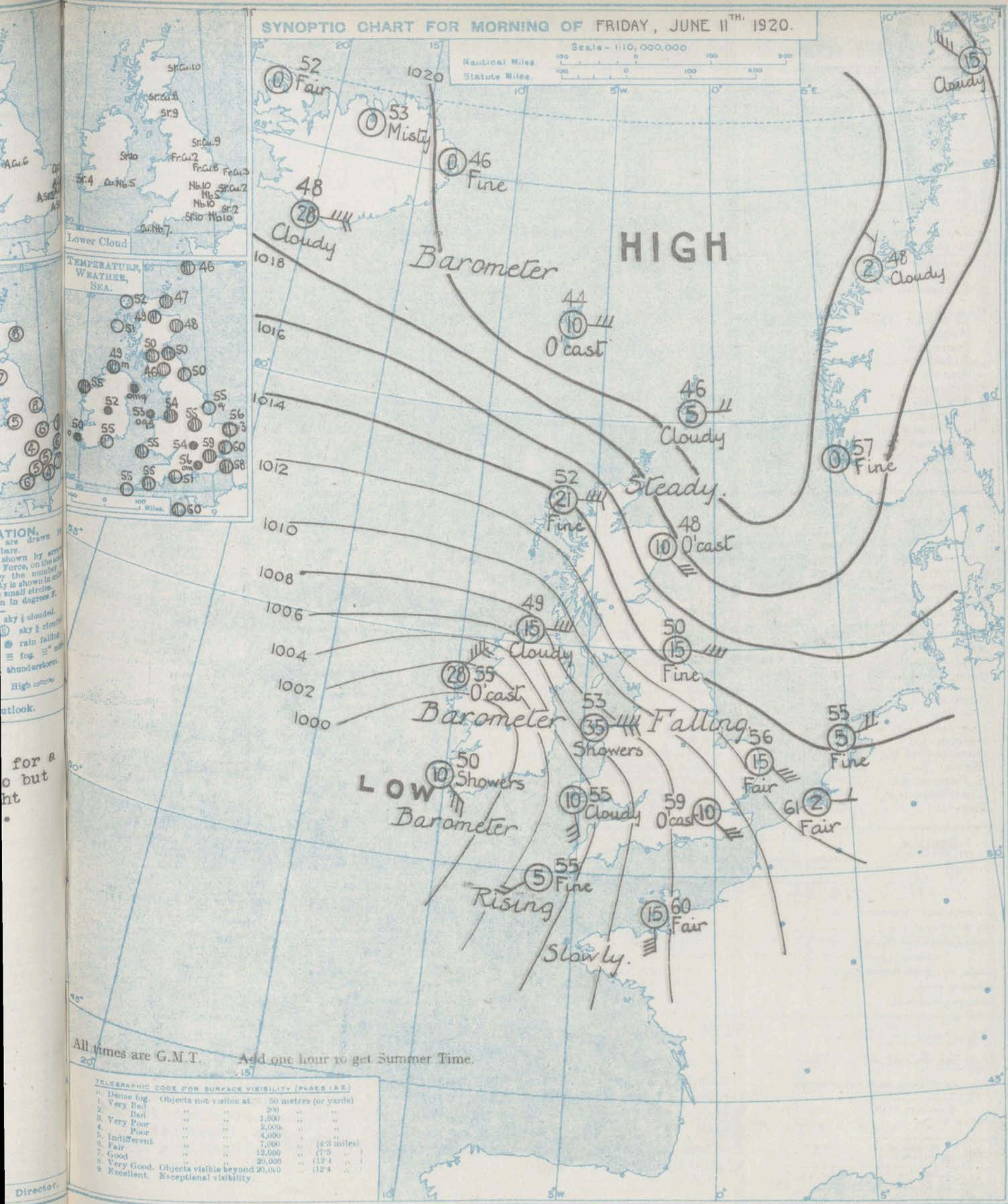


EXPLANATION.
BAROMETER.—Isobars are drawn
 intervals of two millibars.
WIND.—Direction is shown by arrow
 flying with the wind. Force, on the
 0-12, is indicated by the number of
 feathers. Mean velocity is shown in miles
 per hour by figures in small circles.
TEMPERATURE is given in degrees F.
WEATHER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

Districts.	Forecasts for the 24 hours commencing 3 p.m. 15h. G.M.T. Friday, 11th June, 1920.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Wind S. to S.W., moderate; changeable, rain or showers locally, bright intervals, perhaps thunder, visibility fair but some mist; temperature moderate.	Unsettled for a day or two but some bright intervals.
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	Wind East veering towards South, fresh or strong; mainly overcast, some rain, perhaps thunder, visibility indifferent, local mist; temperature rising somewhat.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind Easterly, moderate or fresh; cloudy or overcast, perhaps some rain, visibility mainly good; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland	Wind Easterly, fresh or strong; mainly overcast, some rain, visibility indifferent to fair; moderate temp.	
19. S.E. Ireland 20. S.W. Ireland	As for 1 - 6.	

SYNOPTIC CHART FOR MORNING OF FRIDAY, JUNE 11TH 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 (PAGE 122)

	Objects not visible at	50 metres (or yards)
1. Dense fog	"	500 "
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	"	20,000 "
10. Excellent	"	20,000 "

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 148.

Friday
11th June

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 10TH																				
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.			STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-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.
Scotland.	Oban ...	b	b	64	48	-	-	12.2	15.0	England, N.W.	Douglas (I.O.M.)	-	-	60	48	-	-	11.4	12.0	
	Banff ...	o	o	54	41	-	-	0.0	14.4		Blackpool ...	m	bc	60	40	-	-	11.8	14.0	
	Montrose ...	c	o	51	38	-	-	0.0	?		Southport ...	b	b.beco	62	42	-	-	10.6	14.5	
	St. Andrews ...	o	c	51	42	-	-	0.0	14.8											
England, N.E.	Harrogate ...	o	o	52	40	-	-	0.1	14.7	Midlands.	Buxton ...	bcbcb	cc.bcc	57	41	-	-	6.4	14.1	
	Scarborough ...	bc	bc	53	47	-	-	0.7	14.4		Leamington Spa...									
	Skegness ...	b	b	57	48	-	-	10.5	13.7		Malvern ...	mor	ro	58	43	-	2	0.0	12.3	
England, E.	Lowestoft ...	bc	bcc	58	47	-	-	11.5	15.0	Wales.	Ross-on-Wye ...	cd o	orot	62	42	1	1	1.5	15.4	
	Felixstowe ...	bc	bc	57	53	-	-	6.4	13.5		Bath ...	ro	ocbcb	66	47	2	-	4.3	11.1	
	Southend-on-Sea...	a	oc	58	50	-	-	1.3	12.3		Rhyl ...	bc.b	b.bcc	65	43	-	-	9.3	15.5	
England, S.E.	Tunbridge Wells	o.or	oc.b	61	48	-	2	1.9	12.7	England, S.W.	Colwyn Bay ...	*	*	66	47	-	-	8.9	15.5	
	Margate ...	b.bcc	o	59	52	-	-	1.3	10.5		Llandudno ...	b.b	bc	64	47	-	-	9.9	15.3	
	Ramsgate ...	*	*	57	51	-	-	0.7	12.3		Aberystwyth ...	c.b	bcc	61	49	-	-	5.5	12.7	
	Folkestone ...	o	bc.b	62	48	-	-	1.5	12.9		Swansea ...	-	-	70	52	8	-	3.6	9.0	
	Hastings ...	oro	bcb	61	50	1	0.3	4.9	14.8		Weymouth ...									
	Eastbourne ...	oc.b	bc	62	50	1	-	6.9	14.7		Teignmouth ...	orcbe	bcc	62	52	6	-	4.5	1.0	
	Brighton ...	bcc	cb	62	52	1	-	7.3	13.3		Torquay ...	o.b	bc	62	52	3	-	6.9	0.6	
	Worthing ...	bc.b	b	?	52	2	-	8.7	13.9		Paignton ...	oro	bc.b	62	51	3	-	4.6	0.4	
	Littlehampton ...	bc	bc	64	50	0.2	-	7.6	12.9		Penzance ...	c.b	bc	62	53	1	-	7.6	0.9	
	Portsmouth (S'thsea)	*	*	62	52	1	-	8.1	11.4		Newquay ...	bc.b	b	62	51	1	-	8.0	0.4	
	Bournemouth ...	*	*	64	49	1	-	7.0	11.8		Bude ...	c.b	bc	66	51	2	-	7.5	3.1	
	Ventnor (I. of W.)	*	*	60	52	3	-	8.9	12.3		Ilfracombe ...	oc	c.bcb	64	52	4	-	5.2	7.5	
											Weston-s-Mare ...	ocbc	b.upbc	64	47	5	1	3.8	9.3	
											Tenby (Wales)	co	c.b	63	?	-	-	3.0	10.9	

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.	1h-7h.				Day. 7h-13h.	Night. 18h-7h.		Statute miles per hour.	Metres per second.				
Renfrew	b.bcz	b.b	b.b	b.c	58	45	41	-	-	*						
Esksdalemuir ...	ozcz	b.czy	oz.cbc	b.b	54	38	33	-	-	11.0						
Valencia (Cahirciveen) ...	c.bc	b.cyz	orr	P	60	50	48	-	16	4.4						
Baldonnel ...	bccz	coq	q.co	rrq	59	49	-	-	14	0.6						
Didsbury ...	b	b.b	b.cq		62	49	43	-	-	*						
Falmouth ...	c	c	c.ory	ocfo	61	52	51	-	6	4.3						
Calshot (Hants) ...	c.o	v.bcc	bc.cb	orrgz	65	52	55	-	3	9.8						
Lympne (Folkestone) ...	om.r	ocbcm	co.bcc	f	61	49	44	-	-	4.2						
Aberdeen ...	o	o	o		51	46	45	-	-	0.0						
Howden ...	a	c.o	q.co	q.c	55	36	43	-	-	1.9						
Cranwell (Lincs) ...	c.o.c	bcc	bc.c	b.c	60	48	-	-	Trace	8.2						
Felixstowe	bccp	c.o.c	c.oz		59	58	-	-	*	*						
Shoeburyness ...	bccod	ocbc	ocbc		62	48	39	0.2	0.1	2.6						
Benson ...	oro	bc	bc		61	51	46	1	-	*						
S. Farnborough	omcz	oczb	bc.bod	rr	65	48	41	-	0.3	4.9						
London (Kew Obsy.)	omcz	oczb	b.b	z	61	52	48	2	-	2.0						
Croydon ...	omcz	oczb	b.b	z	61	48	-	2	-	*						

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).									
Morning.		WEATHER.				Max. Temp. F.		Min. Temp. F.		Rainfall.		Sun.		Humidity %		Vertical Component of Solar Radiation per Square Centimetre during yesterday.		Stations.	
		Afternoon.	Night.	24 Hours ended 9h G.M.T. 11th June	Yesterday.	Today.	15h. G.M.T.	9h. G.M.T.	15h. G.M.T.	9h. G.M.T.	15h. G.M.T.	9h. G.M.T.	15h. G.M.T.	9h. G.M.T.	15h. G.M.T.	9h. G.M.T.	15h. G.M.T.	Stations.	Stations.
Greenwich (Royal Observatory)		o	o	c.p	60	51	44	2	4	84	90	1.9	2	81	88	74.4	12.5	Yarmouth...	332
City (Sunhill Row)		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Greenwich	332
Westminster (St. James's Park)		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Wick	332
" (Admiralty Arch)		omcz	omcz	omcz	60	53	48	3	0.9	87	90	2.1	0.9	81	88	74.4	12.5	Valencia	423
Camden Sq. (British Rainfall)		og.or	o.c	*	60	52	48	4	*	78 (18h)	93	3.4	*	87	87	74.4	12.5		
Kensington Palace		o.p	o.p	*	61	52	47	2	*	78 (18h)	93	3.4	*	87	87	74.4	12.5		
Hampstead Observatory		*	*	*	58	51	*	4	*	78 (18h)	93	3.4	*	87	87	74.4	12.5		

Photographic Record of

Pole Star (Polaris) and of δ Ursae

Minoris at Greenwich Observatory.

Exposure from 21.....h. 22.m. 10th
to 2.....h. 20.m. 11th

Stars.	Duration of Exposure.		Duration of Record.		%
Polaris	h.	m.	h.	m.	
δ Ursae	2	50	1	37	57
Minoris	1	51	0	41	57

NOTES ON THE WEATHER OF YESTERDAY.

The spell of fine weather came to an end in most localities in the South and West. 19 mm. of rain were measured at Roche's Point and 16 mm. at Valencia. Sunshine was most abundant in the North, Stornoway recording as much as 16.2 hours. Temperature failed to reach 60° at many stations, and 66° at Bath was the highest reading.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 21387. *Saturday... 12th June... 1920.*

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 12H.																													
STATIONS.	BAROM.	Change in 3 hours.	WIND.		Weather	TEMP. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM.	Change in 3 hours.	WIND.		Weather	TEMP. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	
	at M.S.L. mb.		Dirac.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.		Dirac.		Force 0-12.	Form.						Amt. 0-10.	Form.	Amt. 0-10.			
13H. G.M.T. of 11 th													13H. G.M.T. OF 12 th																
Renfrew	1012.0	-1	E	4	bc	58	65	7	3000	ScCu	4	ScSt	1	*	1012.7	0	NE	5	orq	50	85	6	1250	Nb	10	-	-	-	4
Esksdalemuir	1012.0	-1	E	4	bc	58	65	7	3000	ScCu	4	ScSt	1	*	1012.3	0	ENE	4	or.	52	85	7	-	Nb.	6	ASr	4	-	4
Valencia (Cahire'n)	999.9	+2	SE	4	bc	60	65	8	3000	Sc	5	ASr	1	3	1000.4	0	SE	4	C	56	65	8	3000	ScCu	6	ASr	2	3	
Baldonnel	1004.5	0	SE	5	eq	60	75	7	3000	ScCu	5	ASr	2	*	1005.2	+1	SE	4	bcq	58	75	8	3000	ScCu	4	ASr	2	-	4
Didsbury	1005.8	-1	E	4	or.	58	92	4	1250	Nb.	8	ASr	2	*	1004.5	0	E	5	or.	60	85	5	1250	Nb	6	ASr	3	-	4
Falmouth	1005.8	+1	SE	3	bc	63	75	7	-	ScNb	3	Cl	2	*	1005.9	0	SE	3	bc	58	75	8	-	ScCu	4	Cl	1	-	4
Calshot (Hants)	1005.4	0	SE	4	bc	62	85	8	2000	ScCu	6	-	-	3	1005.9	0	SE	3	od	59	92	8	2000	ScCu	10	-	-	-	4
Lymington (Folkestone)	1010.4	0	SE	3	om	59	85	6	3000	Nb	10	-	-	*	1010.1	0	SE	2	b	65	65	8	4200	Sc	1	ASr	2	-	4
Aberdeen	1017.9	0	ENE	4	0	58	75	8	-	ScCu	10	-	-	3	1017.9	0	ENE	2	b	51	75	8	-	ScCu	1	-	-	-	3
Howden	1010.8	-2	ENE	5	eq	62	75	6	2000	ScCu	5	ASr	2	*	1010.6	0	ENE	4	od.	59	85	6	4200	ScCu	6	ASr	4	-	4
Cranwell (Lincs)	1010.4	0	SSW	4	or.	61	75	6	3000	Nb	9	ASr	1	*	1010.4	0	E	2	om	61	85	6	3000	ScCu	9	-	-	-	4
Felixstowe	1012.0	0	E	2	0	61	85	3	4200	ScCu	4	ASr	5	*	1011.4	0	E	3	c	59	85	5	3000	ScNb	1	ASr	6	-	4
Shoeburyness	1010.3	0	SE	3	0	66	75	7	5700	Sc	3	ASr	6	*	1010.0	0	SE	1	bv	64	75	8	-	ScCu	1	ASr	1	-	4
Benson	1007.5	-1	SE	4	C	65	75	7	-	Sc	7	-	-	*	1008.1	0	SE	2	bc	67	65	8	-	Sc	3	-	-	-	4
S. Farnborough	1004.8	0	SE	4	0	66	75	7	1250	Nb	9	-	-	*	1008.5	0	SE	4	bcz	66	65	7	3000	ScCu	3	Cl	2	-	4
London (New Ob.)	1009.7	0	SE	2	0.1f	60	85	5	3000	ScCu	8	ASr	2	*	1009.9	-2	SE	1	b	66	65	8	4200	Sc	2	-	-	-	4
Croydon	1010.2	+2	SE	2	0.1f	60	85	7	2000	ScCu	10	-	-	*	1009.3	0	SE	2	b	66	65	8	-	ScCu	2	Cl	1	-	4
1H. G.M.T. OF 12 th													7H. G.M.T. OF 12 th																
Renfrew	1013.4	0	NE	4	or.	48	92	6	-	Nb	10	-	-	*	1014.1	+1	E	5	C	53	85	5	750	Sc	6	ASr	2	-	4
Esksdalemuir	1013.4	0	NE	4	or.	48	92	6	-	Nb	10	-	-	*	1014.1	+1	E	5	C	53	85	5	750	Sc	6	ASr	2	-	4
Valencia (Cahire'n)	1002.1	+2	SE	4	bc	58	65	8	-	-	-	-	-	5	1001.5	+1	SE	4	C	57	85	6	2000	Sc	6	ASr	2	3	
Baldonnel	1007.7	+1	E	2	or	58	85	4	750	Sc	10	-	-	*	1009.2	+2	SE	3	C	62	75	6	750	Sc	5	ASr	3	-	4
Didsbury	1006.8	0	S	4	b	54	85	8	-	Sc	1	-	-	*	1011.5	+3	E	1	odf	60	85	3	5700	ScCu	6	ASr	3	-	4
Falmouth	1006.8	0	S	4	b	54	85	8	-	Sc	1	-	-	*	1006.7	0	SE	3	C	63	85	4	-	-	-	ASr	4	-	4
Calshot (Hants)	1010.7	0	-	0	bczf	56	92	6	1200	Sc	5	-	-	1	1010.7	+1	-	0	odf	57	92	4	1200	Sc	10	-	-	-	4
Lymington (Folkestone)	1010.9	+1	SE	2	b	55	92	8	-	-	-	-	-	*	1010.3	0	SE	1	8	64	85	8	-	-	-	ASr	9	-	4
Aberdeen	1011.8	+1	ENE	3	b	53	92	6	3000	Sc	2	ASr	1	*	1018.7	+1	ENE	1	b	66	75	8	-	-	-	-	-	-	2
Howden	1011.8	+1	ENE	3	b	53	92	6	3000	Sc	2	ASr	1	*	1012.6	+1	ENE	3	bc	58	85	4	4200	ScCu	3	ASr	2	-	4
Cranwell (Lincs)	1012.0	0	SSW	3	bc	51	92	5	3000	Sc	4	-	-	*	1012.1	+1	ENE	1	bc	60	75	5	5700	ScCu	4	Cl	2	-	4
Felixstowe	1012.0	0	E	2	C	60	85	6	5700	ScCu	1	ASr	6	*	1012.0	0	E	2	C	60	85	6	5700	ScCu	1	ASr	6	-	4
Shoeburyness	1010.6	0	SE	1	bc	65	75	7	-	-	-	-	-	*	1010.6	0	SE	1	bc	65	75	7	-	-	-	ASr	4	-	4
Benson	1009.0	0	-	0	bczf	54	92	1	-	-	-	-	-	*	1009.0	0	-	0	bczf	54	92	1	-	-	-	-	-	-	4
S. Farnborough	1010.1	0	-	0	bczf	54	92	1	-	-	-	-	-	*	1010.1	0	-	0	bczf	54	92	1	-	-	-	-	-	-	4
London (New Ob.)	1010.3	-1	-	0	bczf	54	92	1	-	-	-	-	-	*	1010.3	-1	-	0	bczf	54	92	1	-	-	-	-	-	-	4
Croydon	1010.8	0	ENE	1	odf	60	85	5	2000	Sc	5	ASr	4	*	1010.8	0	ENE	1	odf	60	85	5	2000	Sc	5	ASr	4	-	4
STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.																													
STATIONS.	BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.		WIND.		Dirac. of Upper Cloud.	Weather.	Sea 0-9.	RAINFALL mm.	TEMP.		WEATHER.			Sunshine Hours.								
	at M.S.L. mb.		°F.	Dirac.		Force 0-12.	M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dirac.					Force 0-12.	Max. °F.	Min. °F.	Morning.	Afternoon.		Night.							
12H. G.M.T. OF 11 th													24 HOURS ENDED 7H. 12 th										12 th						
Lerwick	1020.5	+7	E	2	C	1022.4	+1	48	-1	E	2	-	0	1	-	48	43	C	C	0	-	-	-	-	-	-	-	-	-
Stornoway	1013.4	58	E	5	b	1016.0	+1	56	+4	E	1	-	0	1	-	61	48	b	b	6	-	-	-	-	-	-	-	-	-
Castlebay (Barra)	1010.9	59	E	4	bc	1010.5	+1	54	+3	E	3	-	0	3	1	60	61	b	bc	bc po	-	-	-	-	-	-	-	-	-
Glasgow	1006.5	54	ENE	4	cm	1009.8	+2	57	+2	E	2	E	cm	3	2	55	48	cm	cm	cm	1.4	-	-	-	-	-	-	-	-
Malin Head	1001.4	59	NE	3	bc	1006.8	+4	55	0	ENE	4	-	bc	2	2	59	50	or	or	cp bc	-	-	-	-	-	-	-	-	-
Blacksod Point	1002.4	54	SE	5	0	1003.8	+1	56	+1	SE	5	SE	C	5	2	60	52	bec	catp	cp c	-	-	-	-	-	-	-	-	-
Roche's Point	1002.4	54	SE	5	0	1003.8	+1	56	+1	SE	5	SE	C	5	2	60	52	bec	catp	cp c	-	-	-	-	-	-	-	-	-
Birr Castle	1002.9	61	SE	2	C	1007.7	+1	58	+3	SE	2	-	bc	-	3	65	48	cp	?	bc	7.4	-	-	-	-	-	-	-	-
Donaghadee	1004.3	52	ENE	4	omr	1011.2	+3	53	+3	ENE	1	-	bcu	1	16	54	48	omr	omr	omr	-	-	-	-	-	-	-	-	-
Liverpool (Lancaster)	1009.3	60	ENE	2	flr	1010.8	+3	56	+2	SE	2	SE	b	2	13	63	53	or	ottr.	op bc	1.8	-	-	-	-	-	-	-	-
Holyhead	1006.3	57	E	3	cp	1009.9	+1	58	+2	E	1	-	bcv	0	7	63	49	opcp	opcp	op bc	1.8	-	-	-	-	-	-	-	-
Pembroke (St. Ann's Head)	1006.0	59	SE	3	cv	1008.3	+1	54	-1	SE	4	SE	C	4	0.3	61	53	bcv	bcv	cv bc	9.0	-	-	-	-	-	-	-	-
Scilly (St. Mary's)	1004.4	55	S	4	0	1004.5	0	56	+1	SSW	5	-	b	5	5	62	52	bcapm	cop	b	8.1	-	-	-	-	-	-	-	-
Jersey (St. Aubin)	1008.5	61	SE	3	b	1010.0	0	5																					

* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

‡ For code see page 3.

SUMMARY OF CONDITIONS AT 7 h. G.M.T. Saturday, 12th June, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Ely 0-5	R. Warm	Mainly dull, misty.	var.	Smooth.
2. E. England	Ely 0-5	Warm	Fine to cloudy, local mist.	Fair	"
3. E. Midlands	Ely 0-5	"	Fair to dull, local mist.	Poor	-
4. W. Midlands	Ely 0-5	"	Fair to dull, local mist.	"	-
5. S.W. England	SSE-E 5-20	Mod.	Variable sky.	Good	Mod.
6. South Wales	SE-E 5-15	"	Cloudy.	Fair	"
7. North Wales	SE-E 0-5	"	Fair.	V. Good	Smooth.
8. N.W. England	SE-NE 2-10	R. Warm	Variable sky, local mist.	Indiff.	"
9. N. Midlands	Ely 0-5	"	Fair to dull.	Fair	-
10. N.E. England	SE 0-5	"	Fair, misty.	"	Slight.
11. E. Scotland	Ely 2-10	Mod.	Fine in North. Dull in	Good	Smooth.
12. S.W. Scotland	NE-E 15-20	"	Cloudy or dull. (South.	Fair	"
13. Isle of Man	SE-E 0-5	"	Fair.	"	"
14. N. & N.W. Scot- land	E 5-10	R. Warm	Fair generally.	"	"
15. Hebrides	E 2-10	"	Fine in North. Dull in	Good	"
16. Orkneys and Shetlands	E 5	Mod.	Dull. (South.	Fair	"
17. N.W. Ireland	ESE 5-15	"	Fair.	"	"
18. N.E. Ireland	SE-E 2-5	"	Fair to cloudy, misty.	Indiff.	"
19. S.E. Ireland	SE 5-10	"	Fair to cloudy.	Fair.	"
20. S.W. Ireland	S.Ely 15-20	"	Cloudy.	Good	Mod.



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

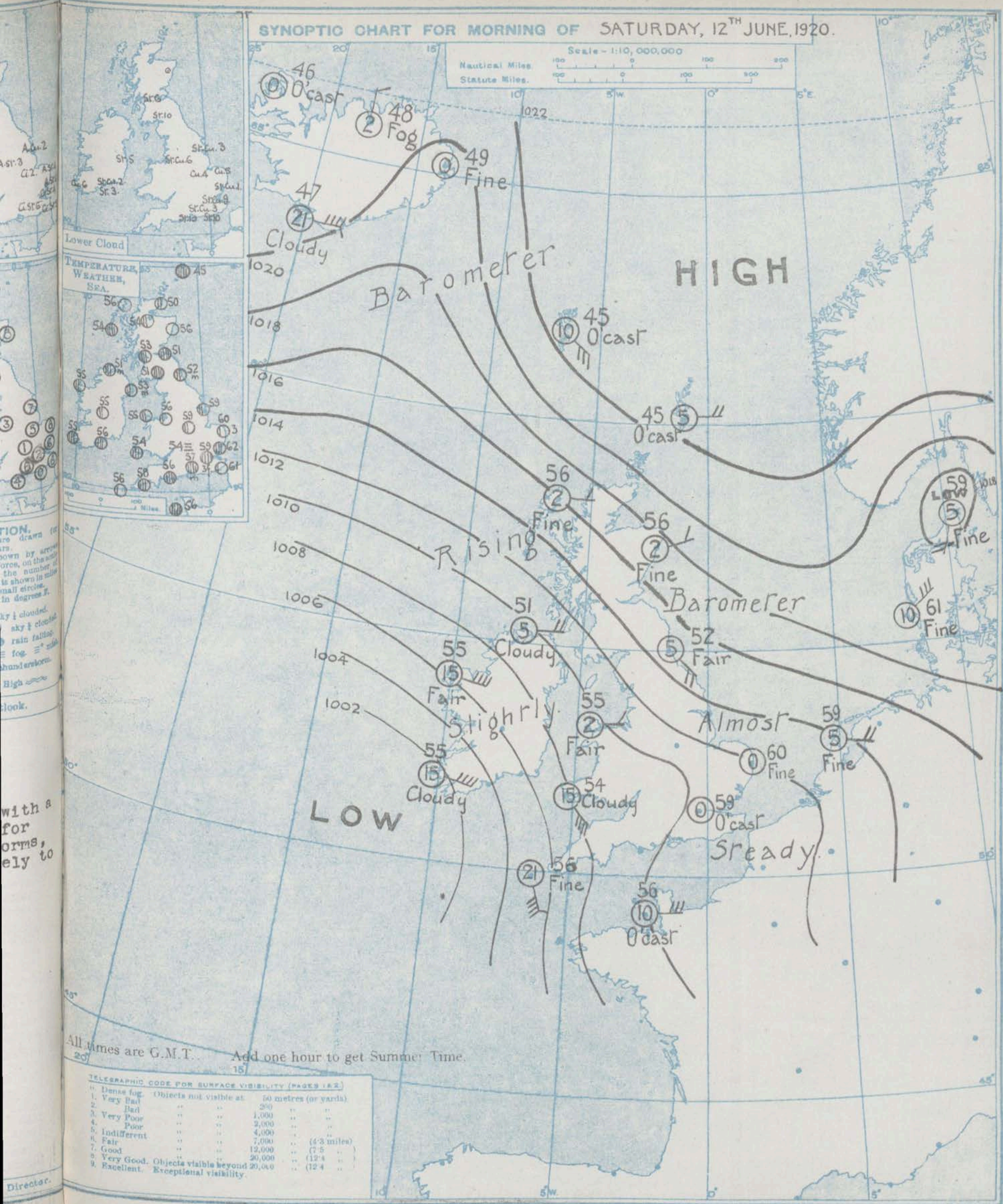
Pressure continues highest to the Northward of Scotland and lowest in a depression to the South-Westward of Ireland. The barometric changes in progress are very slight, but the conditions seem favourable for the development of shallow, thunderstorm depressions, more especially over England.

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

Districts.	Forecasts for the 24 hours commencing 3 1/2h. G.M.T. Saturday, 12th June, 1920.	Further Outlook.
1. S.E. England	Wind between E. and S.E., light or moderate; variable sky, considerable fair intervals, thunderstorms in several localities, visibility mainly fair or good; temperature rather high.	Unsettled weather, with a tendency for thunderstorms, seems likely to continue.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales	Same as 14 - 16.	
7. North Wales		
8. N.W. England		
9. N. Midlands	Wind Easterly, light or moderate to fresh; cloudy or overcast, some rain, perhaps thunder, visibility fair; rather warmer.	
10. N.E. England		
11. E. Scotland	Wind mainly E., light or moderate; fair to cloudy, visibility mainly good; temperature rising somewhat.	
12. S.W. Scotland		
13. Isle of Man	Wind between S.E. and E., light or moderate, fresh at times locally; mainly cloudy or overcast, some showers, perhaps thunder, fairer intervals, visibility fair; moderate temp.	
14. N. & N.W. Scot- land		
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		

SYNOPTIC CHART FOR MORNING OF SATURDAY, 12TH JUNE, 1920.

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



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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 182)

	Objects not visible at:	50 metres (or yards)
0. Dense fog.		
1. Very Bad	"	200
2. Bad	"	1,000
3. Very Poor	"	2,000
4. Poor	"	4,000
5. Indifferent	"	7,000
6. Fair	"	12,000 (4.3 miles)
7. Good	"	20,000 (12.5 ")
8. Very Good.	Objects visible beyond 20,000	(12.4 ")
9. Excellent.	Exceptional visibility.	

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 164.

Sunday
12th June

WEATHER, TEMPERATURE RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 11th June																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h. 10th-11th.	Day. 9h-17h. 11th.	to 17h. 10th.	Sunrise to Sunset. 10th.			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h. 10th-11th.	Day. 9h-17h. 11th.	to 17h. 11th.	Sunrise to Sunset. 10th.
Scotland.	Oban ...	b	b	61	46	-	-	12.0	15.7	England, N.W.	Douglas (I.O.M.)	-	-	60	49	-	3	0.3	11.4
	Banff ...	a	oc	54	46	-	-	1.3	0.0		Blackpool ...	c	or	62	47	-	8	1.2	12.0
	Montrose ...	abc	b	52	46	-	-	1.0	0.0		Southport ...	ocor	rcorc	63	42	-	7	2.2	10.6
	St. Andrews ...	-	-	54	46	-	-	3.7	0.0										
England, N.E.	Harrogate ...	oc, bcb	bccor	62	44	-	1	2.7	0.7	Midlands.	Buxton ...	c, bc	crc, bc	59	46	-	5	0.4	6.4
	Scarborough ...	b	b	59	46	-	-	9.7	0.9		Leamington Spa ...	c, bcb	crc	64	40	1	5	1.5	?
	Skegness ...	b, bc	co	60	51	-	-	7.1	10.5		Malvern ...	oc	co	66	49	4	2	3.7	0.0
England, E.	Lowestoft ...	b	bco	61	51	-	-	10.8	11.5		Ross-on-Wye ...	oc, bcb	co, bc	69	50	9	0.3	3.6	3.0
	Felixstowe ...	b, cz	ogmp.	64	55	-	0.3	5.1	7.8		Bath ...	rc, bcb	bcco	65	52	7	-	2.7	6.4
	Southend-on-Sea ...	op, bc	oc, bcb	69	51	0.2	-	3.0	2.5										
England, S.E.	Tunbridge Wells ...	oro	oc, bcb	66	49	1	1	2.3	2.2	Wales.	Rhyl ...	cp	bccp	65	51	-	2	0.9	9.3
	Margate ...	c	bcc, bc	70	52	-	-	3.7	4.2		Colwyn Bay ...	-	-	65	52	-	-	1.7	8.9
	Ramsgate ...	-	-	65	54	-	-	4.2	2.4		Llandudno ...	rc	bcr	65	51	0.3	3	2.4	9.9
	Folkestone ...	odo	abcc	69	54	-	0.3	2.8	3.7		Aberystwyth ...	rcb	co	63	51	3	2	1.4	6.5
	Hastings ...	oro	abc	65	53	2	0.4	3.8	6.4	England, S.W.	Swansea ...	-	-	63	53	5	-	5.0	3.6
	Eastbourne ...	ro	bcb	64	55	2	0.3	4.0	8.1		Weymouth ...	rc	de, doc	62	54	10	1	2.6	?
	Brighton ...	ro	bcb	64	55	2	0.3	4.3	9.5		Teignmouth ...	oc, bcb	bcc	63	54	7	-	5.5	6.5
	Worthing ...	abc, b	b	64	54	4	-	4.8	11.3		Torquay ...	rc, bcb	bcc	61	54	6	0.2	5.4	8.4
	Littlehampton ...	r, bc	bc	64	54	3	1	4.7	9.8		Paignton ...	c	c, bc	62	51	6	-	3.5	5.9
	Portsmouth (S. thes.)	-	-	64	50	3	-	5.7	10.4		Penzance ...	bc	bc	61	54	2	-	9.0	7.6
	Bournemouth ...	-	-	65	54	12	-	5.0	9.3		Newquay ...	bcp	bcp	61	53	3	3	6.5	9.7
	Ventnor (I. of W.)	-	-	66	54	2	-	3.8	10.9		Bude ...	p, bcc	c, bcc	64	53	3	-	5.9	10.0
											Ilfracombe ...	cp	cp	64	54	2	6	5.9	8.2
											Weston-s-Mare ...	bcc, bc	bcp, bc	64	48	5	1	2.0	5.1
									Tenby (S. Wales)	c, bc	bc	64	58	7	-	9.9	5.0		

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.	
STATIONS.		WEATHER.				TEMP.		RAINFALL.		No.		Limits of Velocity at about 30 feet above ground.	
		7h-13h/17h	13h-18h/16h	18h-24h/24h	1h-7h/24h	Max. Temp. °F.	Min. Temp. °F.	Day. 7h-18h.	Night. 18h-7h.				
Renfrew		bccap.	c, p	c, p	c, p	58	49	4.8	1	b blue sky (not more than a quarter covered).		0 Less than 1	
Eskdalemuir ...		oc, bcc	bccor	c, p	c, p	57	46	0.2	3	bc sky partly cloudy (one half covered).		1 1-2	
Valencia (Cahirciveen) ...		ap, abc	bey, pc	c, p	c, p	61	49	4.6	2	c generally cloudy (three quarters covered).		2 4-7	
Baldonnell ...		q, p	co, q	c, p	c, p	62	46	1	2	d drizzle, or fine rain.		3 8-12	
Didsbury ...		c, rr	cp	c, p	c, p	65	50	4.2	3	e wet air without rain falling.		4 13-18	
Falmouth ...		c, bc, b	b, vep	c, p	c, p	63	53	5.0	1	f fog.		5 19-24	
Calshot (Hants) ...		ap, c, bcc	bey, cp	c, p	c, p	65	52	4.6	-	g gloom.		6 25-31	
Lympne (Folkestone) ...		orm	onp, cbc	c, p	c, p	65	55	4.9	1	h hail.		7 32-38	
Aberdeen ...		o	oc, b	c, p	c, p	56	47	3.8	-	i lightning.		8 39-45	
Howden ...		q, z	q, o	c, p	c, p	64	45	3.0	-	m mist.		9 47-54	
Cranwell (Lincs) ...		bcc, d, d	om, r	c, p	c, p	66	48	1	-	n overcast sky.		10 55-63	
Felixstowe ...		c, z	c, p	c, p	c, p	63	53	4	4	p passing showers.		11 64-75	
Shoeburyness ...		bcc, ad	oc, bc, b	c, p	c, p	69	47	4.0	0.1	q squalls.		12 Above 75	
Benson ...		bc	bc	c, p	c, p	68	47	4.2	2	r rain.			
S. Farnborough ...		rm, mco	oc, bc	c, p	c, p	69	47	3.8	3	rs sleet, i.e., rain and snow together.			
London (Kew Obs.) ...		od, m, d, a	o, b	c, p	c, p	69	53	4.3	-	s snow.			
Croydon ...		o, frd	o, f, bc, b, f	c, p	c, p	68	52	4	1	t thunder.			
										u ugly, threatening sky.			
										v unusual visibility.			
										w dew.			
										x hoar frost.			
										y dry air; humidity less than 60 per cent.			
										z dust haze; the turbid atmosphere of dry weather.			

LONDON. OBSERVATIONS.	WEATHER.		Night.	Max. Temp.		Min. on Grass.	Rain-fall.	Sun-shine to Sunset.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.		
	Morning.	Afternoon.		° F.	° F.				15 h. 9 h.					
									G.M.T.	G.M.T.				
24 HOURS ENDED 9H G.M.T. 12 th June								YESTERDAY.	TO-DAY.	12 th & 13 th June 1920.				
Vertical Component of Solar Radiation per Square Centimetre during yesterday.											Stations.	Sunrise.	Noon.	Sunset.
											G.M.T.	G.M.T.	G.M.T.	
Greenwich (Royal Observatory)	o r	o c o r	bc bo	69	53	43	1	3.7	7.4	7.2	Yarmouth...	3.32	11.52	8.13
City (Bunhill Row) ...	*	*	*	*	*	*	=	2.9	7.4	7.2	Greenwich	3.32	11.52	8.14
Westminster (St. James's Park)	*	*	*	*	*	*	=	3.2	7.4	7.2	Wick	3.32	12.0	8.15
.. (Admiralty Arch)	o j	o j bc v	c m b m	69	57	*	0.2	3.5	7.4	7.8	Valencia ...	4.23	12.11	8.59
Camden Sq. (British Rainfall)	o d c	c bc	*	70	53	49	0.1	*	7.2	7.0		4.23	12.12	8.59
Kensington Palace ...	o	o	*	69	53	46	0.4	*	6.5 (18h)	8.0				
Hampstead Observatory ...	o r	bc o r	bc	66	53	*	1	3.3	*	7.6				

Photographic Record of

Pole Star (Polaris) and of 8 Ursae

Minors at Greenwich Observatory.

Exposure from 11th to 12th June 1920.

to 12th June 1920.

Stars.	Duration of Exposure.		Duration of Record.		%
	h.	m.	h.	m.	
Polaris	5	0	2	48	56
8 Ursae	5	0	2	3	41

NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose to about 70° at some stations in the South half of England and to 65° over a much wider area. The minima of the night were much higher than of late. Rain fell in most parts of England and Ireland; a thunderstorm occurred at Liverpool and Baldonnell and thunder at Roche's Point. The largest rain measurements were 21 mm. at Blackscod Point, 16 mm. at Donaghadee, and 13 mm. at Liverpool. Bright sunshine records were high in the North and at some South-Western and Eastern stations.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 21,388

SUNDAY, 13TH JUNE.....1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																												
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	HUMIDITY. %	VISIBILITY. 0-9.	HEIGHT of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		SEA 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	HUMIDITY. %	VISIBILITY. 0-9.	HEIGHT of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		SEA 0-9.
			Dirac.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dirac.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.	
13H. G.M.T. OF 12 TH														18H. G.M.T. OF 12 TH														
Renfrew ...	1014.3	0	ENE	4	oif	61	65	6	4200	Cu	5	A.Cu	4	2	1014.1	0	ENE	4	c	57	65	8	-	Sc	2	Ci	6	4
Eskdalemuir ...	1012.3	0	ENE	5	c	63	75	6	-	Cu.Nb	6	Fa.Ci	2	2	1013.0	0	ENE	3	b	57	75	6	-	Sc	3	Ci	5	2
Valencia (Cahire'n)	1001.7	0	ENE	6	a	59	75	8	3000	Sh.Cu	9	-	-	4	1002.3	+1	ENE	5	c	59	75	4	3000	Sc	8	-	-	4
Baldonnel ...	1009.9	+1	SE	5	oq	59	75	7	2000	St.	10	-	-	2	1009.1	-1	ENE	3	o	56	75	6	3000	Sc	10	-	-	2
Didsbury ...	1009.8	-1	E	5	c	71	65	5	4200	Cu	5	A.St	3	2	1009.1	-3	E	6	o	69	65	5	4200	Cu.Nb	3	A.St	6	4
Falmouth ...	1007.2	-0	SE	4	om	60	85	5	-	Cu.Nb	8	A.Cu	2	2	1006.3	-1	ENE	3	om	59	85	5	-	Sc	5	F.Ci	2	2
Calshot (Hants) ...	1009.9	-1	E	1	oq	56	85	5	1250	St.	10	-	-	1	1007.4	-1	N	2	ot	56	92	7	750	Sc	10	-	-	1
Lymington (Folkestone)	1008.7	-3	ENE	5	oq	68	65	8	2000	Cu.Nb	7	Ci.St	3	2	1007.4	0	ENE	3	ot	61	92	7	3000	Cu.Nb	10	-	-	2
Aberdeen ...	1019.7	0	E	3	b2	58	75	7	-	-	-	-	-	3	1019.8	0	E	3	bif	54	85	7	-	-	-	-	3	
Howden ...	1011.4	-1	NE	4	c2	71	65	6	2000	Malin	5	A.St	2	2	1010.6	-1	NE	4	bca	62	75	7	4200	Sc	2	Ci.St	2	2
Cranwell (Lines)	1010.6	-1	ENE	4	o	69	65	6	2000	Cu.Nb	8	A.St	1	2	1009.4	0	ENE	4	o	67	65	5	-	-	Ci	9	2	
Felixstowe ...	1011.1	-1	ENE	3	c	64	85	6	3000	Cu.Nb	2	A.St	6	2	1009.0	-4	ENE	4	o	62	85	4	3000	F.Cu	4	A.St	6	2
Shoeburyness ...	1009.6	-1	E	5	bc	69	65	7	-	-	-	A.St	5	2	1007.5	-2	ENE	1	om	61	85	6	-	-	A.St	10	2	
Benson ...	1008.8	-2	W	1	o	67	65	5	-	Sc	10	-	-	2	1007.0	-3	-	0	o	57	97	7	-	Sc	10	-	-	2
S. Farnborough ...	1008.4	-3	W	2	ot	69	65	7	2000	Cu.Nb	7	A.St	3	2	1007.0	-2	N	1	ot.m	58	97	6	750	Nb	10	-	-	2
London (Kew Obs.)	1008.5	-4	WNW	1	otpu	66	75	5	2000	Nb	9	A.St	1	2	1007.2	0	ENE	2	ot.m	60	92	3	2000	Nb	8	A.St	2	2
Croydon ...	1008.6	-3	ENE	2	o2	73	55	7	3000	Cu	6	A.St	2	2	1007.9	-2	E	2	ot.m	59	97	6	1250	Nb	8	A.St	2	2
1H. G.M.T. OF 13 TH														7H. G.M.T. OF 13 TH														
Renfrew ...	1013.2	+1	NE	5	o	51	85	6	-	Sc	9	-	-	2	1014.1	0	ENE	3	o	54	75	8	2000	Sc	10	-	-	2
Eskdalemuir ...	1013.2	0	E	4	om	53	85	6	-	-	-	-	-	4	1013.5	+3	ENE	4	oif	52	92	6	2000	Sc	6	A.Cu	3	2
Valencia (Cahire'n)	1001.6	0	E	4	om	53	85	6	-	-	-	-	-	4	1002.0	+1	ENE	5	c	56	75	8	2000	Sc	7	-	-	3
Baldonnel ...	1006.3	-4	-	0	OR	55	97	3	1500	Nb	10	-	-	2	1008.4	+6	ENE	4	o	58	85	6	750	Sc	8	A.St	1	2
Didsbury ...	1006.8	0	S	1	bc	52	92	8	-	-	-	-	-	2	1010.8	+4	SE	1	og	58	85	5	750	Sc	10	-	-	2
Falmouth ...	1009.6	+3	SW	2	bc	54	92	7	1250	Sc	3	-	-	1	1008.3	+2	SE	2	bc	57	85	7	-	Sc	6	-	-	2
Calshot (Hants) ...	1009.6	+3	SW	2	bc	54	92	7	1250	Sc	3	-	-	1	1011.7	+4	SE	3	o	57	85	8	750	Sc	10	-	-	3
Lymington (Folkestone)	1009.5	+2	-	0	bc	54	92	8	-	-	-	-	-	2	1012.3	+3	S	1	o	54	92	8	1200	Cu	1	A.Cu	8	2
Aberdeen ...	1009.3	-1	NE	4	bc	55	92	7	1200	Sc	2	A.St	2	2	1019.5	+1	NE	2	bc	55	75	7	-	-	-	-	3	
Howden ...	1009.3	-1	NE	4	bc	55	92	7	1200	Sc	2	A.St	2	2	1011.7	+2	-	0	oif	57	92	6	1200	Sc	10	-	-	2
Cranwell (Lines)	1009.8	-1	ENE	4	oif	52	92	5	3000	Sc	10	-	-	2	1011.5	+2	SE	1	oif	59	97	5	1250	Cu.Nb	7	Ci	2	2
Felixstowe ...	1009.8	-1	ENE	4	oif	52	92	5	3000	Sc	10	-	-	2	1012.1	+2	NW	1	oif	57	85	6	-	-	A.St	9	2	
Shoeburyness ...	1009.8	-1	ENE	4	oif	52	92	5	3000	Sc	10	-	-	2	1011.6	+1	ENE	1	bc	57	85	7	-	-	Ci	3	2	
Benson ...	1009.8	-1	ENE	4	oif	52	92	5	3000	Sc	10	-	-	2	1011.6	+3	S	2	c	56	85	7	3000	Cu	2	A.St	5	2
S. Farnborough ...	1009.8	-1	ENE	4	oif	52	92	5	3000	Sc	10	-	-	2	1012.6	+3	SW	1	cif	56	85	7	3000	Cu	2	A.Cu	5	2
London (Kew Obs.)	1009.8	-1	ENE	4	oif	52	92	5	3000	Sc	10	-	-	2	1012.4	+3	SSW	1	cif	56	85	7	2000	Sc	3	A.Cu	4	2
Croydon ...	1009.7	+3	SSW	2	bc	54	97	7	2000	Sc	5	-	-	2	1012.4	+3	SSW	1	cif	56	85	7	2000	Sc	3	A.Cu	4	2
STATIONS CONTRIBUTING REPORTS AT 7H. AND 13H.																												
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		WEATHER.	BAROMETER.		TEMPERATURE.		WIND.		Dirac. of Upper Cloud.	WEATHER.	SEA 0-9.	RAINFALL mm.	TEMP.		WEATHER.			Sunshine Hours.							
			Dirac.	Force 0-12.		M.S.L.	Change in 3 hours.	Temp.	Change in 24 hours.	Dirac.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.								
13H. G.M.T. OF 12 TH														7H. G.M.T. OF 13 TH														
Lerwick ...	1022.9	50	E	2	bc	1022.8	+1	51	+6	0	-	Sc	0	-	52	44	b	bc	bc	14.8								
Stornoway ...	1016.6	63	E	2	b	1017.5	+1	57	+1	ENE	2	-	Sc	1	-	68	49	b	b	14.8								
Castlebay (Barra) ...	1013.7	67	NE	4	c	1012.7	0	61	+7	NE	4	-	Op.	4	-	67	54	oc	c	6.6								
Malin Head ...	1010.4	55	E	3	cm	1007.8	+1	52	+1	E	5	E	Cm	4	1	59	51	cm	cm	4.8								
Blacksod Point ...	1005.9	64	ENE	4	bc	1013.9	+2	55	0	ENE	3	-	C	2	8	65	52	bc	bc	cmop								
Roche's Point ...	1005.3	58	SE	5	b	1005.4	+2	56	0	SE	5	-	Sc	5	1	60	55	c	c	12.5								
Birr Castle ...	1007.1	64	SE	1	c	1006.9	0	57	+2	E	1	-	C	2	-	66	54	c	c	12.5								
Donaghadee ...	1011.0	56	NE	1	omptl	1010.1	+6	52	-1	SE	4	-	Omptl	3	6	61	50	bc	omptl	omptl								
Liverpool (Bidston)	1007.9	56	WNW	1	o	1010.2	+4	58	+2	SE	1	-	Sc	1	21	69	55	bc	bc	7.2								
Holyhead ...	1008.7	57	-	0	tlrm	1010.6	+4	54	-1	S	4	SE	C	4	25	66	52	co	ocpo	2.5								
Pembroke (St. Ann's Head)	1007.8	58	E	3	c	1009.0	+2	55	+1	ENE	3	SE	C	3	1	61	53	c	c	1.3								
Scilly (St. Mary's)	1004.7	57	SE	4	c	1007.1	+1	59	+3	SE	2	SE	Sc	4	0.2	61	54	bce	bc	11.4								
Jersey (St. Aubin)	1008.6	56	ENE	3	ot	1011.1	+1	57	+1	ENE	3	-	C	3	6	62	54	o.b.o	or	0.1								
Portland Bill ...	1009.0	56	ENE	2	op	1010.0	+2	56	0	SE	3	-	C	4	2	58	52	o	op	0.1								
Dungeness ...	1006.6	60	S	2	t	1012.0	+2	56	-5	SW	2	S	Sc	2	3	68	48	cbe	ctlf	0.1								
Wick ...	1020.4	50	ENE	2	bcm	1020.1	0	57	+1	ENE	2	-	Sc	3	-	52	43	bcm	bcm	0.1								
Nairn ...	1017.0	66	ENE	5	b	1017.9	0	56	+2	E	1	-	Sc	1	-	72	43	bcbq	q.bz	15.4								
Leith ...	1016.1	54	NE	3	bc	1016.1	0	53	+2	NE	5	-	Sc	1	0.3	56	51	o.c.Sc	o.c.Sc	0.1								
Tynemouth ...	1014.6	53	E	3	om	1012.6																						

SUMMARY OF CONDITIONS AT 7 h.m.G.M.T. Sunday, 13th June, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	S-SW 5-15	Normal	Dull, misty.	Good	Slight.
2. E. England	S-SW 0-15	R.Warm	Dull.	Fair	Smooth.
3. E. Midlands	SE 0-5	"	Dull, misty.	Indiff.	-
4. W. Midlands	SSE 0-5	"	Dull, gloomy, bright.	"	-
5. S.W. England	SSE 5-10	"	Fair. (locally	Good	Mod.
6. South Wales	ESE 10-15	Normal	Dull.	"	Slight.
7. North Wales	S 15-20	"	Dull.	"	Mod.
8. N.W. England	SE 15-20	R.Warm	Dull, squally.	Fair	Slight.
9. N. Midlands	Calm	"	Dull, misty.	Good	-
10. N.E. England	ESE 0-5	Normal	Dull, misty.	Fair	Mod.
11. E. Scotland	E 0-10	R.Warm	Fine, local mist.	Good	Slight.
12. S.W. Scotland	ENE 15-20	Normal	Dull, misty.	Fair	"
13. Isle of Man	SE 15-20	"	Dull, squally, some rain.	Indiff.	"
14. N. & N.W. Scotland	ENE 10-15	Warm	Fine.	V.Good	"
15. Hebrides	NE 5-15	"	Fine, showers at Castlebay.	Good	"
16. Orkneys and Shetlands	Calm	Normal	Fair.	"	Calm.
17. N.W. Ireland	ESE 10-15	"	Dull.	Fair	Smooth.
18. N.E. Ireland	SE 15-20	"	Dull, squally, rainy.	Indiff.	Slight.
19. S.E. Ireland	SE 20-25	"	Fair.	Fair	R.Rough
20. S.W. Ireland	NE 20-25	"	Dull.	V.Good	Slight.



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

Pressure will continue high North and North-East of the British Isles, but there is a risk of further disturbances developing over the Southern half of the British Isles. Unsettled weather with a tendency for thunder may be expected except in Northern Scotland, where it will remain fine.

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

Districts.	Forecasts for the 24 hours commencing 3 p.m. G.M.T. Sunday, 13th June, 1920.	Further Outlook.
1. S.E. England	Wind light to moderate, mainly from between S. and E.; varying amount of low cloud, some showers, risk of thunder, visibility fair to good; moderate temperature.	Unsettled with a tendency for thunder for two or three days except in Northern Scotland where the further outlook is uncertain.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales	Light to moderate Easterly wind; fair to fine in the N., cloudy (in the S.); visibility about normal; moderate temperature.	
7. North Wales		
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. E. Scotland	Moderate Easterly wind; cloudy, some showers, risk of thunder, visibility fair to good; moderate temperature.	
12. S.W. Scotland		
13. Isle of Man		
14. N. & N.W. Scotland		
15. Hebrides		
16. Orkneys and Shetlands	Light E. wind; fine, visibility good; moderate temperature.	
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		

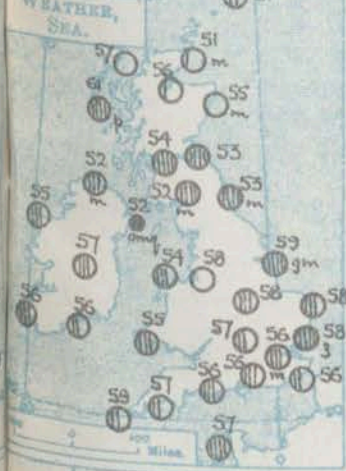
SYNOPTIC CHART FOR MORNING OF SUNDAY, 13TH JUNE, 1920.

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

Q1
G.63 A.2
G.63 A.2
G.63 A.2

Lower Cloud

TEMPERATURE
WEATHER,
SEA.



ION.
drawn for
two by arrow
on the scale
the number of
shown in miles
half miles.
in diagram of.

clouded.
sky & clouded.
rain falling.
fog = mist.
hazy = mist.

look.

with a
for
or two
days
North-
and
further
un-

LOW

HIGH

Barometer

rising

generally

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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PARTS 1 & 2)

Visual range	Objects not visible at	50 metres (or yards)
1. Dense fog	"	"
2. Very Bad	"	"
3. Bad	"	"
4. Very Poor	"	"
5. Poor	"	"
6. Indifferent	"	"
7. Fair	"	"
8. Good	"	"
9. Very Good	"	"
10. Excellent	"	"

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 12 th																			
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 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.
Scotland.	Oban	bcc	bc	70	53	-	-	5.5	13.1	England, N.W.	Douglas (I.O.M.)	-	-	64	51	17	14	4.4	0.3
	Banff	b	b	63	48	-	-	13.0	3.8		Blackpool	cp	cp	70	47	7	0.2	6.0	1.2
	Montrose										Southport	coc	corrlco	68	53	17	2	2.5	2.5
	St. Andrews																		
England, N.E.	Harrogate	bbcc	bc.b	71	49	1	0.1	8.0	2.7	Midlands.	Buxton	rebed	bc.r.bd	68	52	1	0.4	5.2	0.4
	Scarborough	bc	bc	61	48	-	-	2.3	11.0		Leamington Spa... ..								
	Skegness										Malvern	oc	catlr	66	50	3	8	*	3.7
England, E.	Lowestoft									Wales.	Ross-on-Wye	omc	otr	65	47	-	2	0.4	3.6
	Felixstowe	bcz	cz	65	57	-	-	9.7	6.4		Bath	or	r	60	49	-	2	0.0	2.7
	Southend-on-Sea... ..	bc	cogtl	74	51	-	-	6.4	5.1		Rhyl								
England, S.E.	Tunbridge Wells	ocbc	catlr	74	51	-	5	2.3	3.5	England, S.W.	Colwyn Bay	*	*						
	Margate	abc.b	ctf	70	57	-	0.3	4.6	5.7		Llandudno	c.c	cb.r	65	50	0.3	3	3.5	2.4
	Ramsgate			67	56	-	-	6.0	5.9		Aberystwyth	oco	oro	65	52	-	2	0.3	1.4
	Folkestone	bc.b	bcotf	69	58	-	1	6.7	5.3		Swansea								
	Hastings	bc.b	bcotr	71	55	trace	13	4.7	5.8		Weymouth	o	oc	61	55	0.2	-	0.0	4.5
	Eastbourne	oc	tlror	66	54	-	2	1.2	5.1		Teignmouth								
	Brighton										Torquay	ocbc	obco	61	53	1	-	4.3	5.4
	Worthing	c	ctro	66	52	-	2	1.0	5.9		Paignton	c	bco	63	50	2	-	4.1	4.0
	Littlehampton	oc	tro	65	50	-	6	0.2	4.9		Penzance	bc	beb.	62	53	0.2	-	11.3	0.8
	Portsmouth (S. Sea)	or	rtl	59	53	2	17	0.0	5.7		Newquay								
	Bournemouth	*	*	57	52	1	9	0.0	5.0		Bude	c	c	65	51	0.4	-	2.3	10.1
	Ventnor (I. of W.)	*	*	66	53	3	15	0.0	3.8		Ilfracombe	oc	co	63	53	-	-	0.3	6.1
											Weston-s-Mare								
											Tenby... ..	co	c	63	57	0.3	-	0.2	9.7

STATIONS.		SUMMARY 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. Limits of Velocity at about 33 feet above ground.	
		WEATHER.				TEMPERATURE.		RAINFALL.		Sun. Hours.					
		7h-13h.	13h-18h.	18h-24h.	24h-7h.	Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Day. 7h-12h.		Night. 12h-7h.				
													No.	Statute miles per hour.	Metres per second.
Renfrew...	...	bc.c.o.	coq	c.cq.	c.o	64	51	47	-	-	-	8.0	0	Less than 1	Less than 0.5
Eskdalemuir ...	...	o.c	cozoz	c.cq.	o.cq.	65	48	46	-	-	-	5.4	1	1-5	0.3-1.5
Valencia (Cahirciveen) ...	...	c.cq	op.c	c.cq.	o.cq.	62	51	50	2	-	-	5.4	2	4-7	1.6-2.5
Baldonnel ...	...	c.cq	q.f	o.cq.	o.cq.	60	51	-	-	-	-	-	3	8-12	2.4-3.4
Didsbury ...	...	coz	cop	c.cq.	c.g.	72	56	-	trace	2	-	4	4	13-18	4.5-7.0
Falmouth ...	...	beco	comem	c.cq.	o.cq.	62	50	45	-	-	-	9.1	5	19-24	5.0-10.7
Calshot (Hants) ...	...	o.cq	er.trr	o.cq.	o.cq.	59	52	48	16	3	-	0.0	6	25-31	10.5-13.5
Lympne (Folkestone) ...	...	c.cq	o.cq	c.cq.	c.cq.	72	52	51	5	2	-	7.8	7	32-38	13.9-17.1
Aberdeen ...	...	b.b.c	bz	c.cq.	c.g.	58	49	40	-	-	-	14.6	8	39-46	17.3-20.7
Howden ...	...	becz	qz	c.cq.	o.cq.	73	53	50	-	-	-	12.0	9	47-54	20.9-24.4
Cranwell (Lincs) ...	...	c.o	tlr.c	c.cq.	o.cq.	75	54	-	-	2	-	9.4	10	55-63	24.5-28.1
Felixstowe ...	...	becz	becz	c.cq.	c.cq.	71	54	52	2	0.4	-	7.0	11	64-75	23.5-33.5
Shoeburyness ...	...	b.b.c	bc.cq	c.cq.	c.cq.	71	54	52	2	0.4	-	7.0	12	Above 75	33.6 or above
Benson ...	...	beco	tlr	c.cq.	c.cq.	67	47	42	21	3	-	-			
S. Farnborough ...	...	ome.c	tlrhm	c.cq.	c.cq.	72	49	41	10	17	-	1.1			
London (Kew Obs.) ...	...	o.cq	tlrhm	c.cq.	c.cq.	70	51	44	28	9	-	1.4			
Croydon ...	...	ome.c	tlrhm	c.cq.	c.cq.	74	51	4	20	4	-	4			

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).		TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.		
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUN.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.		13 th & 14 th JUNE 1920.		
		Morning.	Afternoon.	Night.	Max. °F.	Min. °F.	Min. on Grass °F.	Hours.	Humidity %.					
Greenwich (Royal Observatory)		o.c.	o.c.	o	76	53	48	16	37	55	69	Stations.		
City (Bunhill Row)												Sunrise.		
Westminster (St. James's Park)												Noon.		
" (Admiralty Arch)		om.c	o.c.	o.c.	78	55	51	10	2.1	59	67	Sunset.		
Camden Sq. (British Rainfall)		oc.c	o.c.	o.c.	78	54	51	12		78	72	G.M.T.		
Kensington Palace		o	o.c.	o.c.	63	54	50	2		100 (18h)	69	G.M.T.		
Hampstead Observatory					71	52	4	8	3.0		71	G.M.T.		
Total												Joules.		
Average Rate.												Milliwatts.		
Maximum Rate.												G.M.T.		
Yarmouth ...												G.M.T.		
Greenwich ...												G.M.T.		
Wick ...												G.M.T.		
Valencia ...												G.M.T.		

NOTES ON THE WEATHER OF YESTERDAY.

There were thunderstorms across England between Dungeness and Liverpool, extending as far West as Ross-on-Wye, and Eastwards to Cranwell (Lincs.). There were some large totals of rainfall, 37 mm. at Kew, 27 at Farnborough and 25 at Holyhead. The temperature was moderately high in the afternoon, 75° at Nottingham and 72° as far North as Nairn. Sunshine was most abundant in Scotland, 15 hours at Stornoway, Nairn and Aberdeen, and at Yarmouth there were 13 hours.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 21,389

Monday... 17th June... 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 13H.																													
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	
			Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dir.	Force 0-12.						Form.	Amt. 0-10.				
			13H. G.M.T. OF 13 th June																										
Renfrew	1014.5	0	E	4	bc	61	75	5	2000	St	4	A Cu	4	4	1015.4	+2	ENE	3	bc	61	75	5	2000	St	3	A Cu	2	4	
Esksdalemuir	1013.7	+1	ENE	3	bc	60	75	5	2000	St	4	A Cu	4	4	1015.3	+2	E	4	bc	62	75	5	2000	St	4	A Cu	2	4	
Valencia (Cahire'n)	1005.3	+4	SE	4	0	58	75	8	3000	St	10	-	-	3	1007.6	+2	ESE	3	0	58	75	8	3000	St	4	A Cu	4	3	
Baldonnel	1011.2	+1	E	4	0	59	75	7	2000	St	4	A Cu	2	4	1012.2	+2	E	4	0	59	75	6	2000	St	9	A St	1	4	
Didsbury	1012.5	+2	-	0	0	64	65	6	4200	Cu	4	A St	3	4	1012.8	+1	E	2	0	62	75	4	4200	Cu	6	A St	4	4	
Falmouth	1010.8	+2	SSE	3	bc	60	85	8	-	Cu	4	-	-	4	1011.1	+1	SSE	2	bc	59	75	8	-	Cu	1	C	1	4	
Calshot (Hants)	1012.9	+2	ESE	4	0	60	85	8	1250	Cu	3	A St	7	3	1013.4	0	ESE	4	0	59	85	8	2000	St	2	C	6	4	
Lymington (Folkestone)	1013.8	+2	S	3	0	59	85	9	2000	St	4	A St	6	4	1014.4	0	ESE	1	0	59	92	9	5700	St	4	A St	5	4	
Aberdeen	1019.4	+1	ENE	1	bc	59	75	6	-	St	5	-	-	3	1021.2	+2	ENE	1	bc	58	75	6	-	-	-	A Cu	2	3	
Howden	1013.3	+2	ENE	2	bc	62	97	5	1250	Nb	10	-	-	4	1014.0	+1	NE	3	0	63	85	6	2000	St	4	A St	4	4	
Cranwell (Lines)	1013.5	+2	E	1	bc	63	85	6	1250	Cu	8	A St	2	4	1013.0	0	ENE	1	0	62	92	5	1250	Cu	4	A St	3	4	
Felixstowe	1013.2	+1	S	1	0	66	65	4	1200	St	3	A St	6	4	1014.3	+1	-	0	bc	59	85	6	1250	St	9	-	-	4	
Shoeburyness	1013.2	+1	S	1	0	66	65	4	1200	St	3	A St	6	4	1014.3	+1	-	0	bc	59	85	6	1250	St	9	-	-	4	
Benson	1012.3	0	SE	2	0	64	65	4	-	Cu	6	-	-	4	1013.0	0	SE	2	0	62	75	4	-	-	-	A St	6	4	
S. Farnborough	1012.6	+1	SE	4	0	65	65	7	2000	Cu	6	A St	4	4	1013.2	0	SE	3	0	62	75	8	2000	St	6	A St	3	4	
London (Kew Obs.)	1013.2	0	S	2	0	65	65	9	4200	St	4	A St	3	4	1013.6	0	SSE	2	0	63	65	9	4200	St	1	A St	8	4	
Croydon	1013.8	0	S	2	0	62	75	8	3000	St	6	A St	4	4	1013.5	0	S	2	0	60	75	8	2000	St	6	A St	4	4	
1H. G.M.T. OF 14 th June																													
Renfrew	1017.2	+2	ENE	5	bc	53	85	6	-	-	-	-	-	4	1019.1	+1	ENE	5	bc	56	85	6	5700	Nb	4	A St	3	4	
Esksdalemuir	1009.6	0	ESE	3	bc	52	85	6	-	-	-	-	-	3	1018.7	+1	ENE	5	0	51	85	6	-	St	4	Ci. St	5	4	
Valencia (Cahire'n)	1013.5	0	ESE	2	bc	52	95	6	4200	St	5	-	-	4	1016.6	+1	E	4	C	56	75	8	3000	St	6	Ci	2	3	
Baldonnel	1013.5	0	ESE	2	bc	52	95	6	4200	St	5	-	-	4	1014.5	+1	-	0	bc	51	97	2	-	-	-	-	-	4	
Didsbury	1012.1	0	SE	3	bc	54	95	7	-	Cu	5	-	-	4	1015.6	+2	-	0	bc	56	97	3	750	Nb	10	-	-	4	
Falmouth	1014.0	0	ESE	2	b	56	95	7	2000	St	1	-	-	2	1012.8	+1	SE	3	bc	57	85	7	-	Cu	3	A Cu	3	4	
Calshot (Hants)	1013.1	+1	-	0	bc	50	95	8	4200	St	3	-	-	4	1014.9	+1	E	2	bc	57	92	5	750	St	10	-	-	2	
Lymington (Folkestone)	1013.1	+1	-	0	bc	50	95	8	4200	St	3	-	-	4	1015.5	+1	ESE	1	C	58	75	8	-	-	-	Ci. St	7	4	
Aberdeen	1015.7	0	NE	2	bc	53	97	6	1250	Nb	9	-	-	4	1024.0	+1	E	2	bc	59	65	7	-	-	-	-	-	2	
Howden	1015.9	+1	ESE	1	bc	53	97	5	2000	Nb	10	-	-	4	1016.7	+1	NE	1	0	56	92	7	2000	St	10	-	-	4	
Cranwell (Lines)	1015.9	+1	ESE	1	bc	53	97	5	2000	Nb	10	-	-	4	1016.0	+1	NE	1	0	56	97	5	750	Nb	10	-	-	4	
Felixstowe	1015.9	+1	ESE	1	bc	53	97	5	2000	Nb	10	-	-	4	1016.0	+1	NE	1	0	56	97	5	750	Nb	10	-	-	4	
Shoeburyness	1015.9	+1	ESE	1	bc	53	97	5	2000	Nb	10	-	-	4	1016.0	+1	NE	1	0	56	97	5	750	Nb	10	-	-	4	
Benson	1015.9	+1	ESE	1	bc	53	97	5	2000	Nb	10	-	-	4	1016.0	+1	NE	1	0	56	97	5	750	Nb	10	-	-	4	
S. Farnborough	1015.9	+1	ESE	1	bc	53	97	5	2000	Nb	10	-	-	4	1016.0	+1	NE	1	0	56	97	5	750	Nb	10	-	-	4	
London (Kew Obs.)	1014.3	0	-	0	bc	51	85	6	-	-	-	-	-	4	1014.9	+1	ESE	2	bc	57	85	5	1250	St	2	Ci. St	5	4	
Croydon	1014.9	0	E	2	bc	50	92	7	-	-	-	-	-	4	1015.8	+2	SE	1	bc	59	85	5	4200	St	3	Ci. St	5	4	
7H. G.M.T. OF 14 th June																													
Renfrew	1017.2	+2	ENE	5	bc	53	85	6	-	-	-	-	-	4	1019.1	+1	ENE	5	bc	56	85	6	5700	Nb	4	A St	3	4	
Esksdalemuir	1009.6	0	ESE	3	bc	52	85	6	-	-	-	-	-	3	1018.7	+1	ENE	5	0	51	85	6	-	St	4	Ci. St	5	4	
Valencia (Cahire'n)	1013.5	0	ESE	2	bc	52	95	6	4200	St	5	-	-	4	1016.6	+1	E	4	C	56	75	8	3000	St	6	Ci	2	3	
Baldonnel	1013.5	0	ESE	2	bc	52	95	6	4200	St	5	-	-	4	1014.5	+1	-	0	bc	51	97	2	-	-	-	-	-	4	
Didsbury	1012.1	0	SE	3	bc	54	95	7	-	Cu	5	-	-	4	1015.6	+2	-	0	bc	56	97	3	750	Nb	10	-	-	4	
Falmouth	1014.0	0	ESE	2	b	56	95	7	2000	St	1	-	-	2	1012.8	+1	SE	3	bc	57	85	7	-	Cu	3	A Cu	3	4	
Calshot (Hants)	1013.1	+1	-	0	bc	50	95	8	4200	St	3	-	-	4	1014.9	+1	E	2	bc	57	92	5	750	St	10	-	-	2	
Lymington (Folkestone)	1013.1	+1	-	0	bc	50	95	8	4200	St	3	-	-	4	1015.5	+1	ESE	1	C	58	75	8	-	-	-	Ci. St	7	4	
Aberdeen	1015.7	0	NE	2	bc	53	97	6	1250	Nb	9	-	-	4	1024.0	+1	E	2	bc	59	65	7	-	-	-	-	-	2	
Howden	1015.9	+1	ESE	1	bc	53	97	5	2000	Nb	10	-	-	4	1016.7	+1	NE	1	0	56	92	7	2000	St	10	-	-	4	
Cranwell (Lines)	1015.9	+1	ESE	1	bc	53	97	5	2000	Nb	10	-	-	4	1016.0	+1	NE	1	0	56	97	5	750	Nb	10	-	-	4	
Felixstowe	1015.9	+1	ESE	1	bc	53	97	5	2000	Nb	10	-	-	4	1016.0	+1	NE	1	0	56	97	5	750	Nb	10	-	-	4	
Shoeburyness	1015.9	+1	ESE	1	bc	53	97	5	2000	Nb	10	-	-	4	1016.0	+1	NE	1	0	56	97	5	750	Nb	10	-	-	4	
Benson	1015.9	+1	ESE	1	bc	53	97	5	2000	Nb	10	-	-	4	1016.0	+1	NE	1	0	56	97	5	750	Nb	10	-	-	4	
S. Farnborough	1015.9	+1	ESE	1	bc	53	97	5	2000	Nb	10	-	-	4	1016.0	+1	NE	1	0	56	97	5	750	Nb					

SUMMARY OF CONDITIONS AT 7 A.M.G.M.T. Monday, 14th June, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	E-SE 0-10	Normal	Fair, misty.	Indif.	Smooth
2. E. England	Var. 0-10	"	Dull misty; fair locally.	"	"
3. E. Midlands	NE 0-10	"	Dull, misty, rainy.	"	-
4. W. Midlands	E 0-10	R. Warm	Dull, misty, rain locally.	V. Poor	-
5. S.W. England	SE 10-15	Normal	Fair.	Good.	Slight
6. South Wales	SSE 10-15	"	Fair.	Fair	Smooth
7. North Wales	ESE 5-10	R. Warm	Fair.	"	V. Smooth
8. N.W. England	ENE 5-10	Normal	Dull, misty.	"	Slight
9. N. Midlands	NE 0-5	"	Dull, misty.	Good	-
10. N.E. England	E 10-15	"	Dull, misty, gloomy.	"	Med.
11. E. Scotland	E 5-10	Warm.	Fine, local mist.	"	Smooth
12. S.W. Scotland	NE 20-25	R. Warm.	Dull.	Fair	Slight
13. Isle of Man	E 10-15	Normal.	Dull, misty.	"	"
14. N. & N.W. Scotland	ENE 15-20	Warm.	Very fine.	V. Good	Med.
15. Hebrides	E 15-25	"	Very fine.	" "	"
16. Orkneys and Shetlands	NE 0-5	"	Very fine.	" "	V. Smooth
17. N.W. Ireland	E 0-5	Normal	Fair.	Fair	Smooth
18. N.E. Ireland	E 10-15.	"	Dull, misty.	"	Slight
19. S.E. Ireland	SE 15-20	"	Dull.	Good	Med.
20. S.W. Ireland	E 15-20	"	Cloudy.	V. Good	Slight.



EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of two millibars.
WIND.—Direction is shown by arrow flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in small circles per hour by figures in small circles.
TEMPERATURE.—Isotherms are drawn at intervals of 1 degree.
WEATHER SYMBOLS.
 ☉ clear sky. ☁ sky & cloudy. ☂ sky & cloudy. ☄ 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.

The anticyclone over Iceland and shallow low to Southwest of the British Isles will maintain the Southeasterly wind current. Changeable weather with local thunder will probably continue for a day or two.

Districts.	Forecasts for the 24 hours commencing 3.15h GMT. Monday, 14th June, 1920.
1. S.E. England	Wind South-East or South, light; mainly fair, but local rain or showers and risk of thunder; mirning mist, visibility good during day; rather warm.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	Wind South-East or East, light to moderate; mainly fair but local rain or showers and risk of thunder, visibility mainly good; rather warm.
8. N.W. England	
9. N. Midlands	
10. N.E. England	Wind East light or moderate, fair generally; visibility good; rather warm.
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	As for 7 - 10.
14. N. & N.W. Scotland	As for 11.
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	As for 7 - 10.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

69.B.

6.9.3.

SYNOPTIC CHART FOR MORNING OF MONDAY 14TH JUNE 1920

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

LOW

45
(21)
Cloudy

1026

57
(2)
Fine

1028

HIGH

52
(0)
Fine

1024

1022

1020

1018

1016

1014

1012

1010

LOW

Barometer

Rising

Slightly

Showers

64
(5)
Fine

66
(2)
Fine

55
(10)
Fine

56
(10)
Rain

56
(5)
Rain

56
(2)
Cloudy

55
(10)
Fair

56
(15)
Cloudy

56
(2)
Fair

56
(2)
Cloudy

56
(2)
Fair

56
(2)
Fair

56
(2)
Fair

56
(2)
Fair

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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 122)

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

ESSA.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 166

Monday
14th June 1920

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 Sun-set.			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sun-set.
Scotland.	Oban			64	44	-	-	13.1	16.0	England, N.W.	Douglas (I.O.M.)			65	56	4	2	1.0	6.0
	Banff	b	b								Blackpool	c	ob r	65	56	4	2	1.0	6.0
	Montrose										Southport	o c o	ob c	65	55	3	-	0.5	2.5
	St. Andrews																		
England, N.E.	Harrogate	or	o c c l	62	51	-	8	0.2	8.9	Midlands.	Buxton			67	60	21	-	6.2	8
	Scarborough										Leamington Spa	c	c b	67	60	21	-	6.2	8
	Skegness										Malvern								
											Ross-on-Wye	or c p	o c c v c	66	49	1	2	3.0	0.4
England, E.	Lowestoft	or	or	61	54	1	2	0.0	?	Wales.	Bath	o c b o	b c c	66	49	13	-	4.2	0.0
	Felixstowe	o	gr	63	46	-	-	1.9	9.4		Rhyl	b c	b c c	69	54	20	-	4.8	?
	Southend-on-Sea	o c	or	68	55	1	1	1.0	6.4		Colwyn Bay			69	58	25	-	5.0	?
											Llandudno	c b c c c	c	64	54	24	0.1	5.0	3.5
England, S.E.	Tanbridge Wells	b c	o	62	51	4	-	1.5	2.3	England, S.W.	Aberystwyth								
	Margate	c	c	64	55	1	0.2	0.6	4.6		Swansea								
	Ramsgate	*	*								Weymouth								
	Folkestone	o	o r o	72	55	1	1	0.0	4.8		Teignmouth								
	Hastings	o b c	b c o v	61	53	2	0.2	1.9	4.4		Torquay	o c o b	b b c b	62	55	3	-	9.6	4.3
	Eastbourne	c o	o	60	51	15	0.1	1.2	1.2		Paignton								
	Brighton	o c o	c o	61	54	10	-	2.0	?		Penzance	u p r b	b c b	61	54	0.3	0.2	6.2	11.3
	Worthing	o c	c b c	61	53	5	-	1.5	2.2		Newquay	b o b b o	b v	62	47	0.4	1.4	7.3	?
	Littlehampton	c	b c o	65	51	10	2	1.0	0.2		Bude	d e c t	b a c	64	51	-	-	10.8	0.4
	Portsmouth (S. Sea)	*	*	61	50	3	-	1.9	0.0		Ilfracombe	b c b	b c c	65	54	2	0.4	10.6	?
	Bournemouth	*	*	62	53	18	-	4.5	0.0		Weston-s-Mare	c b c	b c	68	53	5	-	4.0	?
	Ventnor (I. of W.)	*	*	62	51	5	-	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. 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. Limits of Velocity at about 30 feet above ground.		
		WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	RAINFALL.		Sun. Hours.						
		7h-13h...	13h-18h...	18h-1h...	1h-7h...				Day. 7h-18h.	Night. 18h-7h.							
Newfrew	cozf	bccif	bc.c.bbe	bc.c.v.	63	52	47	-	-	4.6	No. Statute miles per hour. Metres per second. 0 Less than 1 Less than 0.3 1 1-3 0.3-1.5 2 4-7 1.5-2.8 3 8-13 2.4-6.4 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						
Eskdalemuir ...	cozf	bccotex	bc.pd	b.bc.ba.	69	48	45	-	-	3.9							
Valencia (Cahirciveen) ...	qz	copope	bc.czf	b.bc.	61	52	49	2	-	6.4							
Baldonnel ...	qo c	qco	c.oif.	o.s.f.	63	45	*	Trace	Trace	5.4							
Didsbury ...	og	ou.or	oaf R.	oafRR	66	54	50	Trace	12	*	Capital letters indicate intensity, and repetition of letters continuity, thus:- R = heavy rain. cr = continuous moderate rain. r.r. = continuous light rain.						
Falmouth ...	o.s.f.b	b.bv	b.bc.	b.bc.	61	52	46	8	-	9.5							
Calshot (Hants) ...	c	c.co	bc.c.b.	b.bcc.if.	61	54	53	-	-	*							
Lympne (Folkestone) ...	ev	v.c.r.s.f	bc.c.owc.	bc.c.wbc	60	47	39	1	-	0.2							
Aberdeen ...	bif bcf	bcz.bz	oif w.	oif w.	60	49	44	-	-	13.1	SYMBOLS- Aurora ☽ Solar halo ☼ Rime ☽ Lunar halo ☽ Glazed frost ☽ Solar corona ☽ Glazed roads ☽ Lunar corona ☽						
Howden ...	R.s.r.	oif	RR.t	hd.r	67	52	52	?	?	1.2							
Cranwell (Lincs) ...	?	so	RR.r.	rr.ozf.	65	55	*	1	1.4	1.1							
Felixstowe			r.r.hd.	if hd.	64	58	*	*	*	*							
Shoeburyness ...	oif o	or.odd	hd.oif	bc.c.	69	45	41	1	Trace	0.8							
Benson ...	bc	bc	bc.c.	c.o.	65	47	41	-	-	*							
S. Farnborough	bc.co	o	c.o.b.	bc.oif	67	48	39	-	-	3.5							
London (Kew Obs.)	cm.co	ov	v.b.	bif w.	68	49	50	-	-	1.9							
Croydon ...	so	o	bwif	bc.c.if	64	47	*	-	-	0.0							

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.				
	Morning.	Afternoon.	Night.						10 h. G.M.T.	9 h. G.M.T.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.	14 th & 15 th JUNE 1920.			
	24 HOURS ENDED 9h G.M.T.								YESTERDAY.	TO-DAY.			Stations.	Sunrise.	Noon.	Sunset.
Greenwich (Royal Observatory)	0	0	o. bc.	72	46	35	-	3.1	65	67	Total 1370 Joules. Milliwatts. Average Rate. 23.1 Maximum Rate. 70	Yarmouth...	3.31	11.53	8.14	
City (Banhill Row)	*	*	*	67	50	40	-	2.8	65	67		Greenwich	3.31	11.53	8.14	
Westminster (St. James's Park)	*	*	*	67	50	40	-	3.3	60	65		Wick	3.14	12.0	8.16	
.. (Admiralty Arch)	c2	c2	bc. b bc	69	54	*	-	3.3	60	73			Greenwich	3.44	12.0	8.16
Camden Sq. (British Rainfall)	*	*	*	71	49	45	-	*	*	68			Wick	3.7	12.12	4.17
Kensington Palace	0	0	*	67	49	43	-	*	60 (18h)	67	Average Rate.	3.7	12.12	4.17		
Hampstead Observatory	*	*	*	68	50	*	-	2.4	*	66	Maximum Rate.	4.22	12.41	8.59		

Photographic Record of

Pole Star (Polaris) and of δ Ursae

Minoris at Greenwich Observatory.

Exposure from 21h 30m to 22h 30m.

Stars.	Duration of Exposure.	Duration of Record.	%
Polaris	5.0	5.0	100
δ Ursae	5.0	4.55	98
Minoris	5.0	4.55	98

NOTES ON THE WEATHER OF YESTERDAY.

Some rain occurred in most parts of England and Ireland but the day was generally fine in Scotland and from 13 to 14 hours of sunshine were recorded. There were local thunderstorms in many localities and heavy rain occurred during the night at Manchester, Howden and Cranwell. Temperature was about normal for the season.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B21,390

TUESDAY, 15th JUNE.....1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 12H.																												
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 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.		Upper Cloud.		Sea 0-9.	
			Direc.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Direc.	Force 0-12.										
12H. G.M.T. 14 th																												
Renfrew	1018.8	0	ENE	5	c	69	55	7	4200	Cu	5	As	7	3	1018.8	0	ENE	4	bc	66	55	7	4200	Cu	5	As	7	3
Eskdalemuir	1018.5	+1	E	5	cgg	66	55	7	4200	Cu	1	As	7	3	1018.7	0	E	4	bcg	63	45	8	4200	Cu	2	As	7	3
Valencia (Cahire'n)	1012.2	+2	SE	4	c	63	66	8	4200	Cu	5	As	2	3	1012.7	+1	SE	4	b	63	65	8	4200	Cu	2	As	1	3
Baldonnel	1014.3	0	E	3	o	62	75	6	3000	Sc	5	As	4	3	1015.4	0	ENE	3	o	60	75	7	4200	Sc	9	-	-	3
Didsbury	1010.2	0	-	0	r2.3f	58	92	3	750	Nb	10	-	-	3	1010.5	+1	E	4	qum	62	75	5	2000	As	6	As	3	3
Falmouth	1014.5	+2	SE	3	bc	62	75	8	-	As	6	-	-	3	1015.1	+1	SE	2	b.f	59	85	6	-	Cu	1	Cu	1	3
Calshot (Hants)	1015.7	+1	SE	3	b	64	85	9	2000	Cu	1	As	2	2	1015.9	+1	SE	1	bv	62	75	9	3000	As	1	As	2	2
Lymington (Folkestone)	1016.3	+1	E	3	o	62	75	8	3000	As	2	As	7	3	1016.3	0	E	3	c	62	75	8	3000	Cu	1	As	6	3
Aberdeen	1024.4	0	E	2	b	63	75	8	-	-	-	-	-	3	1024.2	0	ENE	2	b.f	59	75	7	-	-	-	-	-	3
Howden	1017.7	0	ENE	2	o.f	60	85	5	3000	Sc	5	As	5	3	1017.5	0	NE	4	o	60	85	6	4200	Sc	4	As	6	3
Cranwell (Lincs)	1017.0	0	ENE	2	r2.3f	58	92	5	4500	Nb	7	-	-	3	1017.0	+1	E	3	o	62	85	6	1200	Sc	2	As	7	3
Felixstowe	1016.9	0	SE	3	c	62	75	7	2000	Cu	2	As	4	1	1017.3	0	E	2	c	59	92	8	3000	As	1	As	7	3
Shoeburyness	1016.7	+1	SE	3	bc	64	65	7	-	-	-	-	-	3	1016.7	0	E	1	bc	59	85	7	-	-	-	-	-	3
Benson	1014.9	0	SE	3	o.f	59	85	5	-	As	10	-	-	3	1015.3	0	N	1	bc	62	92	7	-	-	-	-	-	3
S. Farnborough	1015.2	0	ENE	3	o	68	75	7	2000	Nb	7	As	2	3	1015.2	+1	SE	3	by	68	55	8	2000	As	2	As	1	3
London (Kew Obs.)	1015.6	0	SH	2	o.f	64	75	8	3000	As	9	As	1	3	1015.6	0	SE	2	cl	66	65	8	3000	As	3	As	4	3
Croydon	1016.1	0	S	3	o.f	63	75	8	2000	As	8	As	2	3	1015.8	+1	SE	2	bc.f	66	65	7	3000	As	5	-	-	3
1H. G.M.T. OF 15 th																												
Renfrew	1021.3	+1	ENE	5	b	52	75	6	-	-	-	-	-	3	1021.2	0	E	3	bc.f	58	75	5	-	-	-	-	-	3
Eskdalemuir	1020.7	0	SE	2	bc	54	-	-	-	-	-	-	-	3	1020.9	0	ENE	5	bc	56	75	7	-	-	-	-	-	3
Valencia (Cahire'n)	1017.7	+1	SE	2	b	51	92	6	-	-	-	-	-	3	1018.4	+1	E	3	c	56	85	8	2000	Sc	3	As	3	2
Baldonnel	1017.7	+1	SE	2	b	51	92	6	-	-	-	-	-	3	1019.3	+1	ENE	2	2fe	52	97	2	-	-	-	-	-	3
Didsbury	1016.5	0	SE	3	o	56	85	6	-	Sc	10	-	-	3	1016.4	+1	SE	1	o.f	55	92	3	750	Nb	10	-	-	3
Falmouth	1016.9	-1	-	0	b	53	92	7	-	-	-	-	-	3	1016.4	+1	-	0	ogp	56	92	4	-	Cu	9	-	-	3
Calshot (Hants)	1016.5	0	NE	2	w.3fe	55	97	3	-	-	-	-	-	3	1016.7	+1	NE	1	c.f	57	85	5	750	Sc	4	Cu	3	1
Lymington (Folkestone)	1016.5	0	NE	2	w.3fe	55	97	3	-	-	-	-	-	3	1016.0	0	NE	3	o.f	57	97	5	4500	Sc	1	As	9	3
Aberdeen	1024.6	0	NE	2	b	60	65	7	-	-	-	-	-	3	1024.6	0	NE	2	b.f	60	65	7	-	-	-	-	-	2
Howden	1019.7	0	NNE	2	o	54	92	6	2000	Sc	7	As	2	3	1019.6	0	NNE	3	c	58	85	7	5700	Sc	2	F.Cu	6	3
Cranwell (Lincs)	1019.9	0	ENE	1	o.f	54	92	5	3000	Sc	10	-	-	3	1018.6	0	NE	1	c	60	85	5	-	-	-	-	-	3
Felixstowe	1016.9	0	SE	3	c	62	75	7	2000	Cu	2	As	4	1	1016.5	+1	NE	3	c.f	58	92	6	-	-	-	-	-	3
Shoeburyness	1016.7	+1	SE	3	bc	64	65	7	-	-	-	-	-	3	1016.4	0	NE	1	o.f	61	85	6	4200	Sc	1	As	8	3
Benson	1014.9	0	SE	3	o.f	59	85	5	-	As	10	-	-	3	1016.5	0	NE	1	o.f	54	97	4	-	Nb	10	-	-	3
S. Farnborough	1015.2	0	ENE	3	o	68	75	7	2000	Nb	7	As	2	3	1016.8	0	NNE	2	o.f	54	97	3	750	Nb	10	-	-	3
London (Kew Obs.)	1015.6	0	SH	2	o.f	64	75	8	3000	As	9	As	1	3	1016.7	0	NE	1	o.f	57	97	3	3000	Sc	6	As	4	3
Croydon	1016.1	0	S	3	o.f	63	75	8	2000	As	8	As	2	3	1015.8	+1	SE	2	bc.f	66	65	7	3000	As	5	-	-	3
STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.																												
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETER. at M.S.L. mb.	TEMPERATURE.		WIND.		Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.		Sunshine Hours.									
			Direc.	Force 0-12.			Temp.	Change in 24 hours.	Direc.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.		Night.								
12H. G.M.T. of 14 th																				7H. G.M.T. of 15 th		24 HOURS ENDED 7H. 15 th				14 th		
Lerwick	102.48	58	-	0	b	102.70	0	57	+2	ENE	1	-	b	0	-	62	48	6	6	6	0							
Stornoway	1020.9	69	NE	5	b	1023.3	+1	60	0	ENE	2	-	b	1	-	73	53	6	6	6	15.9							
Castlebay (Barra)	1019.0	67	E	4	b	1020.9	0	59	0	E	4	-	bc	4	-	70	56	6	6	6	11.6							
Malin Head	1016.2	59	E	3	omr	1018.8	+2	54	+2	E	2	-	bc	1	4	56	51	6	6	6	0.0							
Blacksod Point	1013.3	61	NE	1	c	1015.1	+3	55	-1	SE	2	-	b	2	5	65	53	6	6	6	0.0							
Roche's Point	1014.3	58	SE	3	cu	1016.9	+1	58	+2	SE	3	-	c	3	63	61	56	6	6	6	0.0							
Birr Castle	1013.4	63	SE	1	c	1017.5	0	56	+6	SE	1	-	bc	1	-	68	49	6	6	6	6.2							
Donaghadee	1016.2	55	E	1	omr	1019.0	+1	54	+2	E	2	-	em	3	8	56	50	6	6	6	0.0							
Liverpool (Bidston)	1016.4	53	SH	2	cl	1019.4	+2	56	-1	ENE	2	-	o	2	19	64	54	6	6	6	1.1							
Holyhead	1015.7	58	-	0	or	1017.7	+1	56	-1	E	1	-	bz	0	10	64	51	6	6	6	5.0							
Pembroke (St. Ann's Head)	1015.3	57	E	1	bc	1017.6	+1	55	0	E	2	-	b	2	trace	60	50	6	6	6	10.7							
Selly (St. Mary's)	1014.7	59	SE	2	bc	1016.5	0	56	-1	SE	1	-	b	2	2	62	54	6	6	6	9.6							
Jersey (St. Aubin)	1015.1	66	SE	3	o	1015.9	+1	58	0	NE	3	-	o	3	0.2	67	56	6	6	6	8.0							
Portland Bill	1015.1	60	-	0	bc	1015.9	0	57	0	ENE	2	-	bc	2	-	62	52	6	6	6	0.0							
Dungeness	1015.9	60	ENE	3	b	1015.4	0	59	+1	ENE	3	-	c	3	1	64	45	6	6	6	0.0							
Wick	1024.6	54	ENE	2	b	1025.0	0	54	+1	NE	1	-	bm	1	-	56	48	6	6	6	0.0							
Nairn	1021.5	71	S	4	b	1021.7	0	56	-3	-	0	-	b	0	-	76	46	6	6	6	15.3							
Leith	1020.3	57	E	3	b	1022.4	0	57	+2	NE	2	-	b	2	-	60	51	6	6	6	0.0							
Tynemouth	1020.3	58	SE	3	bm	1021.6	+1	55	+1	N	1	-	bm	3	-	60	52	6	6	6	0.0							
Spurn Head	1014.9	56	ENE	5	cgm	1019.4	0	58	+3	ENE	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 7 A.M. G.M.T. Tuesday, 15th, June, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	NEly 2-10	Mod.	Dull, local mist & slight rain.	Poor	Slight
2. E. England	NNE-E 2-15	R. Warm	Fair to dull, local haze.	Indif	Smooth
3. E. Midlands	NE 0-5	"	Cloudy or dull, slight rain.	Poor	-
4. W. Midlands	NE-E 2-5	"	Dull, slight local rain.	Indif	-
5. S.W. England	ESE-SSE 0-5	Mod.	Variable sky, local showers	Poor	Smooth
6. South Wales	Ely 0-5	"	Fine.	Fair	"
7. North Wales	Ely 0-5	"	Fine, hazy.	Poor	Calm.
8. N.W. England	Ely 5-15	R. Warm	Fair to dull, local rain & mist.	Indif	Smooth
9. N. Midlands	NE-E 2-5	"	Cloudy.	"	-
10. N.E. England	N-E 2-15	"	Fine or fair, mist or haze.	Var.	Slight
11. E. Scotland	NE-E 0-5	Warm.	Fine slight local haze.	Good	Smooth
12. S.W. Scotland	Ely 5-20	"	Fair local mist.	Fair	"
13. Isle of Man	E 2-10	Mod.	Variable sky.	"	"
14. N. & N.W. Scotland	NE-E 0-10	Warm.	Fair or fine, local mist.	Indif.	"
15. Hebrides	E 5-15	V. Warm.	Fair or fine.	Fair.	Slight
16. Orkneys and Shetlands	NW 2.	"	Fine.	"	Calm.
17. N.W. Ireland	SE-E 5-10	Mod.	Fine.	"	Smooth
18. N.E. Ireland	E 5.	"	Fair to cloudy, misty.	Poor	"
19. S.E. Ireland	SE 2-5.	"	Fair or cloudy.	Indif	"
20. S.W. Ireland	SE-E 10.	"	Cloudy.	Good	"



GENERAL INFERENCE from observations received up to 9h GMT.

Pressure continues high to Northward of the British Isles and a fresh low is developing over France. Winds will be from an Easterly point and weather will continue unsettled over the Southern districts. The thundery tendency is likely to be maintained.

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

Districts.	Forecasts for the 24 hours commencing 3 p.m. 15h GMT. Tuesday, 15th June, 1920.
1. S.E. England	Winds from near East, light or moderate; cloudy some showers, thunder locally; visibility mainly good but local mist; moderate temperature.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	Wind Easterly light or moderate; fair generally but local showers, tendency for thunder; visibility good; moderate temperature.
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Wind Easterly, light or moderate, fair or fine generally; visibility good; rather warm.
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

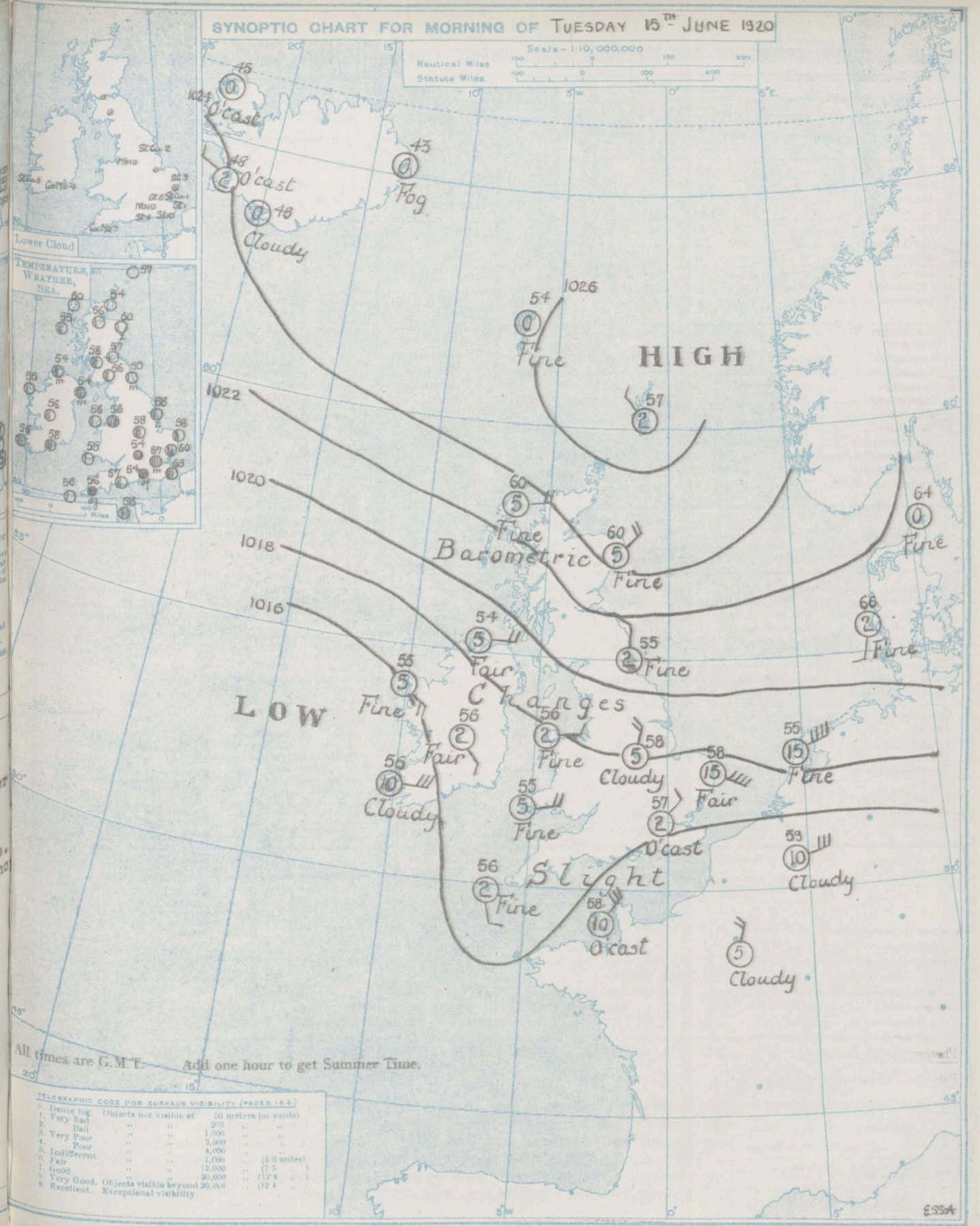
Mainly fine over Scotland and North Ireland. Unsettled in other districts. thundery tendency continuing.

Same as for 1 - 7.

SYNOPTIC CHART FOR MORNING OF TUESDAY 15TH JUNE 1920

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

Lower Cloud
TEMPERATURE
WEATHER
SEA.
ION.
are drawn for
are shown by arrow
force, on the scale
the number in
is shown in small
circles, in degrees F.
ky & clouded
sky & clouded
rain falling
fog = " with
humidiform
High
look.



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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 1 & 2)

Code	Description	Visibility (metres)	Visibility (miles)
0	Dense fog. Objects not visible at 50 metres (or yards)	< 50	< 0.1
1	Very Bad	50 - 100	0.1 - 0.2
2	Bad	100 - 200	0.2 - 0.3
3	Very Poor	200 - 500	0.3 - 0.5
4	Poor	500 - 1,000	0.5 - 1.0
5	Indifferent	1,000 - 2,000	1.0 - 2.0
6	Fair	2,000 - 5,000	2.0 - 5.0
7	Good	5,000 - 10,000	5.0 - 10.0
8	Very Good. Objects visible beyond 20,000	> 20,000	> 12.4
9	Excellent. Exceptional visibility	> 20,000	> 12.4

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 167.

TUESDAY,
15th JUNE, 1920.

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 Sun- set.			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sun- set.
Scotland.	Oban	c.b.c.b	b	75	56	-	-	7.3	?	England, N.W.	Douglas (I.O.M.)	-	-	58	53	4	3	0.0	?
	Banff	b	b	70	43	-	-	12.8	15.1		Blackpool	o.r.c	o.r.c	63	56	10	1	0.0	1.0
	Montrose	b	b	59	50	-	-	11.8	?		Southport	a.o	o.r.c	63	52	6	2	0.1	0.5
	St. Andrews	-	-	60	43	-	-	11.4	?										
England, N.E.	Harrogate	o.c.p	o.c.p	61	51	6	0.2	0.0	0.2	Midlands.	Buxton	r.r.c.c	b.c.c.b	59	53	11	6	0.3	?
	Scarborough	b	b	61	52	-	-	5.0	?		Leamington Spa	c	c.b.o.c.c	69	50	-	5	6.1	6.2
	Skegness	r.o	o	60	55	6	1	0.3	?		Malvern	b.c	b.c.c.b	69	49	-	1	5.2	?
	Lowestoft	o.r.m	o.c.o	62	55	8	2	0.5	0.0		Ross-on-Wye	b.c.c.r	r.c.c.b.c	69	46	-	2	3.4	3.5
England, E.	Felixstowe	b.c.3	c.g	64	60	5	-	5.3	1.9	Wales.	Bath	o.c.b.c.b	r.c.b.c.b	69	49	-	1	6.3	4.7
	Southend-on-Sea	b	b.c.c	69	49	-	-	7.8	1.0		Rhyl	c.b.c	b.c.c.o	67	55	5	-	3.3	4.8
											Colwyn Bay	*	*	64	56	-	-	3.9	5.8
											Llandudno	c.b.c	c.o	63	54	-	-	4.8	6.1
England, S.E.	Tunbridge Wells	c.b.c.b	o.p.c.b	67	47	-	0.3	5.2	1.5	England, S.W.	Aberystwyth	c.b.b	c.r.r	68	59	1	5	7.0	?
	Margate	-	-	64	52	1	-	5.9	0.6		Swansea	-	-	67	49	-	-	10.4	?
	Ramsgate	-	-	64	52	1	-	6.5	?		Weymouth	b	b	66	52	0.2	-	11.0	?
	Folkestone	b.c	b.c.c	68	51	-	-	6.8	0.0		Teignmouth	b	b	65	56	-	-	10.0	?
	Hastings	b.c	b.c.b	64	52	-	-	8.7	1.9		Torquay	b	b	63	55	-	-	11.3	10.8
	Eastbourne	b.c	b.c	63	52	-	-	10.5	2.7		Paignton	b.c	b	64	52	-	-	11.1	?
	Brighton	b.c.b	b	63	54	-	-	8.5	3.0		Penzance	c.b.c	b	63	55	-	-	10.0	8.0
	Worthing	b	b	66	53	-	-	10.0	2.6		Newquay	-	-	63	47	-	-	10.3	10.0
	Littlehampton	b.c	b.c	66	51	-	-	10.3	2.5		Bude	c.b.c	b.c.b.b.c	65	47	0.4	-	9.6	13.2
	Portsmouth (S. thea)	-	-	65	53	-	-	8.8	4.3		Ilfracombe	-	-	-	-	-	-	-	-
	Bournemouth	-	-	65	48	-	-	10.0	5.5		Weston-s-Mare	b.c.t	b.u.b	69	50	2	-	7.0	4.0
	Ventnor (I. of W.)	-	-	63	54	-	-	9.8	5.8		Tenby (Wales)	c.b.c	b.c	66	54	-	-	8.5	?

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.		
STATIONS.		WEATHER.		Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	RAINFALL.		Sun. Hours			No.	Limits of Velocity at about 30 feet above ground.	
		7h-13h	13h-18h				7h-13h	13h-18h					Day. 7h-13h	Night. 13h-7h
Renfrew	bc.c3	bc.c3	bccz	71	51	44	-	-	4.6	0	Less than 1	Less than 0.3		
Eskdalemuir ...	c.o.g	b.b.c.g	bccg.b bbc	68	46	41	-	-	8.6	1	1-3	0.3-1.5		
Valencia (Cahreiveen) ...	c.o.p	b.c.b.c	bccz	65	52	49	1	-	8.5	2	4-7	1.6-3.8		
Baldonnel ...	3f.c.c	c.o.f	oz 3f	64	44	=	-	-	7.2	3	8-12	5.4-5.4		
Didsbury ...	3f.R.R.	R.c	o.v.tlr ORRg.r	64	54	50	6	6	4	4	13-18	5.5-7.9		
Falmouth ...	b.b.c	b.b.o.f	b.c.c.c c	63	54	52	-	-	11.4	5	19-24	8.0-10.7		
Calshot (Hants) ...	c.a.b.c.c	b.b.c.v	b.b.c.b b.b.c.3f	67	50	48	-	-	11.1	6	25-31	10.8-13.6		
Lympne (Folkestone) ...	c.o	c.o	3f.c.3f.c.o 3f.c.p.r.?	67	54	35	-	1	9.7	7	32-38	11.9-17.1		
Aberdeen ...	1.f.b	b.f	w.3f.b.c.1f	63	45	41	-	-	16.2	8	39-46	17.2-20.7		
Howden ...	p.d.o.f	n.d	P2 o c.o	60	53	48	4	10	0.1	9	47-64	20.8-24.4		
Cranwell (Lincs) ...	o.f.r.r	r.c	tlr. o p.c.o	62	54	*	3	1	0.4	10	55-63	24.5-28.4		
Felixstowe ...	b.c.3	c.o.c	c.o.r	64	55	*	7	9	*	11	64-75	25.5-33.5		
Shoeburyness ...	b.b.c	b.b.c	p.2f.b.c.c.o	65	54	49	-	1	7.4	12	Above 75	33.6 or above		
Benson ...	tlr	b.b.c	o.r.r	69	44	41	2	0.4	*					
S. Farnborough ...	c.o.b.c.c	c.o.b.c.c	b.b.c.c.o.r.r	71	45	39	-	0.1	10.3					
London (Kew Obs.) ...	o.f.c	o.f.c	3f.r.r. o.3f	70	54	45	2	2	4.5					
Croydon ...	a.o.b.	o.f.p.c.c	b.c.c.3f.o.3f	70	52	*	1	2	*					

SYMBOLS—
Aurora ☆ Solar halo ⊙
Rime | Lunar halo ⊖
Glazed frost ~ Solar corona ⊕
Glazed roads ~ Lunar corona ⊗

LONDON OBSERVATIONS.								SOUTH KENSINGTON (Meteorological Office).			TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.							
WEATHER.		Max. Temp. °F.		Min. Temp. °F.		Min. on Grass °F.		Rain-fall. mm.		Sun-shine to Sun-set. Hours.		Humidity %						
Morning.	Afternoon.	Night.									15 h. G.M.T.	9 h. G.M.T.						
24 HOURS ENDED 9H G.M.T. 15 th JUNE 1920.											YESTERDAY.		TO-DAY.		15 th JUNE 1920.			
															Vertical Component of Solar Radiation per Square Centimetre during yesterday.			
															Stations. Sunrise. Noon. Sunset.			
															G.M.T. G.M.T. G.M.T.			
Greenwich (Royal Observatory)	c	to P. r. t. @	b. o. b. c	73	51	41	4	7.5	74	81	Yarmouth ... { 331 11.53 2.15							
City (Bunhill Row) ...	*	*	*	*	*	*	*	4.9	*	*	Greenwich { 331 11.53 2.15							
Westminster (St. James's Park)	*	*	*	72	55	47	5	5.2	61	77	Wick ... { 3.7 12.12 9.17							
Admiralty Arch	b. c. z	o. p. t. z	c. t. r. h. b. c	73	55	*	4	5.3	70	88	Valencia ... { 4.22 12.41 9.0							
Camden Sq. (British Rainfall)	c. o	o. t. r. o	*	75	53	49	6	*	94	78								
Kensington Palace ...	o. c. o. t	p. t. o. r	*	71	53	48	9	*	93 (18h)	84								
Hampstead Observatory ...	*	*	*	68	52	*	4	5.6	*	88								
											Total ... 1356 Joules.		Average Rate. 12.7					
											Milliwatts.		Maximum Rate. 83					

Photographic Record of

NOTES ON THE WEATHER OF YESTERDAY.

Pole Star (Polaris) and of 8 Ursae

Minoris at Greenwich Observatory.

Exposure from 14^h 21^m to 15^h 2^m 30^m.

Stars.	Duration of Exposure.	Duration of Record.	%
Polaris	5.0	3.11	64
8 Ursae	5.0	3.2	61
Minoris	5.0	3.2	61

Thunderstorms were again reported in many localities, accompanied in some cases by heavy rain, 24 mm being measured at Nottingham and 19 mm at Liverpool. Weather continued fine in Scotland, as much as 16 hours of sunshine being enjoyed at Aberdeen Nairn and Stornaway. Temperature was generally somewhat higher than of late, 76° being reached at Nairn and 75° at Oban.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.21.791

...Wednesday, 16th June...1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 15H.																												
STATIONS.	BAROM.	Change in 3 hours.	WIND.		Weather.	TEMP.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea.	BAROM.	Change in 3 hours.	WIND.		Weather.	TEMP.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea.
	at M.S.L.		Dir.	Force 0-12.		°F.				Feet.	Form.	Amt. 0-10.	Form.		Amt. 0-10.		0-9.	at M.S.L.		Dir.				Force 0-12.	°F.	Feet.	Form.		Amt. 0-10.	Form.	Amt. 0-10.	0-9.
12H. G.M.T. 15 th													18H. G.M.T. OF 16 th															
Renfrew	1020.3	-1	ENE	3	C3	70	55	7	4200	Fr. Cu	2	CU	5	*	1019.2	-2	ENE	4	bcy3	67	45	7	4200	Fr. Cu	1	CU	4	*
Eskdalemuir	1021.2	0	ESE	5	bc	69	45	7	-	CU	1	CU	5	*	1019.3	-2	ESE	5	bcy	65	45	7	-	CU	1	CU	4	*
Valencia (Cahire'n)	1018.8	0	S	5	bc	64	65	8	4200	CU	4	A. Cu	1	3	1014.6	-1	S	4	b	62	75	8	4200	CU	2	A. Cu	1	3
Baldonnel	1017.6	-2	E	4	Cy	65	65	6	4200	Sc. Cu	5	A. Sc	3	*	1016.8	-1	E	4	b1f	60	85	6	-	-	-	-	-	*
Didsbury	1017.5	-1	SE	5	bc	71	45	7	4200	CU	1	CU	3	*	1016.8	-1	E	6	cy	66	35	9	5700	Sc. Cu	1	CU	6	*
Falmouth	1016.5	-1	SE	1	C	64	55	7	-	-	-	A. Cu	8	*	1016.3	-1	SSE	2	bc2f	62	65	6	-	Sc. Cu	5	-	-	*
Calshot (Hants)	1016.0	0	NW	1	cy2f	62	85	8	1200	Sc. Cu	7	A. Sc	3	2	1014.3	-1	NW	3	bc	65	85	6	2000	Sc. Cu	1	A. Cu	3	2
Lymington (Folkestone)	1015.1	-1	NNE	5	C	66	65	8	5700	Sc. Cu	2	CU	5	*	1014.8	-1	E	4	cy	66	65	7	4200	Sc. Cu	3	A. Cu	4	*
Aberdeen	1022.1	-1	ENE	2	b	65	55	8	-	-	-	-	-	2	1022.4	-2	ENE	2	b	60	65	8	-	-	-	-	-	2
Howden	1018.7	0	RNE	5	Cy	70	55	9	5700	CU	2	Fr. Cu	4	*	1018.8	-1	NE	4	bcy	64	55	9	-	-	-	A. Cu	3	*
Cranwell (Lincs)	1018.8	+1	ENE	3	0	66	55	8	-	-	-	-	-	*	1018.0	0	ENE	4	C	61	75	8	-	-	-	CU	7	*
Felixstowe	1017.5	0	RNE	4	b	63	75	8	-	-	-	CU	2	*	1016.3	-1	NE	4	b	62	75	8	-	-	-	CU	3	*
Shoeburyness	1016.7	0	NNE	4	b	66	63	7	-	-	-	A. Sc	3	*	1015.6	-2	NE	4	bc	64	75	7	-	CU	1	CU	3	*
Benson	1015.3	0	NNE	1	0	67	75	4	-	CU	9	-	-	*	1014.7	-1	ENE	2	b	68	55	7	-	CU	2	-	-	*
S. Farnborough	1016.2	0	SSE	2	cy	67	65	6	1250	Nb	4	A. Sc	1	*	1014.7	0	E	3	cy	68	55	6	3000	Sc. Cu	5	A. Cu	4	*
London (New Obs.)	1013.8	-2	E	4	Cy	70	55	5	4200	CU	7	C. Sc	1	*	1014.9	-1	E	4	cy	70	45	8	-	-	-	A. Cu	3	*
Croydon	1016.0	-1	NE	3	cyf	70	55	7	3000	Sc. Cu	6	A. Sc	3	*	1015.0	-1	NE	3	b	67	65	8	4200	Sc. Cu	1	A. Sc	6	*
7H. G.M.T. OF 16 th													7H. G.M.T. OF 16 th															
Renfrew	1019.9	-1	ENE	3	C	49	85	7	-	-	-	C. Sc	7	*	1018.1	-1	ENE	3	cyf	54	85	4	1250	Sc	2	A. Cu	7	*
Eskdalemuir	1014.1	0	NNE	2	bcu	53	-	-	-	-	-	-	-	0	1017.8	-1	ENE	4	bc	58	65	7	-	-	-	CU	6	*
Valencia (Cahire'n)	1015.6	-1	ESE	3	cy	64	97	3	1250	Nb	10	-	-	*	1013.2	0	E	1	bcu	52	92	8	4200	Sc. Cu	3	A. Cu	2	2
Baldonnel	1015.6	-1	ESE	3	cy	64	97	3	1250	Nb	10	-	-	*	1014.4	-1	E	2	cyf	54	97	3	1250	Nb	10	-	-	*
Didsbury	1013.8	-2	SSE	1	b	51	92	6	-	-	-	-	-	*	1012.5	-2	-	0	cyf	55	85	3	750	Sc	10	-	-	*
Falmouth	1013.6	-1	N	2	Cy	59	85	6	2000	Sc. Cu	7	-	-	2	1011.5	-2	SSE	1	bcyf	58	85	5	-	-	-	A. Cu	5	*
Calshot (Hants)	1013.6	-1	N	2	Cy	59	85	6	2000	Sc. Cu	7	-	-	2	1012.5	-1	E	2	cyf	61	85	5	2,000	Sc. Cu	2	A. Cu	2	1
Lymington (Folkestone)	1014.0	-2	ENE	2	b	57	85	7	-	-	-	A. Sc	3	*	1013.2	0	ESE	3	Cy	60	85	7	-	-	-	C. Sc	8	*
Aberdeen	1016.3	-2	NNE	3	bc	49	92	7	4200	Sc. Cu	2	A. Sc	2	*	1014.5	-1	NNE	2	cyf	55	92	6	-	Sc	10	-	-	2
Howden	1019.4	0	NE	2	C	51	85	5	3000	Sc	5	C. Sc	3	*	1016.4	0	NNE	2	bc	59	85	8	4200	Sc. Cu	2	A. Cu	3	*
Cranwell (Lincs)	1019.4	0	NE	2	C	51	85	5	3000	Sc	5	C. Sc	3	*	1016.4	0	NNE	2	bc	59	85	7	5700	CU	1	C. Sc	4	*
Felixstowe	1019.4	0	NE	2	C	51	85	5	3000	Sc	5	C. Sc	3	*	1016.4	0	NNE	2	bc	59	85	6	-	-	-	C. Sc	7	2
Shoeburyness	1019.4	0	NE	2	C	51	85	5	3000	Sc	5	C. Sc	3	*	1016.4	0	NE	2	bc	63	85	6	-	Sc. Cu	1	A. Cu	5	*
Benson	1019.4	0	NE	2	C	51	85	5	3000	Sc	5	C. Sc	3	*	1016.4	0	NE	2	bc	63	85	6	-	CU	6	-	-	*
S. Farnborough	1019.4	0	NE	2	C	51	85	5	3000	Sc	5	C. Sc	3	*	1016.4	0	NE	2	bc	63	85	6	-	CU	6	-	-	*
London (New Obs.)	1014.2	-2	-	-	-	-	-	-	-	-	-	-	-	*	1013.0	0	E	2	0	59	85	5	1250	Sc. Cu	9	A. Sc	1	*
Croydon	1015.0	-3	ENE	2	bcyf	57	85	6	-	-	-	A. Sc	5	*	1013.1	0	E	3	bcyf	63	75	4	-	-	-	A. Cu	3	*
STATIONS CONTRIBUTING REPORTS AT 7H. AND 15H.																												
STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dir.	Upper Cloud.	Weather.	Sea.	Rainfall	TEMP.		WEATHER.			Sunshine						
	at M.S.L.		°F.	Dir.		Force 0-12.	at M.S.L.	Change in 3 hours.	Temp.	Change to 24 hours.	Dir.						Force 0-12.	Max. °F.	Min. °F.	Morning.	Afternoon.		Night.	Hours.				
7H. G.M.T. OF 15 th													7H. G.M.T. OF 16 th															
Lerwick	1022.8	58	N	1	b	1022.3	-3	47	-10	N	2	-	f	1	-	-	63	46	b	b	f	*						
Stornoway	1018.2	62	NE	2	b	1018.3	-1	63	+3	E	1	-	b	1	-	-	69	52	b	b	b	15.9						
Castlebay (Barra)	1019.5	65	NNW	1	bc	1017.2	-1	61	+2	E	3	E	bc	2	-	-	67	56	bc. om	om. bc	bc. bc	9.9						
Malin Head	1014.0	56	E	2	cm	1013.2	0	56	+2	E	2	E	bc	1	-	-	59	52	bcu	bcu	b. bcu	15.3						
Blackod Point	1010.8	55	-	0	om	1013.2	0	55	0	E	1	E	bcu	2	q	-	65	53	bc	cp	cp. cm	*						
Roche's Point	1016.5	59	S	1	b	1013.8	-1	56	-2	NNE	1	-	0	2	Trace	-	61	51	C. bc	bc. b	b. om	*						
Birt Castle	1014.9	66	SE	1	C	1012.9	-	55	-1	SE	1	-	C	-	-	-	69	50	C	C	C	6.8						
Donaghadee	1017.1	58	NE	1	bcu	1015.5	0	52	-1	ESE	1	-	bcu	2	1	-	62	50	cmf	bcuf	bcu	*						
Liverpool (Bilston)	1016.0	66	E	3	0	1014.7	-1	55	-1	E	1	E	0	2	-	-	70	51	0. bcu	bcu. 0	om	2.5						
Holyhead	1016.6	56	E	2	cyf	1013.8	0	55	-1	E	4	-	cyf	2	6	-	64	53	bc. cog	cyf. pm	om. cyf	6.3						
Pembroke (St. Ann's Head)	1015.7	65	-	0	b	1012.7	-1	56	+1	ENE	1	E	C	0	-	-	66	54	b	b	b. bc. c.	13.0						
Scilly (St. Mary's)	1016.1	60	-	0	b	1011.4	-2	56	0	SSE	1	S	C	2	-	-	64	51	0. bc	bc. cy	bc	11.7						
Jersey (St. Aubin)	1014.9	63	NR	3	b	1012.0	-1	58	0	E	3	-	0	2	-	-	67	57	op. b	b	b. 0.	9.0						
Portland Bill	1015.1	59	-	0	om	1012.5	-3	60	+3	E	3	-	bc	2	-	-	65	53	bcu	bc. om	0. bc	*						
Dungeness	1014.1	62	NR	4	b	1012.8	0	60	+1	E	2	-	b	2	-	-	66	49	C. bc	C. bc	bc. bc	*						
Wick	1022.8	55	NNE	1	bcu	1014.9	-2	54	-0	NNE	1	-	b	1	-	-	57	48	bcu	bcu	bcu	*						
Nairn	1020.9	62	ENE	3	b	1019.0	-	53	-3	-	0	-	bcu	0	-	-	68	46	bcu	bcu	b. bcu	15.3						
Leith	1020.2	61	E	2	b	1018.8	0	53	-4	NE	2	-	0	2	-	-	62	51	b. b.	b	b. b. m.	*						
Tynemouth	1020.5	62	E	2	bcu	1018.3	0	55	0	N	2	-	bc	2	-	-	63	50	bcu	bcu	bcu	*						
Spurn Head	1018.9	57	E	5	bc	1015.9	-3	58	0	ESE	4	-	bz	3	-	-	62	50	bcz. bc	bc	C	*						
Yarmouth (New Light)	1016.9	60	E	4	bc	1015.2	0	59	+2	SE	4	-	bc	3	-	-	62	56	bc	bc	bc.	12.7						
Clacton-on-Sea	1015.9	64	ENE	4	bc	1014.2	0	61	+1	ESE	3	NW	Cz	2	-	-	66	59	C. bz	bcz	Cz	11.9						
Nottingham	101																											

* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

§ For code see page 3.

SUMMARY OF CONDITIONS AT 7 ^{h.m.}_{a.m.} G.M.T. Wednesday, 16th June, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	ESE 5-15	Warm	Mostly fair, local haze.	Fair	Smooth.
2. E. England	NR-SE 10-20	"	Fair.	Good	Slight.
3. E. Midlands	NE 5-15	R. Warm	Fair.	"	-
4. W. Midlands	Calm	Normal	Foggy.	V. Poor	-
5. S.W. England	SSE 0-5	"	Fair, misty.	Indiff.	V. Smooth
6. South Wales	ENE 0-5	Warm	Dull.	Fair	Calm.
7. North Wales	E 15-20	Normal	Dull, showery, gloomy.	Poor	Smooth.
8. N.W. England	Calm	"	Misty, local fog.	V. Poor	"
9. N. Midlands	NNE 0-5	"	Fair.	Fair	-
10. N.E. England	NNE 5-10	R. Warm	Fair, local mist.	V. Good	Slight.
11. E. Scotland	NNE 0-5	Normal	Mostly fine, local fog &	Fair	Smooth.
12. S.W. Scotland	ENE 15-20	Warm	Fair. (mist.	Good	"
13. Isle of Man	SE 5-10	Normal	Fair, misty.	Fair	"
14. N. & N.W. Scotland	ENE 10-15	Warm	Fine.	"	"
15. Hebrides	E 0-10	V. Warm	Fine.	Good	V. Smooth
16. Orkneys and Shetlands	N 5-10	Normal	Foggy.	V. Poor	"
17. N.W. Ireland	E 0-5	"	Fair, misty.	Fair	Smooth.
18. N.E. Ireland	ESE 0-5	"	Fair, misty.	"	"
19. S.E. Ireland	NNE 0-5	"	Dull.	Poor	"
20. S.W. Ireland	E 0-5	R. Cool	Fair.	V. Good	"



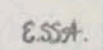
GENERAL INFERENCE from observations received up to 9h. G.M.T.

The depression to Southward of the British Isles is increasing in intensity and a continuance of unsettled thundery conditions is probable over the Southern half of the Kingdom. In the North weather will probably remain fine for another day or two.

EXPLANATION.
BAROMETRIC.—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. Feathers. Mean velocity is shown in miles per hour by figures in small circles.
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS.—
 ☉ clear sky. ☁ sky $\frac{1}{2}$ clouded. ☂ sky $\frac{3}{4}$ clouded.
 ☉ overcast sky. ☂ rain fall.
 * snow. * hail. ☉ fog $\frac{1}{2}$ or more.
 T thunder. T squall storm.
SEA DISTURBANCE.—
 Rough. High

Districts.	Forecasts for the 24 hours commencing 3.15h. G.M.T. Wednesday, 16th June, 1920.	Further Outlook.
1. S.E. England	Easterly winds, light or moderate; varying fair to overcast, some showers, local thunderstorms, visibility fair to good; moderate temperature.	Unsettled with local thunderstorms over England and South Ireland; mainly fine in Scotland and North Ireland.
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	Light Easterly winds; mainly fair but risk of local thunder, visibility good; rather warm.	
10. N.E. England		
11. E. Scotland	Light Easterly winds; fair generally, visibility mainly good but some morning mist; rather warm.	
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	Light E. or N.E. wind; cloudy, some showers, risk of thunder, visibility mainly good; rather warm.	
20. S.W. Ireland		

10/8 20 15 Scale - 1:10,000,000



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 168.

Wednesday
16th June

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 15 th June																				
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 ...									England, N.W.	Douglas (I.O.M.)	-	-	67	52	-	-	5.6	0.0	
	Banff ...										Blackpool ...	o.c.		72	54	1	-	6.4	0.2	
	Montrose ...	b	b	61	41	-	-	12.1	13.9		Southport ...	o.c. bc	c. bc	72	52	1	-	6.0	0.1	
	St. Andrews ...	b	b	60	41	-	-	12.6	14.4											
England, E. & N.E.	Harrogate ...	b	b	68	49	2	-	10.1	6.0	Midlands.	Buxton ...	o.c. bc	b	67	51	9	15	8.5	0.6	
	Scarborough ...	b	b	68	56	-	-	11.4	5.4		Leamington Spa ...	c. bc	c. b. o.c.	71	52	1	1	3.5	6.1	
	Skegness ...	bc. b	b	67	56	2	-	11.5	0.8		Malvern ...	o.c.	c. o.c. l.r.	70	51	0.1	9	-	5.2	
	Lowestoft ...	o. bc	bc	64	56	3	-	9.9	0.5		Ross-on-Wye ...	o.c.	c. bc. o	66	48	2	3	4.1	5.1	
England, E.	Felixstowe ...	bc	bc	63	56	1	-	9.7	5.3	Wales.	Bath ...	m. cc	r. o. c.	64	44	-	1	0.3	8.5	
	Southend-on-Sea ...	op. bc	b	69	49	0.1	-	9.0	7.8		Rhyl ...	c. bc	?	67	47	3	-	-	-	
											Colwyn Bay ...			65	50	4	-	4.8	3.9	
											Llandudno ...	c	o	65	49	4	-	4.3	4.8	
England, S.E.											Aberystwyth ...	c. bc	o. o	66	58	-	2	3.0	7.0	
	Tunbridge Wells ...	o. c	b. bz	70	50	1	-	4.0	7.3	Swansea ...			63	51	-	2	4.7	12.4		
	Margate ...	o. bc. b	b	64	57	1	-	7.6	5.9	Weymouth ...	b. bc	o. p. o	73	49	-	2	5.0	13.6		
	Ramsgate ...			64	55	2	-	9.0	0.5	Teignmouth ...	b	b	70	51	-	-	9.8	12.5		
	Folkestone ...	o. o	bc. b	70	56	1	-	6.8	7.5	Torquay ...	by. bc. b	b	70	52	-	-	9.4	13.7		
	Hastings ...	op. o	o. b. m. g.	69	53	2	0.2	3.7	11.4	Paignton ...	bc. b	bc	71	50	-	-	9.2	13.4		
	Eastbourne ...	o	c. bc	69	53	1	-	3.3	13.1	Penzance ...	c. o. bc	c. bc	65	54	-	-	4.4	12.0		
	Brighton ...	o	o. o	72	53	1	-	2.2	10.7	Newquay ...	bc	bc	61	52	-	-	8.5	12.9		
	Worthing ...	o	bc	71	52	-	-	1.9	12.9	Bude ...	bc. c	bc	66	46	-	-	7.5	12.0		
	Littlehampton ...									Ilfracombe ...	b. bc	c. o. t.	65	50	0.3	-	8.8	?		
	Portsmouth (S. Sea) ...	o	bc. p	67	51	-	1	2.5	11.4	Weston-s-Mare ...	m. o. bc	bc. c	66	48	-	-	7.9	9.4		
	Bournemouth ...			67	47	-	2	6.0	12.5	Tenby (Wales) ...	b	bc	70	46	-	-	9.7	9.1		
Ventnor (I. of W.) ...			66	52	-	-	6.1	11.9												

SUMMARIES FOR LAST 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.	Limits of Velocity at about 30 feet above ground.		
		7h-12h.	12h-18h.	18h-7h.	7h-7h.				Day. 7h-18h.	Night. 18h-7h.				
											b	blue sky (not more than a quarter covered).	Used only for surface observations.	
											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:— B = heavy rain. rr = continuous moderate rain. rrr = continuous light rain.			

Ranfurrow	bc. c	bc. c	b. bc. z	o. f. w.	72	50	43	-	-	11.4
Eskdalemuir	o. bc. c	b. bc.	b. bc. bc.	bc. c.	70	43	35	-	-	15.2
Valencia (Cahirciveen)	bc. c	b. bc.	b. bc. bc.	b. bc. w.	65	45	41	-	-	9.4
Baldonnell	bc. c	bc. c	o. f. rr.	z. f. d. d.	75	50	-	-	1	7.3
Didsbury	o. f. bc.	bc. c	c. o. v.	z. f. p.	72	49	43	-	Trace	8
Falmouth	o. c. o.	bc. c	b. bc. b.	b. bc. c.	66	49	41	-	-	6.9
Calshot (Hants)	o. f. p.	o. f. o. f. p.	b. bc. f. bc.	c. o. f.	66	56	49	-	-	3.3
Lympne (Folkestone)	o. f. o. f. p.	o. f. bc.	b. bc. p. f.	z. f. bc.	67	53	48	-	4.1	8.0
Aberdeen	b. f.	b.	b. f. f.	z. f. o. f.	66	48	44	-	-	16.0
Howden	3. bc. c.	g. 3.	o. bc. c.	w. b. bc.	70	49	42	-	-	12.4
Cranwell (Lincs)	bc. c.	bc. c.	b. bc. bc.	b. bc. c.	66	49	-	-	-	12.8
Felixstowe	bc. b. bc.	b. bc. v.	b. bc.	bc. c. b. bc.	64	56	-	-	-	4
Shoeburyness	o. o. bc.	b. bc.	bc. c.	b. bc. c. o.	68	53	46	-	-	10.4
Benson	TLRH. bc.	c.	bc. c.	bc. c.	71	52	44	-	-	4
S. Farnborough	o. f. p.	o. f. bc.	bc. c. b. bc.	bc. c. o. f.	71	49	42	-	-	4.9
London (Kew Obs.)	o. f. p.	3. bc. c.	b. bc. b. bc.	bc. c. w. f.	72	57	50	-	Trace	6.9
Croydon	o. f. o. f.	o. f. b. bc.	b. bc. f.	bc. c. y.	71	53	-	-	-	4

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. in.	Sun-shine in Shaded Hours.	Humidity %.									
										10 A.M. G.M.T.	9 P.M. G.M.T.							
24 HOURS ENDED 9h G.M.T. 16 th										YESTERDAY.		TO-DAY.		10 th & 11 th June 1920.				
												Vertical Component of Solar Radiation per Square Centimetre during yesterday		Stations:		Sunrise.	Noon.	Sunset.
														Yarmouth...		G.M.T.	G.M.T.	G.M.T.
														Greenwich		3.31	11.53	8.16
														Wick		3.31	11.54	8.16
														Valencia		3.31	11.54	8.16
														Wick		3.31	11.54	8.16
														Wick		3.31	11.54	8.16
														Wick		3.31	11.54	8.16
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														Wick		3.31	11.54	8.16
														Wick		3.31	11.54	8.16
														Wick		3.31	11.54	8.16
														Wick		3.31	11.54	8.16
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														Wick		3.31	11.54	8.16
														Wick		3.31	11.54	8.16
														Wick		3.31	11.54	8.16
														Wick		3.31	11.54	8.16

Photographic Record of

Pole Star (Polaris) and of δ Ursae

Minoris at Greenwich Observatory.

Exposure from 21.30 to 22.30 m

Stars.	Duration of Exposure.	Duration of Record.	%
Polaris	5.0	2.10	43
δ Ursae	5.0	1.30	30
Minoris			

NOTES ON THE WEATHER OF YESTERDAY.

Weather continued fine in the North, the Scottish stations again reporting 15 to 16 hours of sunshine. There were local thunderstorms in the South, 11 mm. of rain and hail falling during a severe storm at Benson. Temperature rose to above 70° in many districts, reaching 75° at Baldonnell.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.2,392

THURSDAY, 17TH JUNE.....1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 11H, 7H, 13H AND 15H.																												
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 16 TH														18H. G.M.T. OF 16 TH														
Renfrew	1016.3	-2	NE	3	63	67	55	7	4200	Sc	3	A.cu	5	*	1015.6	-1	E	3	bc	66	65	6	7200	Sc	4	A.cu	2	*
Eskaidealmuir	1016.3	-1	ENE	3	67	67	55	7	5700	Sc	8	-	-	*	1015.4	0	ESE	4	bc	66	75	7	-	Sc	4	A.cu	2	*
Valencia (Cahire'n)	1013.2	0	NNW	2	60	60	75	8	4200	Sc	4	A.cu	2	2	1012.8	-1	NW	3	bc	62	75	8	4200	Sc	3	A.cu	2	2
Baldonnel	1013.6	-2	ENE	2	59	65	4	750	Sc	10	-	-	-	*	1012.1	-1	NE	2	bif	64	65	6	-	-	-	-	-	*
Didsbury	1013.6	-2	E	4	68	65	5	4200	Sc	8	A.cu	1	-	*	1013.2	0	E	4	TLR	60	92	4	750	Nb	5	A.cu	5	*
Falmouth	1011.0	0	ESE	3	63	75	6	-	Sc	10	-	-	-	*	1010.6	-1	ENE	2	ome	59	92	5	-	Sc	9	-	-	*
Calshot (Hants)	1011.7	-1	ESE	3	63	65	6	5000	Sc	1	A.cu	7	4	*	1011.1	0	ESE	4	oif	63	85	7	5700	Sc	5	A.cu	5	4
Lymington (Folkestone)	1013.0	-1	ESE	3	67	65	8	2000	Sc	2	A.cu	6	-	*	1012.1	-1	ENE	2	oif	66	75	7	3000	Sc	1	A.cu	7	*
Aberdeen	1019.4	0	RSE	2	3fe	57	85	3	-	-	-	-	2	1019.0	-1	ESE	2	3fe	52	92	3	-	Sc	3	Ci	1	2	
Howden	1015.0	-1	ENE	3	63	72	55	7	4200	Sc	2	A.cu	3	*	1014.4	0	NE	4	cg	60	65	7	4200	Sc	3	A.cu	5	*
Cranwell (Lincs)	1014.2	-2	ENE	5	60	73	55	7	5700	Sc	2	A.cu	4	*	1013.7	0	ENE	4	bc	67	65	6	4200	Sc	1	A.cu	4	*
Felixstowe	1014.6	-1	E	3	64	75	5	-	-	-	A.cu	1	2	1014.1	0	E	2	c	63	85	5	4200	Sc	2	A.cu	5	2	
Shoeburyness	1013.3	0	NE	4	64	65	5	-	-	-	A.cu	5	-	1012.7	-1	NE	1	bif	65	75	5	5700	Sc	1	A.cu	2	*	
Benson	1010.5	-2	SSE	3	63	65	5	-	Sc	9	-	-	-	1011.1	0	ESE	2	c	69	75	8	-	Sc	1	-	-	*	
S. Farnborough	1011.8	-1	SE	4	63	71	65	6	2000	Sc	9	A.cu	1	*	1011.5	0	SE	2	o	67	65	7	3000	Nb	7	A.cu	3	*
London (Kew Obs.)	1011.9	-1	SE	4	63	71	65	7	4200	Sc	6	A.cu	3	*	1011.9	0	SE	2	o	69	55	8	4200	Sc	9	A.cu	1	*
Croydon	1012.4	-1	ESE	3	64	70	55	8	4200	Sc	5	A.cu	4	*	1012.1	0	E	1	o	68	65	8	3000	Sc	7	A.cu	3	*
11H. G.M.T. OF 17 TH														7H. G.M.T. OF 17 TH														
Renfrew	1016.9	0	N	3	6	51	85	9	-	-	-	-	-	1016.3	0	ENE	3	oif	58	75	6	5700	Sc	8	A.cu	2	*	
Eskaidealmuir	1016.9	0	N	3	6	51	85	9	-	-	-	-	-	1016.2	0	ENE	3	c	59	75	7	-	Sc	3	A.cu	4	*	
Valencia (Cahire'n)	1013.5	0	NNW	2	bc	57	-	-	-	-	-	-	-	1013.5	+1	NW	2	bc	56	92	6	750	Sc	5	A.cu	1	2	
Baldonnel	1013.9	+1	-	0	oif	63	97	3	2000	Sc	10	-	-	1012.7	+2	-	0	lf	56	92	4	2000	Sc	10	-	-	*	
Didsbury	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.8	+1	E	3	bc	63	75	3	-	-	-	A.cu	4	*	
Falmouth	1011.7	0	ESE	5	oif	56	97	3	-	Nb	10	-	-	1012.6	+2	ESE	1	oif	58	92	4	-	Nb	10	-	-	*	
Calshot (Hants)	1012.2	0	-	0	c	59	92	7	1750	M.cu	7	A.cu	1	1	1012.9	+1	SSE	1	bif	61	85	6	-	-	-	A.cu	3	1
Lymington (Folkestone)	1012.1	-1	-	0	b	56	85	7	-	-	-	-	-	1012.7	-1	ESE	2	c	60	85	7	3000	Sc	1	A.cu	6	*	
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.4	0	ESE	1	bif	62	75	6	-	-	-	-	-	2	
Howden	1015.2	0	NNW	2	cif	55	95	6	7200	Sc	4	A.cu	3	*	1015.0	0	NNW	1	bc	61	85	8	2000	Sc	4	A.cu	2	*
Cranwell (Lincs)	1014.6	0	ENE	1	bc	54	92	5	3000	Sc	3	A.cu	1	*	1014.7	0	ENE	3	b	61	85	6	4200	Sc	2	A.cu	1	*
Felixstowe	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.8	0	E	1	bc	64	75	6	4200	Sc	3	A.cu	1	1	
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.0	0	NE	2	b	65	75	6	5700	Sc	3	-	-	*	
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.4	+2	-	0	b	60	85	4	-	-	-	-	-	*	
S. Farnborough	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.8	+1	SE	1	bif	65	75	5	-	-	-	Ci	1	*	
London (Kew Obs.)	1012.7	0	*	*	*	*	*	*	*	*	*	*	*	1012.3	+1	B	1	bif	62	85	3	-	-	-	A.cu	2	*	
Croydon	1013.4	-2	E	2	bcif	56	92	5	-	-	-	A.cu	5	*	1013.6	+1	-	0	bif	64	75	6	3000	Sc	1	A.cu	2	*
STATIONS CONTRIBUTING REPORTS AT 7H AND 15H.																												
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND. Direc. Force 0-12.	Weather	BAROMETER. at M.S.L. mb.	TEMPERATURE. Change in 3 hours.	WIND. Direc. Force 0-12.	WEATHER.	Sea 0-9.	RAINFALL mm.	TEMP. Max. °F.	TEMP. Min. °F.	MORNING.	AFTERNOON.	NIGHT.	GUSINESS Hours.												
15H. G.M.T. OF 16 TH																17 TH		18 TH										
Lerwick	1020.8	57	NE	3	6	1021.3	-1	55	+8	N	1	-	b	1	-	61	45	b	b	b	*							
Stornoway	1015.4	65	ENE	2	b	1015.7	0	61	-2	E	1	-	b	3	-	65	49	bc	bc	bc	14.5							
Castlebay (Barras)	1015.8	65	NNW	3	bm	1014.4	0	59	-2	E	4	-	o	2	-	68	59	bc	om	bm	13.2							
Malin Head	1013.4	58	ESE	1	c	1011.9	0	54	-2	ESE	2	-	cm	2	3	60	52	cm	cm	cm	4.5							
Blackod Point	1013.6	58	NE	1	cm	1011.3	0	55	+1	-	0	-	f	2	1	64	52	bc	cm	cm	5							
Roche's Point	1012.7	62	S	1	b	1013.3	+2	56	0	NNW	2	-	o	1	0.1	65	95	o	bc	bc	5							
Birr Castle	1011.3	63	W	1	o	1013.0	-	55	0	W	1	-	m	-	5	67	51	c	c	c	2.8							
Donaghadee	1013.5	56	N	2	cm	1013.9	+1	54	+1	SE	1	-	cm	2	4	61	52	bc	bc	bc	5							
Liverpool (Birkenhead)	1011.7	61	E	4	c	1013.1	+1	61	+6	E	1	-	bc	1	3	71	55	bc	bc	bc	1.9							
Holyhead	1011.5	60	-	0	oif	1012.7	0	58	+3	E	2	-	oif	0	3	65	54	oif	oif	oif	2.5							
Pembroke (St. Ann's Head)	1011.3	64	-	0	c	1012.7	+1	58	+2	E	1	-	cm	1	4	67	55	oif	oif	oif	7.3							
Silly (St. Mary's)	1010.9	57	ENE	1	o	1012.8	+1	56	0	NW	1	-	oif	1	2	61	56	o	o	o	0.8							
Jersey (St. Aubin)	1010.9	57	ESE	3	oif	1012.6	+1	57	-1	SE	3	-	b	2	4	62	56	oif	oif	oif	0.0							
Portland Bill	1012.0	61	SW	1	o	1012.3	0	58	-2	ENE	1	-	o	2	10	63	53	oif	oif	oif	5							
Dungeness	1011.9	65	NE	1	b	1012.5	0	59	-1	NE	1	-	bc	1	0.2	68	45	bc	bc	bc	5							
Wick	1018.5	54	E	2	om	1012.1	0	55	+1	S	1	-	bc	0	-	55	48	bc	bc	bc	5							
Nairn	1015.7	58	-	0	bc	1017.4	-	56	+3	-	0	-	bc	0	-	61	43	bc	bc	bc	11.4							
Leith	1016.5	57	NE	2	b	1016.7	0	57	+4	NE	2	-	bc	2	-	59	52	o	bc	bc	5							
Tynemouth	1010.9	59	E	2	bc	1016.6	0	57	+2	E	2	-	bc	2	-	63	53	bc	bc	bc	5							
Spurn Head	1015.1	55	E	4	bc	1015.9	0	59	+1	E	2	-	bz	3	-	63	53	b	bc	bc	5							
Yarmouth (Gt. Yarmouth)	1014.1	62	-	0	bc	1014.6																						

SUMMARY OF CONDITIONS AT 7 A.M. GMT. Thursday, 17th June, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Var. 0-5	Warm	Fine, misty.	Indif.	V.Smooth
2. E. England	" 0-10	"	Fine.	Fair.	Smooth
3. E. Midlands	NE 0-10	"	Fine.	"	-
4. W. Midlands	E 5-15	"	Fair, misty.	V.Poor	-
5. S.W. England	ESE 0-5	Normal	Dull, misty.	Poor	V.Smooth
6. South Wales	E 0-5	Warm.	Dull, misty.	Poor	"
7. North Wales	ESE 5-10	R.Warm.	Showery, misty.	Indif.	Calm.
8. N.W. England	E 5-10	Warm.	Fair, misty.	Poor	Smooth
9. N. Midlands	NNE 0-5	"	Fair.	V.Good	--
10. N.E. England	E-NE 0-10	R.Warm.	Fair, misty.	"	Smooth
11. E. Scotland	Var. 0-10	Warm.	Fair, misty.	Fair	Calm.
12. S.W. Scotland	DNE 10-15	"	Dull.	Good	Smooth
13. Isle of Man	SE 0-5	Normal.	Dull, misty, local showers.	Fair	"
14. N. & N.W. Scot- land	E 10-15	R. Warm.	Fair, misty.	"	Slight.
15. Hebrides	E 5-20	Warm.	Fine to dull.	Good	Calm.
16. Orkneys and Shetlands	N 0-5	"	Fine..	V.Good	V.Smooth
17. N.W. Ireland	Calm.	Normal	Foggy.	Bad.	Smooth
18. N.E. Ireland	SE 0-5	"	Dull, misty, showery.	Indif	"
19. S.E. Ireland	NNW 5-10	"	Dull.	Poor	V.Smooth
20. S.W. Ireland	NW 5-10	"	Fair.	Fair.	"

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

The shallow belt of low pressure extending from the North of Ireland across France, separating anticyclones centred over the Shetlands and the Azores favours the continuance of unsettled thundery weather over all parts of the Kingdom except Scotland. Considerable fine intervals are, however, probable.

Districts.	Forecasts for the 24 hours commencing 3 p.m.
1. S.E. England	Light variable winds; varying fine to overcast, local thunderstorms; visibility mainly good but local mist or fog on coasts, warm.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	Wind mainly Easterly light; mainly fair but local thunderstorms; visibility fair to good; rather warm.
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Wind mainly Easterly light or moderate; fine; visibility fair to good; rather warm.
12. S.W. Scotland	
13. Isle of Man	As for 8 - 10.
14. N. & N.W. Scot- land	As for 11.
15. Hebrides	
16. Orkneys and Shetlands	As for 1 - 7.
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

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

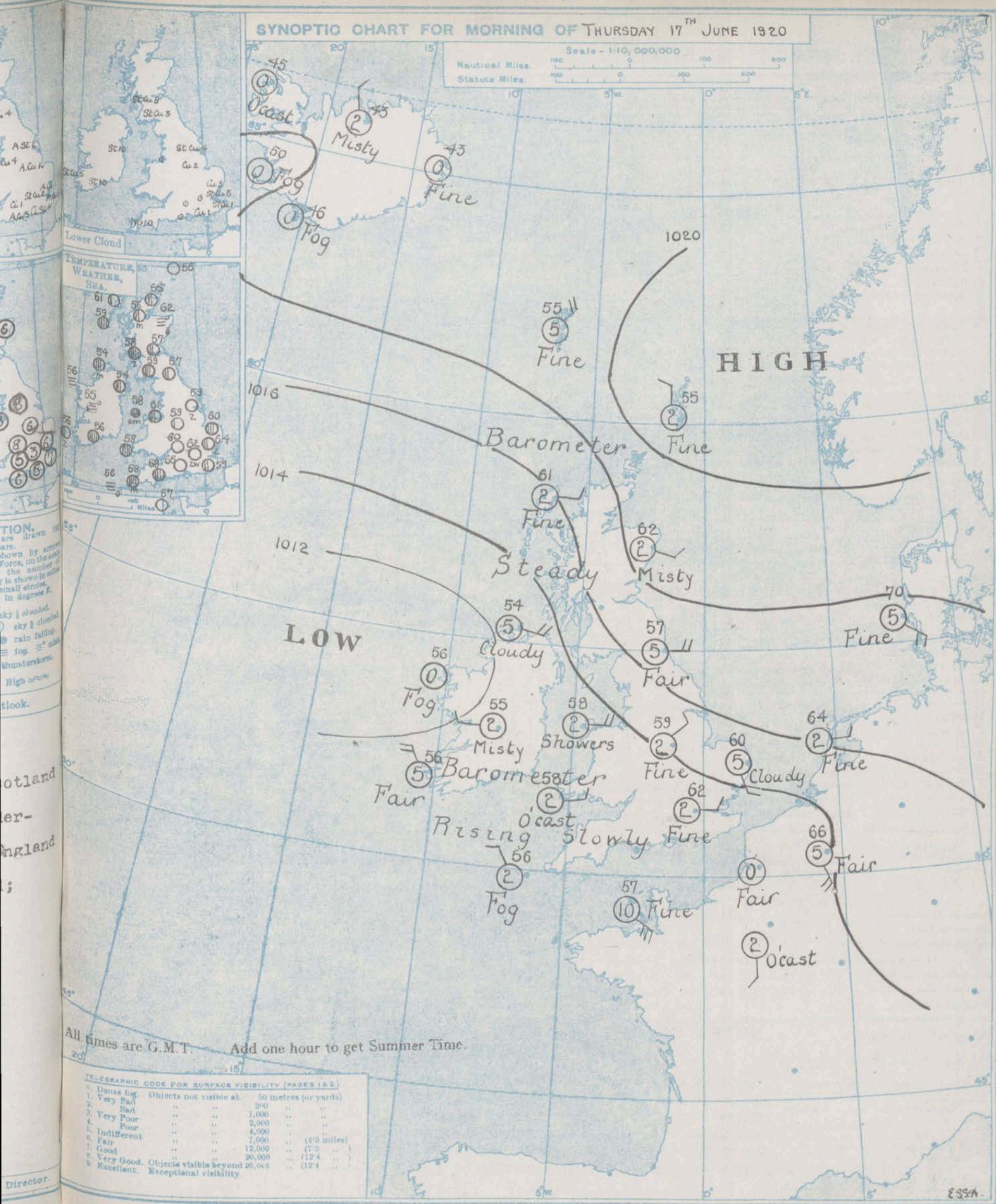
Further Outlook.

Fine in Scotland
 local thunder-
 storms in England
 and Ireland;
 warmer.

E.G.B.

SYNOPTIC CHART FOR MORNING OF THURSDAY 17TH JUNE 1920

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



LOW

HIGH

Barometer

Steady

Cloudy

Barometer

Rising

Slowly

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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)

	Objects not visible at	50 metres (or yards)
1. Dense fog		
2. Very bad		200
3. Very Poor		1,000
4. Poor		2,000
5. Indifferent		4,000
6. Fair		7,000 (2.2 miles)
7. Good		12,000 (7.5 ")
8. Very Good		20,000 (12.4 ")
9. Excellent	Exceptional visibility	

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 169.

THURSDAY
17th JUNE

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 16th JUNE

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.
						15 th -16 th		16 th -17 th								15 th -16 th		16 th -17 th	
Scotland.	Oban	bc.c		74	53	-	-	6.5	?	England, N.W.	Douglas (I.O.M.)	-	-	76.9	53	-	-	5.2	5.6
	Banff	b	b	69	41	-	-	12.1	15.9		Blackpool	o.c	ot	72	50	-	-	1.1	7.6
	Montrose	bc.f	bc.f	51	44	-	-	3.3	14.3		Southport	o	o.b.c.r	73	48	-	1	0.8	7.2
	St. Andrews	-	-	56	50	-	-	3.4	15.6										
England, N.E.	Harrogate	b	c.bc	71	46	-	-	10.1	11.8	Midlands.	Buxton	bc.b.c	bc.r.c	67	46	-	0.2	3.5	10.3
	Scarborough	b	b	67	52	-	-	12.3	14.6		Leamington Spa	bc.c.b	or.c	70	52	-	3	3.4	4.1
	Skegness	b	b	64	54	-	-	11.2	14.2		Malvern	bc.c.f	c.b.c.f	71	52	0.3	8	3.0	?
England, E.	Lowestoft	b	b.bc	65	56	-	-	11.4	11.1		Ross-on-Wye	ocp	o.c.f.r	72	49	-	1	3.0	0.1
	Felixstowe	bc	bc.3	66	60	-	-	9.0	11.7		Bath	o.c.b.c	bc.b.c	73	52	-	-	4.5	0.3
	Southend-on-Sea	c.b.c	bc.c.o	72	55	-	-	5.5	10.5										
England, S.E.	Tunbridge Wells	b.b.c	o.c.o	71	53	-	-	5.5	5.7	Wales.	Rhyl	c.b.c	cl.c	71	51	0.2	2	0.7	0.0
	Margate	c.b.c	b.b.c	70	57	-	-	5.8	8.6		Colwyn Bay	-	-	66	51	-	-	2.1	4.8
	Ramsgate	-	-	68	57	-	-	7.2	1.8		Llandudno	o	cl.c.o	65	52	-	7	0.8	4.3
	Folkestone	o.c	c	75	58	-	-	6.5	8.0		Aberystwyth	c.b.b	o.c.o	72	60	1	-	5.0	3.0
	Hastings	b.b.c	bc.o.p.c	69	57	-	0.3	6.3	4.8	Swansea	-	cl.c	68	61	3	2	6.5	5.6	
	Eastbourne	bc.c.o	oc.or.o	65	57	-	2	4.4	5.1	Weymouth	bc	bc.c.o	67	55	-	-	4.3	5.1	
	Brighton	c	c.o	70	57	-	-	5.8	2.2	Teignmouth	o	o	64	57	-	-	0.0	9.8	
	Worthing	bc	bc	67	57	-	-	7.2	2.5	Torquay	o.b.c.o	or	62	54	1	-	0.2	11.1	
	Littlehampton	bc	omv	69	52	-	-	6.2	?	Paignton	c	or	62	49	-	1	0.8	10.3	
	Portsmouth (S'ihsea)	-	-	68	56	-	-	8.3	3.0	Penzance	c.b.c	c.op	64	48	-	0.3	3.9	6.3	
Bournemouth	-	-	69	50	8	-	11.0	6.0	Newquay	b.b.c	o.op	64	47	-	0.1	5.0	9.5		
Ventnor (I. of W.)	b	bc.og	65	56	-	-	6.3	6.1	Bude	bc.b.c	cl.c	66	49	0.2	13	4.6	7.5		
									Ilfracombe	c.b.c	c.op	65	56	-	2	6.9	8.8		
									Weston-s-Mare	b.b.c	bc.c	71	54	3	0.3	4.6	?		
									Jarby (Ct. of W.)	bc	bc.c	70	56	1	-	7.5	9.7		

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	
Renfrew	c.og	bc.c.3	bc.c.2	c.o.h.	70	53	4.9	-	1	10.2
Eskealemuir	bc.c	bc.c	bc.c.b.c.f	bc.c.	68	48	4.4	-	-	11.0
Valencia (Cahirveen)	bc.c	bc.c.og	bc.c.2	bc.c.	62	4.9	4.4	-	-	11.8
Baldonnel	c.og	bc.c.f	2f.o	af.o	65	50	*	3	Trace	2.3
Didsbury	ocp	ocp	ocp	ocp	73	54	4.8	4	Trace	*
Falmouth	ocp	ocp	ocp	ocp	66	55	5.5	1	2	4.1
Calshot (Hants)	ocp	ocp	ocp	ocp	64	58	5.7	-	-	9.3
Lympe (Folkestone)	ocp	ocp	ocp	ocp	69	52	4.4	-	2	8.1
Aberdeen	ocp	ocp	ocp	ocp	66	41	3.9	-	-	5.7
Howden	bc.c.3	bc.c.3	bc.c.3	bc.c.3	74	48	4.5	-	-	8.9
Cranwell (Lincs)	bc.c.o	bc.c.o	bc.c.o	bc.c.o	73	52	*	-	-	?
Felixstowe	bc.c.3	bc.c.3	bc.c.3	bc.c.3	*	*	*	*	*	*
Shoeburyness	bc.c.3	bc.c.3	bc.c.3	bc.c.3	69	51	4.5	-	-	6.5
Benson	c	cl.c	c.o	b	72	54	5.0	12	-	*
S. Farnborough	ocp	ocp	ocp	ocp	73	55	4.7	-	-	3.2
London (New Obs.)	3.4.6	c.og	u.c.p.c.	b.R.R.3f	75	54	4.6	-	2	5.4
Croydon	bc.c.3	bc.c.3	bc.c.3	bc.c.3	74	53	*	-	0.2	*

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. i lightning.
m mist. o overcast sky.
p passing showers.
q squalls. r rain.
rs sleet, i.e. rain and snow together.
s snow. t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew. x hear 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	1.6-8.8
3	8-12	2.4-5.4
4	13-18	3.6-7.9
5	19-24	5.0-10.7
6	25-31	6.9-13.8
7	32-38	8.8-17.1
8	39-46	10.7-20.7
9	47-54	12.8-24.4
10	55-63	15.2-28.4
11	64-75	17.7-33.8
12	Above 75	33.8 or above

SYMBOLS-

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

LONDON OBSERVATIONS.

	24 HOURS ENDED Wk G.M.T. 17 TH						mm.	Hours	G.M.T.	G.M.T.
								YESTERDAY..	TODAY.	
Greenwich (Royal Observatory)	c.	c.a	othr. bc.b	77	52	41	1	9.9	50	72
City (Bunhill Row) ...	"	"	"	"	"	"	"	6.8	"	"
Westminster (St. James's Park)	"	"	"	75	56	50	0.2	6.5	46	68
" (Admiralty Arch)	bcz	bcz	oz. ot. bow	76	60	"	0.2	7.0	58	80
Camden Sq. (British Rainfall)	c	c	"	80	54	57	1	"	50	69
Kensington Palace ...	c.	c.o	"	75	54	49	0.2	"	59 (10h)	60
Hampstead Observatory ...	"	"	"	72	55	"	Trace	6.4	"	61

SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.	17 th and 18 th JUNE 1920.	
	Stations.	Summ.
Total	G.M.T.	G.M.T.
	G.M.T.	G.M.T.
Average Rate.	25.7	
	88	

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

Stations.	17 th and 18 th JUNE 1920.		
	Sunrise.	Noon.	Sunset.
Yarmouth...	G.M.T.	G.M.T.	G.M.T.
	G.M.T.	G.M.T.	G.M.T.
Greenwich	3.31	11.54	8.16
	3.31	11.54	8.16
Wick	2.44	12.1	8.17
	2.44	12.1	8.18
Valencia	4.22	12.41	9.1
	4.22	12.41	9.1

Photographic Record of

Pole Star (Polaris) and of δ Ursae

Minoris at Greenwich Observatory.

Exposure from 21.00 h. to 23.00 h.

Stars.	Duration of Exposure.		Duration of Record.		%
	h.	m.	h.	m.	
Polaris	5	0	3	5	62
δ Ursae	5	0	3	0	60
Minoris					

NOTES ON THE WEATHER OF YESTERDAY.

Thunderstorms again occurred in many localities, more particularly in Ireland, Wales and the Midlands. At Benson where a violent storm occurred during the afternoon, 12 mm. of rain and hail fell. Sunshine was again abundant in Scotland and the Hebrides, Stornaway reporting 14.5 hours. Temperature exceeded 70° in many localities reaching 76° in London.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B21393

FRIDAY, 18TH JUNE, 1920.

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

STATIONS.	13H. G.M.T. 17 TH										18H. G.M.T. OF 17 TH																	
	Barom. at M.S.L.	Change in 3 hours	Wind. Direc.	Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.	Barom. at M.S.L.	Change in 3 hours	Wind. Direc.	Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.
	mb.														mb.													
Renfrew	1014.4	-2	ENE	4	bc	71	55	6	5700	Cu	8	-	-	-	1014.4	0	-	0	bc	63	65	6	4200	Cu	8	-	-	-
Esdailemuir	1014.6	-1	SE	4	bc	71	55	7	-	Cu	2	-	-	-	1014.1	0	SSE	4	bc	69	65	6	-	St	2	Ci	4	-
Valencia (Cahire's)	1013.3	0	N	3	bc	61	85	8	3000	Cu	5	-	-	2	1013.8	0	W	2	bc	60	75	8	2000	Cu	3	Ci	2	2
Baldonnel	1014.7	-1	-	0	0	64	75	5	2000	Sc	10	-	-	-	1013.0	-1	-	0	0	65	85	5	3000	Sc	8	Asc	1	-
Didsbury	1013.1	-1	E	5	bc	76	45	6	3000	Cu	5	bc	1	-	1012.8	0	E	3	bc	73	55	7	4200	Cu	1	Ac	6	-
Falmouth	1014.5	+3	SE	3	C	62	85	6	-	Cu	8	-	-	-	1014.6	+1	WSW	2	bc	62	85	4	-	St	7	-	-	-
Calshot (Hants)	1013.5	+1	SSW	3	b	68	66	8	3000	Cu	3	-	-	2	1014.4	+1	SSW	1	bv	64	75	9	3000	Cu	1	bc	2	2
Lymington (Folkestone)	1014.1	+2	SSW	4	bc	67	75	8	3000	Cu	3	bc	2	-	1015.5	+2	SE	2	Cu	65	75	8	3000	Cu	6	Ac	2	-
Aberdeen	1013.2	0	ESE	3	b	68	75	6	-	-	-	-	-	2	1015.0	-2	SE	2	b	60	85	6	-	-	-	-	-	2
Howden	1014.6	-1	ENE	5	b	75	65	6	-	-	-	-	-	-	1014.6	+1	ENE	2	b	70	65	6	5700	Cu	1	-	-	-
Cranwell (Lines)	1014.4	0	E	3	b	76	55	7	4200	Cu	3	-	-	-	1014.6	+1	ENE	2	b	70	65	6	5700	Cu	1	-	-	-
Felixstowe	1015.1	+1	ENE	3	b	65	65	6	4200	Cu	1	-	-	-	1015.7	+1	SSW	2	b	66	85	6	5700	Cu	2	Ac	1	-
Shoeburyness	1013.8	+2	NE	4	b	75	65	5	-	Cu	8	-	-	-	1014.8	+2	SE	4	bc	63	75	6	1250	St	7	Ac	3	-
Benson	1011.6	-1	NE	1	C	75	65	5	-	Cu	8	-	-	-	1013.3	+2	S	1	b	67	85	2	-	-	-	-	-	-
S. Farnborough	1012.4	-1	SE	4	C	76	55	7	2000	Cu	8	-	-	-	1013.8	+1	SSE	3	C	69	65	8	3000	St	1	Ci	6	-
London (Kew Obs.)	1013.3	0	NE	2	bc	63	65	7	3000	Cu	6	bc	2	-	1014.5	0	S	1	bc	70	65	9	4200	Cu	2	Ac	4	-
Croydon	1012.8	0	ESE	3	C	72	55	7	2000	Cu	6	bc	1	-	1014.5	+3	SSW	1	Cy	69	55	8	4200	Cu	2	Ac	5	-
1H. G.M.T. OF 18 TH																												
Renfrew	1015.9	-1	N	2	b	57	75	6	-	-	-	-	-	-	1014.3	0	-	0	bc	55	85	3	4200	St	6	Ci	3	-
Esdailemuir	1015.9	-1	N	2	b	57	75	6	-	-	-	-	-	-	1014.5	0	N	1	b	61	65	6	-	St	2	Ci	1	-
Valencia (Cahire's)	1012.7	0	SSE	2	bc	55	-	-	-	-	-	-	-	2	1010.7	-1	E	1	0	56	85	8	4200	St	2	Ac	8	2
Baldonnel	1013.1	+1	-	0	0	55	92	3	5700	St	9	Ac	1	-	1012.4	-1	E	2	bc	54	95	3	3000	St	5	Ac	3	-
Didsbury	1015.5	-1	-	0	bc	54	92	6	-	Cu	5	-	-	-	1014.3	0	-	0	C	60	92	3	7200	St	7	-	-	-
Falmouth	1015.5	-1	-	0	bc	54	92	6	-	Cu	5	-	-	-	1013.8	-2	WNW	2	C	57	85	5	-	Cu	2	Ac	5	-
Calshot (Hants)	1015.7	0	SW	2	bc	56	95	6	2000	St	6	-	-	1	1015.8	0	SSE	1	0	57	85	7	1250	St	9	-	-	1
Lymington (Folkestone)	1015.9	+1	-	0	b	53	92	7	-	-	-	-	-	-	1015.6	0	NNW	1	b	59	85	7	5700	St	2	Ac	1	-
Aberdeen	1015.7	0	-	0	bc	50	95	6	-	-	-	-	-	-	1016.4	-1	ESE	2	bc	59	92	5	-	-	-	Ac	1	2
Howden	1015.7	0	-	0	bc	50	95	6	-	-	-	-	-	-	1015.2	0	NNE	1	b	59	85	6	4200	St	5	Ci	1	-
Cranwell (Lines)	1015.5	+2	ESE	1	b	56	92	5	-	-	-	-	-	-	1015.3	-0	NNW	1	bc	62	85	6	4200	Cu	2	Ac	1	-
Felixstowe	1015.5	0	-	0	bc	56	92	5	-	-	-	-	-	-	1015.5	0	SE	1	bc	62	75	5	-	-	-	Ci	2	-
Shoeburyness	1015.5	0	-	0	bc	56	92	5	-	-	-	-	-	-	1014.6	+1	S	2	0	54	95	5	-	St	10	-	-	-
Benson	1015.5	0	-	0	bc	56	92	5	-	-	-	-	-	-	1015.4	0	S	1	b	57	92	4	1250	St	1	Ci	1	-
S. Farnborough	1015.5	0	-	0	bc	56	92	5	-	-	-	-	-	-	1016.0	+1	WSW	1	Cu	55	92	4	3000	St	5	Ac	3	-
London (Kew Obs.)	1016.4	0	-	0	bc	53	-	-	-	-	-	-	-	-	1016.1	+1	-	0	bc	62	75	6	-	-	-	Ac	2	-
Croydon	1016.4	0	SSW	2	b	53	92	6	-	-	-	-	-	-	1016.1	+1	-	0	bc	62	75	6	-	-	-	Ac	2	-
STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.																												
STATIONS.	Barom. at M.S.L.	Temp. °F.	Wind. Direc.	Force 0-12	Weather.	Barometer. at M.S.L. mb.	Change in 3 hours	Temperature. °F.	Change in 24 hours	Wind. Direc.	Force 0-12	Upper Cloud. Amt. 0-10.	Weather.	Sea 0-9.	Rainfall mm.	Temp. Max. °F.	Temp. Min. °F.	Morning.	Afternoon.	Night.	Sunshine Hours.							
	mb.					mb.																						
Lerwick	1019.0	59	S	2	bc	1016.9	0	58	+3	S	1	-	b	0	-	61	51	bc	bc	b	-							
Stornoway	1014.0	66	-	0	bc	1012.7	0	57	-4	-	0	-	op	0	1	71	53	bc	bc	op	8.2							
Castlebay (Barra)	1013.5	62	WSW	3	Cu	1012.4	0	57	-2	SE	3	-	om	1	11	64	56	op	om	cl	3.8							
Malin Head	1013.1	53	W	1	om	1011.1	0	57	+3	S	1	-	om	1	3	62	52	Cu	om	om	0.0							
Blacksod Point	1012.5	62	WNW	2	bc	1011.2	0	58	+2	-	0	-	bc	1	-	65	54	bc	bc	bc	-							
Roche's Point	1013.9	65	SSW	2	bc	1012.2	-2	58	+2	SSW	3	-	0	2	0.2	66	53	om	bc	bc	-							
Birr Castle	1012.8	62	W	1	C	1012.8	0	56	+1	SE	1	-	0	-	7	63	52	or	bc	bc	1.4							
Donaghadee	1013.0	66	S	1	bc	1013.0	0	54	0	S	1	-	om	1	2	68	51	bc	bc	cl	-							
Liverpool (Bidston)	1013.0	62	WNW	1	bc	1013.3	0	60	-1	E	2	SE	bc	2	1	65	52	bc	bc	op	10.3							
Holyhead	1013.4	62	-	0	C	1013.2	0	57	-1	SSW	3	-	om	1	5	69	53	op	bc	bc	4.5							
Pembroke (St. Ann's Head)	1014.6	60	-	0	b	1013.5	-1	57	-1	-	0	-	C	1	-	63	55	om	bc	bc	9.3							
Scilly (St. Mary's)	1015.3	58	WNW	3	C	1013.1	-2	55	-1	SSE	3	S	C	3	1	62	55	of	om	C	4.2							
Jersey (St. Aubin)	1014.8	65	WNW	3	b	1016.2	0	57	0	SW	3	SW	bc	3	-	67	52	bc	bc	bc	11.8							
Portland Bill	1013.8	59	WSW	2	bc	1015.4	+2	57	-1	SSW	4	-	0	2	-	62	51	bc	bc	bc	-							
Dungeness	1014.6	63	SW	2	b	1015.5	0	59	0	W	2	-	b	2	-	65	44	bc	bc	bc	-							
Wick	1016.6	67	SE	2	bc	1014.9	0	56	+1	SSE	2	-	bc	2	-	58	51	bc	bc	bc	-							
Nairn	1013.6	73	E	1	bc	1013.3	0	61	+5	E	1	-	bc	1	2	75	45	bc	bc	bc	7.4							
Leith	1014.9	61	NNE	2	b	1014.9	0	53	-4	E	2	-	m	2	-	62	53	bc	bc	bc	-							
Tynemouth	1016.7	62	E	2	bc	1015.5	0	53	-4	N	1	-	bc	2	-	64	51	bc	bc	bc	-							
Spurn Head	1015.6	58	ESE	3	bc	1015.5	+1	60	+1	ESE	1	-	bc	2	-	65	54	bc	bc	bc	-							
Yarmouth (Dunwich)	1014.5	62	-	0	b	1014.7	-2	60	0	SW	1	-	bc	1	-	64	56	bc	bc	bc	13.6							
Clacton-on-Sea	1015.1	66	SE	2	bc	1015.0	0	61	-3	NNW	3	-	bc	2	-	67	54	bc	bc	bc	12.8							
Nottingham	1013.7	70	E	3	b	1014.5	0	64	+5	SE	1	-	bc	1	1	77	51	bc	bc	bc	11.7							

* Information for these columns not usually recorded.

SUMMARY OF CONDITIONS AT 7h.A.M. GMT. Friday, 18th June, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Var. 0-10	Warm.	Fine, some mist.	Fair	Smooth
2. E. England	Var. 0-10	"	Fine, some mist.	"	V. Smooth
3. E. Midlands	NE-SE 0-5	R. Cool	Fine, some mist.	"	--
4. W. Midlands	E 0-10	Warm.	Fair to dull.	V. Poor	--
5. S.W. England	Var. 5-15	Normal.	Dull.	Indif.	Slight
6. South Wales	Calm.	R. Warm	Dull.	Fair.	V. Smooth
7. North Wales	SSW 10-15	"	Dull, gloomy, some mist.	Indif.	" "
8. N.W. England	Calm.	"	Dull.	Poor	" "
9. N. Midlands	Var. 0-5	"	Dull.	Fair.	--
10. N.E. England	NE-SE 0-5	Normal.	Fair, misty.	"	Smooth.
11. E. Scotland	ESE 5-10	Warm.	Fair, some mist & fog.	Indif.	"
12. S.W. Scotland	N 0-5	"	Misty.	Fair.	V. Smooth
13. Isle of Man	S 0-5	Normal.	Dull, misty.	"	" "
14. N. & N.W. Scotland	E 0-5	Warm.	Fair, misty.	V. Poor	" "
15. Hebrides	Var. 0-10	"	Dull, misty, showery.	Indif.	Slight.
16. Orkneys and Shetlands	S 0-5	"	Fine.	Good	Calm.
17. N.W. Ireland	Calm.	R. Warm.	Fair, misty.	Fair.	V. Smooth
18. N.E. Ireland	S 0-5	Normal.	Dull, misty.	"	" "
19. S.E. Ireland	SSW 10-15	R. Warm	Dull.	Good	Slight
20. S.W. Ireland	E 0-5	Normal.	Dull.	V. Good	Smooth.



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

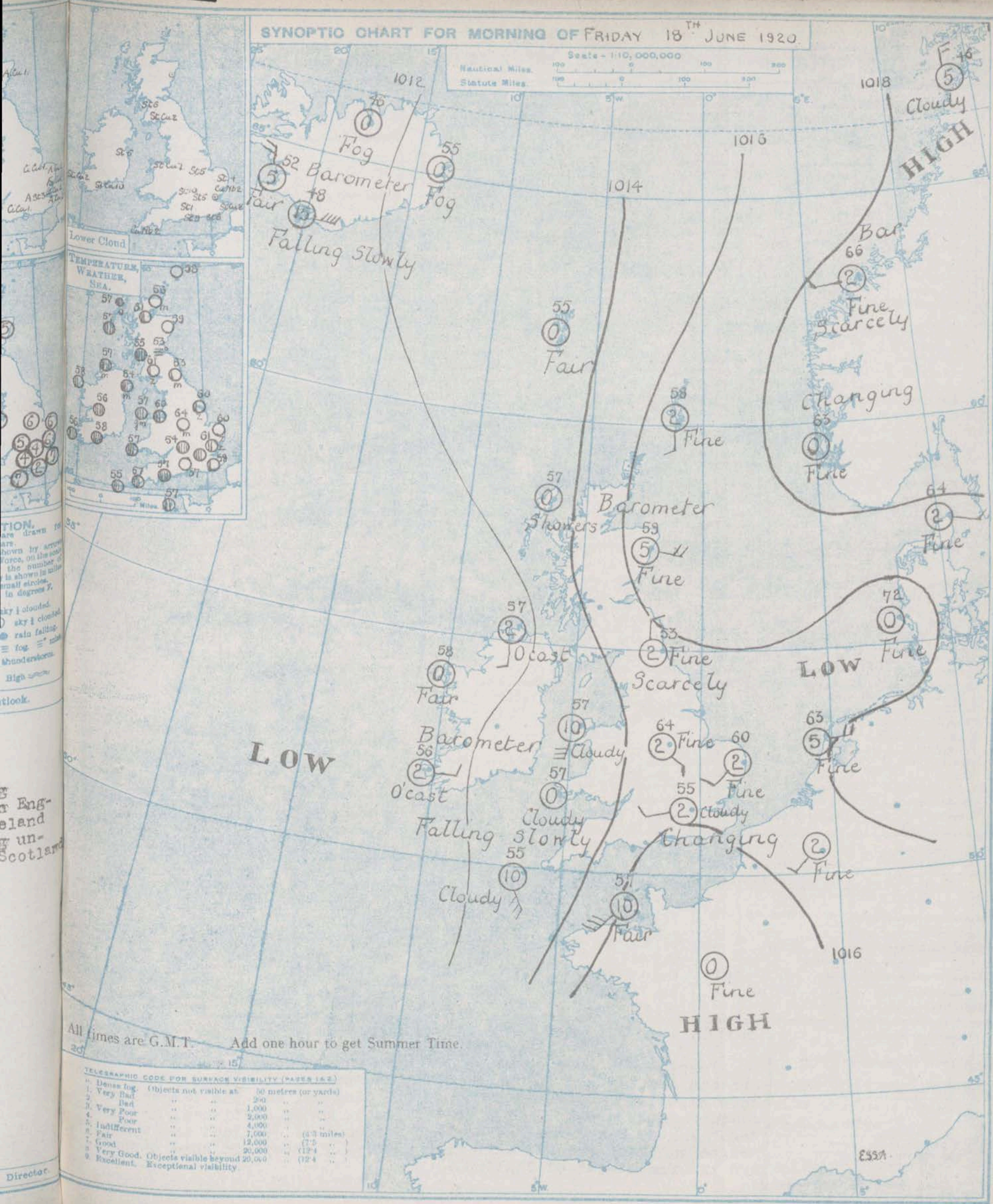
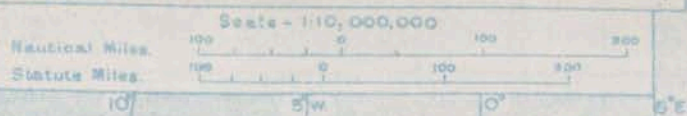
A slight fall of the barometer which is in progress in the South-West of these Islands will probably spread slowly Eastward and maintain the unsettled type of weather over England and Ireland. Pressure is also decreasing in Iceland, and this may cause less fine weather in Scotland later.

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

Districts.	Forecasts for the 24 hours commencing 15h. GMT. Friday, 18th June, 1920.
1. S.E. England	Light winds mainly between South-West and South-East. Considerable fair intervals, but cloudy or overcast at times, some rain, local thunderstorms still probable. Visibility fair to good. Warm.
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 SE. or S, light. Fair to cloudy or overcast. Visibility mainly good. Warm.
12. S.W. Scotland	
13. Isle of Man	Wind South-East or South, light. Cloudy or overcast, some rain or showers. Visibility fair. Warm.
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Same as 11.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Continuing unsettled in England and Ireland and becoming unsettled in Scotland.

SYNOPTIC CHART FOR MORNING OF FRIDAY 18TH JUNE 1920.



are drawn to
are
down by arrow
force, on the
the number of
is shown in
small circles
in degrees 7.
sky & clouded
sky & clouded
rain falling
fog
thunderstorm.
High
look.

England
un-
Scotland

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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PART 1 & 2)

	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. 170.

Friday,
18th June

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-18h.	Day. 18h-17h.	to 17h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-18h.	Day. 18h-17h.	to 17h.	Sunrise to Sunset.
Scotland.									Douglas (I.O.M.)			72	56	2		8.3	?
Banff ...	o.c.c.	o.c.c.	71	55	1	3	3.2	7.9	Blackpool ...	a.c.c.		76	55	1		7.5	1.1
Montrose ...	o	o	61	39	-	-	12.8	14.8	Southport ...	c.b.c.c	c.t.c.	73	54	4		6.0	0.8
St. Andrews ...	o	o	61	50	-	-	12.3	5.6									
England, N.E.									Buxton ...	b.c.c	b.c.c	72	42	8		10.1	3.5
Harrogate ...	o	o	74	50	-	-	11.0	12.1	Leamington Spa ...	c?	c?	72	55	0.4		10.5	3.2
Scarborough ...	o	o	65	53	-	-	11.6	12.9	Malvern ...	b.c.c	c.o.c.c	75	56	1	0.3	7.2	3.0
Skegness ...	o	o	65	56	-	-	12.1	13.7	Ross-on-Wye ...	o.p.b.c	c.o.c.c	74	54	2	5	5.4	3.0
Lowestoft ...	b.c.b	o	65	56	-	-	12.1	12.7	Bath ...	o.t.b.c	b.c.c	73	56	2	1.4	5.1	4.5
Feixstowe ...	b.c.b	o	66	57	-	-	12.7	9.0									
Southend-on-Sea ...	o	b.c.c	75	54	-	-	11.4	5.5	Rhyl ...	b.c.c	b.c.c	76	56	1		5.9	0.7
England, E.									Colwyn Bay ...			73	57	1	2	6.9	2.1
Tunbridge Wells ...	b.c.b	b.c.c	73	52	-	-	9.4	5.5	Llandudno ...	b.c.c	c.t.p.c	69	55	1	7	4.7	0.8
Margate ...	o	o	70	56	-	-	11.0	7.2	Aberystwyth ...	b.c.c	c.a.c	67	59	1		3.5	5.0
Ramsgate ...			68	54	-	-	11.5	7.6	Swansea ...								
Folkestone ...	o	b.c.c	72	59	7	-	10.8	7.9	Weymouth ...	c.	c.b.	67	53	0.3		3.8	4.3
Hastings ...	o	o	69	55	-	-	12.2	8.0	Teignmouth ...	m.b.c	b.c	68	57	-		4.5	0.0
Eastbourne ...	b.c.	b.c	68	54	-	-	11.6	4.4	Torquay ...	o.c.b.c	b.c.b.c	67	58	0.2		5.2	0.2
Brighton ...	b.c.b	o	65	57	-	-	11.1	5.8	Paignton ...	c.	b.c.c	67	53	0.3		3.5	0.3
Worthing ...	o	o	67	58	-	-	12.5	7.2	Penzance ...	o.c.	b.c.c	66	55	1		1.5	3.9
Littlehampton ...	b.c	o	69	52	-	-	11.9	6.2	Newquay ...	o.c.	o.c.c	65	55	2		0.4	5.3
Portsmouth (S. base) ...			69	57	2	-	9.8	8.3	Bude ...	m.b.c	b.c.c	66	53	1	1	7.4	4.6
Bournemouth ...			69	54	0.3	-	6.0	11.0	Ilfracombe ...	o.c.b.c	o.c	65	67	3		4.2	5.9
Ventnor (I. of W.) ...			65	55	-	-	7.3	6.3	Weston-s-Mare ...	b.c.c	b.c.c	69	54	18	1	3.0	4.5
									Jenby, (Wates) ...	b.c.c	b.c	69	57	-		8.1	7.5

SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.		TEMP.		RAINFALL.		SUN.	
	7h-12h	12h-18h	Max. °F.	Min. °F.	Day. 18h-17h.	Night. 17h-18h.	Hours	Hours
Renfrew ...	c.b.c	o.c.c	74	51	41	15	Trace	3.6
Eskaletmair ...	b.c.c	b.c.c	74	47	40	-	-	13.2
Valencia (Cabrilsveas) ...	b.c.c	b.c.c	62	51	46	-	-	11.5
Baldonnel ...	o.f.	b.f.	67	49	2	Trace	Trace	1.2
Didsbury ...	b.c.c	b.c.c	78	49	42	-	Trace	2
Falmouth ...	o.f.c.c	b.c.c	69	51	47	-	-	3.8
Calshot (Hants) ...	b.c.c	b.c.c	69	54	57	-	-	13.4
Lympne (Folkestone) ...	b.c.c	b.c.c	69	50	42	-	0.4	12.3
Aberdeen ...	if.	if.	66	47	40	-	-	15.5
Howden ...	3.9							
Cranwell (Lincs) ...	b.c.c	b.c.c	77	49	*	-	-	14.3
Felixstowe ...	b.c.c	b.c.c	67	52	*	-	-	*
Shoeburyness ...	b.c.c	b.c.c	71	49	42	0.2	0.1	12.0
Benson ...	C.R.H. b.c.c	b.c.c	76	48	42	0.1	-	*
S. Farnborough ...	b.c.c	b.c.c	76	47	39	-	-	10.0
London (New Obs.) ...	b.c.c	b.c.c	71	51	42	14	-	7.3
Croydon ...	b.c.c	b.c.c	77	51	*	-	-	*

BEAUFORT NOTATION.

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

THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity at about 30 feet above ground.	
	Statute miles per hour.	Meters per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.5-3.2
3	8-12	3.2-6.4
4	13-18	6.4-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.2
12	Above 75	33.3 or above

SYMBOLS—

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

LONDON OBSERVATIONS.	WEATHER.		TEMP.		RAINFALL.		SUN.	
	Morning.	Afternoon.	Night.	Max. °F.	Min. °F.	Min. on Grass.	Hours.	Hours.
Greenwich (Royal Observatory)	c	dr c.o.c	f c	77	49	38	3	10.1
City (Banhill Row)	*	*	*	*	*	*	*	8.2
Westminster (St. James's Park)	*	*	*	77	53	44	*	6.1
" (Admiralty Arch)	b.m.b.c	b.c.Htz	b.c.bz	76	56	*	*	6.3
Camden Sq. (British Rainfall)	b	b	tlbc	82	54	50	*	5.2
Kensington Palace	bc	o.f.b.c	*	77	52	46	0.4	6.6 (18h)
Hampstead Observatory	*	*	*	75	53	*	-	11.8

SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.	18th and 19th JUNE 1920.	
	Stations.	Stations.
Total ... 1311 ... joules.	Yarmouth ...	Greenwich ...
	Greenwich ...	Wick ...
Average Rate, 22.8 Milliwatts.	Valencia ...	
Maximum Rate, 76		

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

Stations.	18th and 19th JUNE 1920.		
	Sunrise.	Noon.	Sunset.
Yarmouth ...	5.31	11.54	8.16
Greenwich ...	5.31	11.54	8.17
Wick ...	5.37	12.13	8.19
Valencia ...	4.22	12.42	9.2

Photographic Record of

Pole Star (Polaris) and of δ Ursae

Minoris at Greenwich Observatory.

Exposure from 17.5.21. h. 30. m to 18.2. h. 30. m

Stars.	Duration of Exposure.		Duration of Record.	
	h.	m.	h.	m.
Polaris	5.	0	4.	10
δ Ursae	5.	0	4.	11
Minoris	5.	0	4.	11

NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose to above 70° over a very large area in Great Britain and reached or exceeded 75° at several stations. Thunderstorms were experienced in many parts of the Kingdom, but the largest rain measurements were 7 mm at Birr Castle, 11 mm at Castlebay, and 14 mm Kew. In the North-East of England and most of Scotland there was no Bright sunshine records were high generally except in some parts of and the South-West of England.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 25394

SATURDAY, 19th JUNE, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H.																																				
STATIONS.	BAROM. at M.S.L. mb.	Change in 2 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM. at M.S.L. mb.	Change in 2 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.								
			Dirac.	Force 0-12.						Form.	Am't. 0-10.	Form.	Am't. 0-10.				Form.	Am't. 0-10.																		
13H. G.M.T. 18 th																											18H. G.M.T. OF 18 th									
Renfrew...	1011.2	-4	SE	1	c	73	55	6	3000	Cu	4	Ci Cu	2	4	1011.5	0	E	2	ct	59	55	4	3000	Cu	5	Ci Cu	3	4								
Eskdalemuir...	1011.5	-3	SE	4	c	68	55	7	-	Cu	6	Ci Cu	2	4	1011.5	0	-	0	o	60	75	7	-	FCu	4	Ci St	5	4								
Valencia (Cahire's)	1009.2	-2	ENE	2	c	59	75	8	3000	ScCu	6	ASr	2	2	1008.9	0	NNW	2	c	61	73	7	4200	Cu	7	-	-	2								
Baldonnel...	1010.9	-2	SE	2	o	62	75	7	3000	ScCu	10	-	-	4	1009.9	-1	SE	2	c	64	85	7	3000	ScCu	4	ASr	3	4								
Didsbury...	1011.8	-2	SE	5	b	73	45	8	5700	Cu	1	Ci Cu	1	4	1011.7	0	S	3	c	66	65	8	3000	CuN	6	ACu	2	4								
Falmouth...	1011.4	-3	SE	3	or	55	97	4	-	Nb	10	-	-	4	1010.1	-1	SSW	2	or	57	97	6	-	Nb	10	-	-	4								
Calshot (Hants)...	1014.6	-2	SSW	3	c	62	75	8	4200	Cu	4	Ci	3	2	1013.2	-2	SE	3	bc	61	85	6	-	-	ASr	3	4	4								
Lympne (Folkestone)	1014.9	-1	S	4	b	66	65	8	3000	CuN	2	ASr	1	4	1013.6	-2	SW	3	bc	65	65	8	3000	Cu	1	ACu	4	4								
1H. G.M.T. OF 19 th																											7H. G.M.T. OF 19 th									
Renfrew...	1012.9	+1	NNW	1	b	50	92	6	-	St	2	-	-	4	1011.6	0	-	0	bc, f	56	92	5	2000	St	4	-	-	4								
Eskdalemuir...	1012.9	+1	NNW	1	b	50	92	6	-	St	2	-	-	4	1011.8	0	N	1	b	60	75	6	-	-	-	-	-	4								
Valencia (Cahire's)	1009.8	0	-	0	bc	54	-	-	-	-	-	-	-	4	1008.3	-1	SSE	3	o	56	92	8	1250	St, Cu	10	-	-	2								
Baldonnel...	1011.1	+1	S	1	o	55	85	7	2000	Fr, Cu	10	-	-	4	1010.1	0	SE	2	bcv	57	85	8	2000	St	4	ACu	2	4								
Didsbury...	1012.1	0	E	2	ct	62	75	4	-	-	-	-	-	4	1012.1	0	E	2	ct	62	75	4	-	-	Ci	7	4									
Falmouth...	1010.5	0	SW	1	od	55	97	5	-	Nb	10	-	-	4	1010.9	+1	SW	1	c	57	97	6	-	Nb	5	ACu	2	4								
Calshot (Hants)...	1012.0	-1	SSW	3	o	58	92	8	2000	St, Cu	9	-	-	2	1013.0	+1	SSW	3	o	60	85	8	1250	St, Cu	9	-	-	2								
Lympne (Folkestone)	1013.1	-1	-	0	bw	52	97	7	3000	St	2	-	-	4	1013.5	+1	W	1	o, f	56	97	2	4500	St	10	-	-	4								
Aberdeen...	1012.4	0	-	0	bz	54	97	6	2000	St	1	-	-	4	1013.4	0	SE	2	bc, f	58	92	5	-	St	6	-	-	2								
Howden...	1012.4	0	-	0	bz	54	97	6	2000	St	1	-	-	4	1012.5	+1	-	0	bz	60	85	5	2000	St	2	Fr, Cu	1	4								
Cranwell (Lines)	1013.8	0	SSW	1	o, f	57	92	5	3000	St	10	-	-	4	1012.7	0	NNW	1	b	61	75	5	-	-	Ci	2	4									
Felixstowe...	1013.8	0	SSW	1	o, f	57	92	5	3000	St	10	-	-	4	1013.7	0	WSW	1	b	63	92	6	-	-	-	-	-	1								
Shoeburyness...	1013.8	0	SSW	1	o, f	57	92	5	3000	St	10	-	-	4	1013.3	0	-	0	bz	65	65	6	-	-	Ci Cu	2	4									
Benson...	1012.6	-2	S	3	bc	70	65	7	-	Cu	6	-	-	4	1012.0	+1	SSE	1	o	59	85	7	-	Cu	10	-	-	4								
S. Farnborough...	1013.8	-2	S	4	c	71	65	8	3000	Cu	4	Ci	3	4	1012.6	+1	S	1	o, f	59	85	6	2000	Nb	10	-	-	4								
London (Kew Obs.)	1013.8	-3	SW	1	bcy	72	55	8	4200	Cu	5	-	-	4	1013.0	+1	S	1	bw	61	85	8	2000	St, Cu	6	ACu	2	4								
Croydon...	1014.5	0	SW	2	bcy	72	55	8	4200	FCu	5	-	-	4	1013.1	-1	SSW	3	bcy	67	55	9	4200	CuN	1	Ci	5	4								
STATIONS CONTRIBUTING REPORTS AT 7H. AND 19H.																																				
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETER. at M.S.L. mb.	TEMPERATURE. Change in 3 hours. °F.	WIND.		Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.																	
			Dirac.	Force 0-12.				Max. °F.	Min. °F.					Morning.	Afternoon.	Night.																				
19H. G.M.T. OF 19 th																				24 HOURS ENDED 19 th							18 th									
Lerwick...	1014.8	59	S	2	b	1013.1	-2	58	0	S	2	-	b	0	61	52	b	b	-	-	-															
Stornoway...	1011.3	63	SE	2	o	1009.5	0	60	+3	SE	1	-	b	1	70	57	op	co	op, b	7.0																
Castlebay (Barra's)	1010.0	61	WSW	3	cm	1009.4	0	55	-2	SE	4	-	c	4	62	53	amp	om	cm, o	3.9																
Malin Head...	1008.7	56	NE	1	cm	1008.1	0	58	+1	SSE	2	S	bc	1	60	53	cm	cm	bc	3.8																
Blacksod Point...	1008.1	61	NE	2	bc	1006.5	-3	59	+1	SSW	2	-	bcu	2	65	53	bcu	cm	cm, bcu	-																
Roche's Point...	1009.2	56	RSE	4	odm	1009.6	0	58	0	SE	3	-	o	3	59	55	or	odm	d, o	-																
Birr Castle...	1009.2	62	S	1	c	1009.1	0	56	0	SE	1	-	o	0	67	50	bc	c	c, o	4.9																
Donaghadee...	1010.7	63	S	2	bcu	1011.2	0	54	0	SE	2	-	bcu	1	67	51	cm	cm	bc, f	-																
Liverpool (Bidston)	1010.9	59	W	1	bc	1010.9	-1	60	0	SE	2	-	b	2	71	54	b, bc	bc, p	2tr, b	9.3																
Holyhead...	1010.6	60	E	2	og	1010.3	0	58	+1	S	3	-	cg	1	65	54	oc	c, o	og, eg	4.2																
Pembroke (St. Ann's Head)	1010.2	55	E	3	o	1010.7	0	55	-2	RSE	2	-	o	2	62	53	c	op	op, op	1.4																
Scilly (St. Mary's)	1010.0	58	SW	3	c	1011.1	+1	56	+1	SW	2	SW	c	4	61	55	cpom	om, pc	om, pc	0.7																
Jersey (St. Aubin)	1012.5	59	SSW	3	or	1013.2	0	59	+2	SW	3	-	o	3	63	56	bc, b	or	or, or	4.8																
Portland Bill...	1012.3	58	S	3	or	1012.0	0	57	0	SSW	2	-	o	3	61	57	abc	bc, or	f, o, b	-																
Dungeness...	1013.6	59	SW	3	b	1012.6	0	58	-1	SW	2	SW	c	2	64	47	bc, b	b, bc	c, bc, cm	-																
Wick...	1011.3	56	SSE	3	bc	1011.1	0	54	-2	S	2	-	bcu	2	59	50	bm	bcu	bc, om	-																
Nairn...	1010.4	66	-	0	c	1010.5	0	65	+4	-	0	-	b	0	81	53	bc	bc, g	cg, bc	11.0																
Leith...	1011.9	59	E	2	o	1011.7	0	57	+4	NE	1	E	bcu	2	66	53	mb, tr	bc, tr	og, cm	-																
Tynemouth...	1012.1	61	SSE	2	bcu	1012.5	0	57	+4	-	0	-	bm	1	65	53	bcu	bcu	bcu	-																
Spurn Head...	1012.8	60	SE	3	c2	1013.2	+1	62	+2	-	0	-	b2	2	64	54	b2	c2	bm	-																
Yarmouth (Golf Course)	1013.6	62	SSW	3	bc	1013.9	+1	59	-1	-	0	-	b2	0	65	54	b2	b2	bcz, b2	12.0																
Clacton-on-Sea...	1012.9	65	SSE	4	bc	1013.0	+2	63	+2	-	0	-	b	0	68	55	bcz	bcz	bc, c	12.3																
Nottingham...	1011.7	71	S	2	bc	1012.5	0	59	-5	-	0	-	bm	4	75	49	b	b	bc, tp	13.2																

* Information for these columns not usually received.

SUMMARY OF CONDITIONS AT 11 A.M.T. Saturday, 19th June, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	S 5-15	R. Warm	Fine, local mist & fog.	Fair	V. Smooth
2. E. England	Calm.	Warm.	Fine, hazy.	"	Calm.
3. E. Midlands	NW 0-5	"	Fine.	Indif.	-
4. W. Midlands	E 5-10	"	Fine, hazy.	Poor	-
5. S.W. England	SW 0-5	Normal	Dull.	Fair.	Mod.
6. South Wales	ESE 5-10	"	Dull.	"	Smooth
7. North Wales	S 10-15	R. Warm	Gloomy.	Indif	V. Smooth
8. N.W. England	SE 0-5	Warm.	Fine, local mist.	Fair	"
9. N. Midlands	Calm.	"	Fine, local mist.	"	-
10. N.E. England	Calm.	"	Fine, misty.	Indif	Smooth
11. E. Scotland	SE 0-10	"	Fine, local fog.	"	"
12. S.W. Scotland	N 0-5	"	Fine.	Fair	V. Smooth
13. Isle of Man	SE 5-10	Normal	Fair, misty.	"	"
14. N. & N.W. Scotland	Calm.	Warm.	Fine.	Indif.	Slight.
15. Hebrides	SE 10-15	"	Fine to dull.	Fair.	"
16. Orkneys and Shetlands	S 5-10	"	Fine.	Good.	Calm.
17. N.W. Ireland	SSW 5-10	"	Fair, misty.	Fair	Smooth
18. N.E. Ireland	SE 5-10	Normal.	Fair, misty.	"	V. Smooth
19. S.E. Ireland	SE 10-15	R. Warm	Dull.	Good	Slight
20. S.W. Ireland	SSE 10-15	Normal.	Dull.	V. Good	Smooth



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

Shallow secondary depressions over the British Isles are likely to cause showers or thunderstorms in many localities, but considerable intervals of fair to cloudy weather may be anticipated, accompanied by a rather high temperature. Similar conditions are probable beyond the ensuing 24 hours,

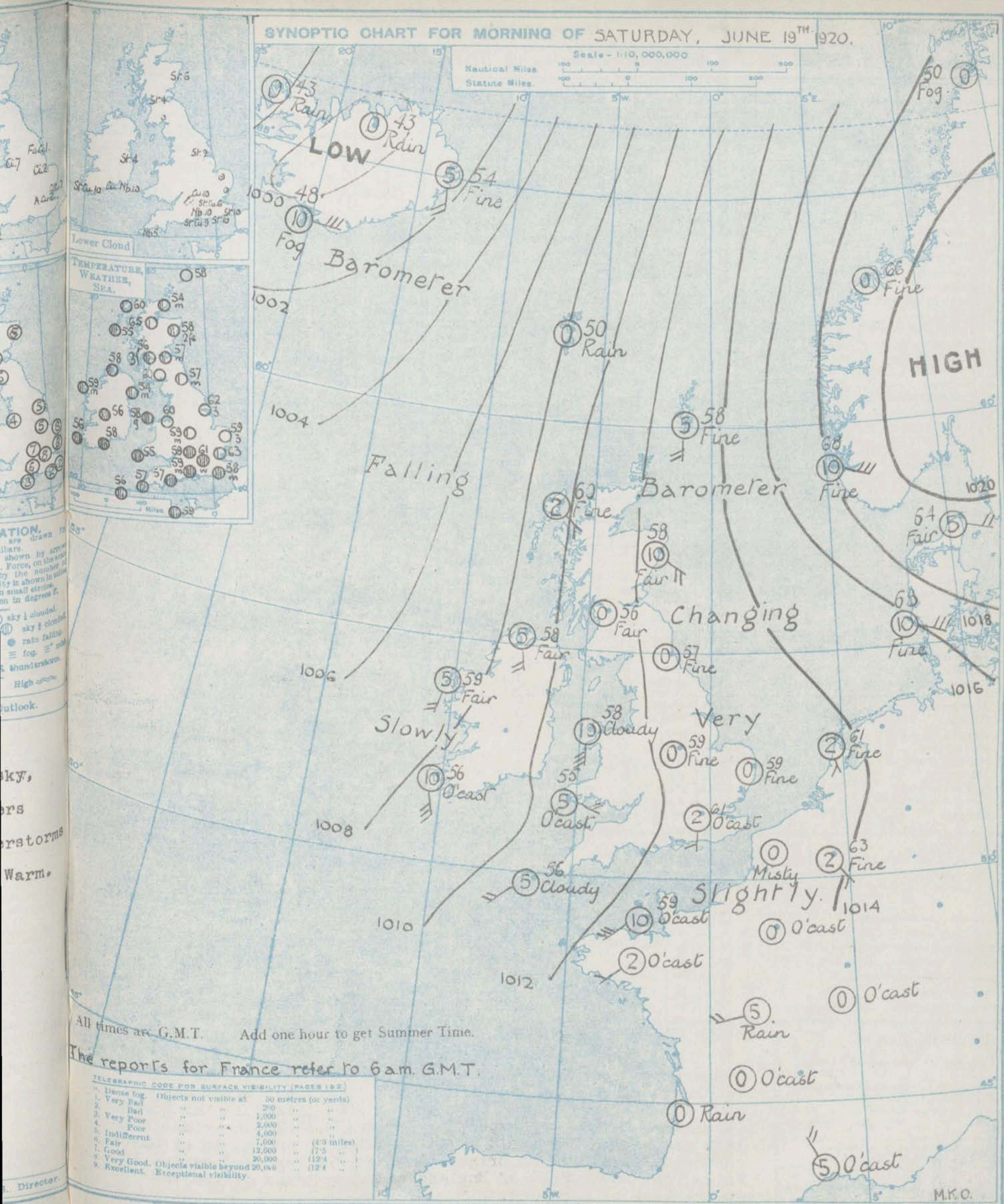
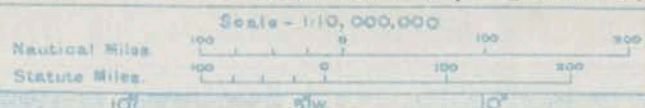
EXPLANATION.
 BAROMETER.—Isobars are drawn at intervals of two millibars.
 WIND.—Direction is shown by arrow lying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.
 TEMPERATURE is given in degrees F.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

Districts.	Forecasts for the 24 hours commencing 11h. GMT. Saturday, 19th June, 1920.
1. S.E. England	Wind light from between South-East and South-West. Variable sky, thunderstorms or showers locally. Visibility fair to good. Warm.
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 South to South-West, light or moderate. Cloudy or overcast. Some rain, thunder locally. Visibility fair. No important 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	

Further Outlook.

Variable sky,
 some showers
 and thunderstorms
 locally. Warm.

SYNOPTIC CHART FOR MORNING OF SATURDAY, JUNE 19TH 1920.



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

The reports for France refer to 6 a.m. G.M.T.

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

Director

M.K.O.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 3, 171

Saturday,
19th June 1920.

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 1922 June

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 17h-18h.	Day, 18h-17h.	to 17h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 17h-18h.	Day, 18h-17h.	to 17h.	Sunrise to Sunset.
Scotland.									England, N.W.								
Oban ...	c	oTr	68	56	-	0.3	5.6	3.3	Douglas (I.O.M.)	-	-	68	52	1	-	8.0	8.3
Banff ...	b	b	73	49	-	-	12.0	15.9	Blackpool ...	bc	c	72	52	-	-	9.6	7.5
Montrose ...	b	bc	61	42	-	-	11.9	15.0	Southport ...	bbe b	bbee	72	52	-	-	10.2	7.0
St. Andrews ...	m	c	69	41	-	-	6.5	14.2									
England, N.E.									Midlands.								
Harrogate ...	b	b	75	46	-	-	11.6	13.4	Buxton ...	bc b	b	69	47	-	-	10.2	12.9
Scarborough ...	b	b	65	52	-	-	12.1	14.4	Leamington Spa...	bc	bc	70	50	-	-	7.9	11.8
Skegness ...	b	boqrTl	67	56	-	5	7.3	13.0	Malvern ...	ac	bc	67	54	-	-	5.3	7.2
England, E.									Ross-on-Wye ...	cbeo	oc	69	52	0.4	-	3.4	5.4
Lowestoft ...	b	bbe	67	56	-	-	12.4	14.7	Bath ...	o	ocbe	67	52	-	-	2.1	5.5
Felixstowe ...	cz	b	69	54	-	-	9.5	14.7									
Southend-on-Sea...	cbee	bcbv	76	53	0.4	-	10.5	12.1	Wales.								
England, S.E.									Rhyl ...	cbe	bcco	68	50	1	-	5.4	6.8
Tunbridge Wells	b	b	72	44	-	-	12.2	9.9	Colwyn Bay ...	*	*	64	54	2	1	3.0	6.9
Margate ...	bbe	b	74	55	-	-	10.7	11.6	Llandudno ...	dc	ctiro	65	52	1	17	2.9	4.7
Ramsgate ...	*	*							Aberystwyth ...	roc	cbe	62	59	3	-	1.5	3.5
Folkestone ...	oc	cbe b	65	55	6	-	9.9	13.2	Swansea ...	-	-	64	57	1	1	0.5	?
Hastings ...	b	b	70	54	-	-	12.3	14.0	Weymouth ...	cbe	bcco	66	55	-	-	5.5	5.9
Eastbourne ...	b	b	68	52	-	-	12.3	13.1	Teignmouth ...	mbe b	cor	66	55	1	4	5.4	5.0
Brighton ...	b	b	62	53	-	-	5.8	13.5	Torquay ...	bcc	orm	63	57	-	4	6.6	5.6
Worthing ...	b	bm	64	52	-	-	8.4	13.6	Paignton ...	bc	or	63	53	-	4	5.5	4.1
Littlehampton ...	bc	bf	63	49	-	-	7.0	13.8	Penzance ...	cor	or	59	51	1	3	0.1	5.5
Portsmouth (Sthsea)	*	*	66	53	-	-	10.5	12.1	Newquay ...	bco pc	op	59	52	0.4	3	1.4	6.5
Bournemouth ...	*	*	65	53	-	-	5.5	7.5	Bude ...	cog	rog	63	55	-	6	2.4	7
Ventnor (I. of W.)	*	*	63	52	-	-	2.5	9.5	Ilfracombe ...	oco	or	63	57	3	2	1.3	5.5
									Weston-s-Mare ...	c p bc	b c pc	68	55	3	-	3.0	3.2
									Tenby...	cbe	cr	64	53	-	4	1.9	4.9

STATIONS.	SUMMARY FOR PAST 24 HOURS.								BEAUFORT NOTATION.	THE BEAUFORT SCALE OF WIND FORCE.		
	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	RAINFALL.			Sun. Hours.	
	7h-13h 18h.	13h-18h 18h.	18h-1h 19h.	1h-7h 19h.				Day, 7h-18h.				Night, 18h-7h.
Renfrew ...	co z	tl. Tr	c. o Hr.	bbe.3f	75	50	42	mm.	mm.	2.3		
Eskdalemuir ...	bbe.3f	tl. Tr	qu. pze	bw	70	46	39	11	1	7.5		
Valencia (Cahirelveen) ...	rr. co	bbe.3f	c. o		63	49	43	5	-	1.8		
Baldonnel ...	oz	co z	c. o	c. o	67	49	-	-	-	4.1		
Didsbury ...	bbe	bbe	be. cr	bccw	73	50	41	-	-	8		
Falmouth ...	co. fgr	rr.	ov. v	c. od	60	54	53	-	1	0.2		
Calshot (Hants) ...	co. co	ebbe	be. co	a	66	56	55	-	2	7.8		
Lympne (Folkestone) ...	bbe.3f	bbe	b. be	oa. sf. w	67	51	44	-	-	14.1		
Aberdeen ...	2fe. 1f	if. 1fe	1fe. 2fe	w. 2fe	66	52	43	-	-	12.1		
Howden ...	z. bbe	2ig	c. of	4. 5fe	78	50	41	-	-	9.8		
Cranwell (Lincs) ...	bbe.3f	bbe.3f	op.	b. bcw	75	48	*	10.4	1.2	9.5		
Felixstowe ...	z. bbe	z. bbe	b. bcz	bw	70	56	*	*	*	*		
Shoeburyness ...	bbe.3f	z. bbe	b. be. v	b. be. z	73	50	42	-	-	13.0		
Benson ...	bbe	b.	b. bc	c. o	71	53	48	-	-	*		
S. Farnborough ...	bbe.3f	bbe	b. be. co	c. op	73	55	51	-	0.1	13.0		
London (Kew Obs.) ...	w. bbe	bbe.3f	b. e. c	c. ow	74	54	46	-	-	13.6		
Croydon ...	if. bbe	bbe.3f	b. be	be. cz	75	55	*	-	-	*		

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.						15 h. G.M.T.	9 h. G.M.T.						
	24 HOURS ENDED 9H G.M.T. 1922											1922			
Greenwich (Royal Observatory)	b	c. b. c. o	o	77	51	42	-	15.4	47	67	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Stations.	Sunrise.	Noon.	Sunset.
City (Bunhill Row) ...	*	*	*	*	*	*	*	13.7	*	*					
Westminster (St. James's Park)	*	*	*	75	56	48	-	14.6	48	68					
(Admiralty Arch)	bce	bce	bce	75	58	*	-	14.8	52	70					
Camden Sq. (British Rainfall)	b	b.	bc	80	55	51	-	*	44	68					
Kensington Palace ...	be	bc	*	75	55	50	-	*	52 (18h)	74	Average Rate.	37.9			
Hampstead Observatory ...	*	*	*	74	55	*	-	13.7	*	71	Maximum Rate.	82			

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

Exposure from 18.21 h. to 30. m.
to 19.2.2. h. to 30. m.

Stars.	Duration of Exposure.		Duration of Record.		%
Polaris	h.	m.	h.	m.	
δ Ursae	5	0	4	11	84
Minoris	5	0	3	25	68

NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose to 70° or above at many stations, the highest readings being 78° at Howden and 81° at Nairn. Rain occurred over a large area in the West and at some places in the North, and thunderstorms were experienced locally. The heaviest rainfall measurements were 12 mm at Eskdalemuir and 10 mm at Liverpool and Jersey. Much bright sunshine was recorded except in Wales, the South-West of England and some parts of Ireland and the West of Scotland.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.24395

SUNDAY, 20th JUNE, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 12H.																													
STATIONS.	BAROM. at M.S.L.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	HUMIDITY. %	VISIBILITY. 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.	BAROM. at M.S.L.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	HUMIDITY. %	VISIBILITY. 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.	
			Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dir.	Force 0-12.						Form.	Amt. 0-10.				
			12H. G.M.T. 19 th																										
Renfrew...	1009.6	-2	S	4	C	70	55	7	3,000	Fr	5	AsC	2	*	1007.7	-2	SSE	4	bc	61	65	8	3,000	Sc	2	AsC	2	*	
Eskdalemuir...	1010.2	-1	S	4	bc	68	65	6	-	Cu	5	-	-	*	1009.5	-1	S	2	of	61	75	7	-	Sc	7	AsC	3	*	
Valencia (Cahira)	1004.7	-3	SSE	5	O	59	85	8	2,000	Sc	7	AsC	3	3	1003.0	-1	S	5	OT	59	97	5	1250	Sc	8	AsC	2	3	
Baldonnell...	1008.7	-4	S	3	O	63	75	8	3,000	Sc	10	-	-	*	1006.7	-1	S	2	C	61	75	8	2,000	Sc	5	AsC	3	*	
Didsbury...	1011.0	0	SSE	5	O	67	65	6	4,200	Sc	8	AsC	1	*	1010.7	-1	S	3	C	69	55	7	4,200	Cu	6	AsC	1	*	
Falmouth...	1012.3	+1	SW	3	eg	60	85	7	-	Cu	8	-	-	*	1012.3	0	SSW	3	og	57	92	7	-	Sc	10	-	-	*	
Calshot (Hants)...	1013.9	+1	SSW	3	av	63	75	9	2,000	Sc	9	-	-	2	1014.4	0	SSW	3	ov	60	75	9	2,000	Sc	10	-	-	2	
Lymington (Folkestone)...	1013.6	+1	SSW	3	Cu	67	65	9	4,200	Sc	5	AsC	2	*	1012.6	-1	SW	3	bc	63	85	9	3,000	Cu	1	-	-	*	
12H. G.M.T. OF 20 th																													
Renfrew...	1009.5	-2	-	0	bc	51	97	3	-	Fr	10	-	-	*	1003.0	-2	SSW	4	odm	57	92	5	750	Nb	10	-	-	*	
Eskdalemuir...	1009.5	-2	-	0	bc	51	97	3	-	Fr	10	-	-	*	1003.0	-2	SSW	4	odm	57	92	5	750	Nb	10	-	-	*	
Valencia (Cahira)	1004.2	0	S	3	odm	55	*	*	*	*	*	*	*	1	1002.9	0	S	5	O	56	85	7	1250	Sc	10	-	-	4	
Baldonnell...	1008.7	-4	S	3	O	63	75	8	3,000	Sc	10	-	-	*	1006.7	-1	S	2	bc	59	82	8	4,200	Sc	2	Ci	4	*	
Didsbury...	1011.0	0	SSE	5	O	67	65	6	4,200	Sc	8	AsC	1	*	1010.7	-1	S	3	OT	56	92	6	750	Nb	10	-	-	*	
Falmouth...	1012.3	+1	SW	3	eg	60	85	7	-	Cu	8	-	-	*	1012.3	0	SSW	3	OT	59	97	5	-	Nb	10	-	-	*	
Calshot (Hants)...	1013.9	+1	SSW	3	av	63	75	9	2,000	Sc	9	-	-	2	1014.4	0	SSW	3	O	59	92	8	750	Fr	10	-	-	2	
Lymington (Folkestone)...	1013.7	-1	-	0	oifw	53	97	6	750	Fr	10	-	-	*	1013.8	0	S	2	ov	56	97	9	1250	Sc	5	AsC	5	*	
Aberdeen...	1010.9	-1	-	0	b	52	97	7	2000	Fr	1	AsC	1	*	1009.5	-2	SSE	4	OT	55	92	5	-	Fr	10	-	-	4	
Howden...	1010.9	-1	-	0	b	52	97	7	2000	Fr	1	AsC	1	*	1009.5	-2	SSE	4	OT	55	92	5	-	Fr	10	-	-	4	
Cranwell (Lines)...	1013.5	0	SSW	2	b	56	92	5	-	-	-	-	-	*	1010.7	-1	S	4	OT	56	92	7	2000	Sc	10	-	-	*	
Felixstowe...	1013.5	0	SSW	2	b	56	92	5	-	-	-	-	-	*	1010.7	-1	S	4	OT	56	92	7	2000	Nb	10	-	-	*	
Shoeburyness...	1013.0	-1	SW	3	C	61	75	7	4,200	Sc	4	AsC	4	*	1013.0	-1	SW	3	C	61	75	7	4,200	Sc	4	AsC	4	*	
Benson...	1010.7	-1	S	3	OT	56	97	6	-	Nb	10	-	-	*	1010.7	-1	S	3	OT	56	97	6	-	Nb	10	-	-	*	
S. Farnborough...	1012.0	-1	S	3	OT	58	92	5	1250	Nb	10	-	-	*	1012.0	-1	S	3	OT	58	92	5	1250	Nb	10	-	-	*	
London (Kew Obs.)...	1011.9	-1	S	3	OT	61	95	8	1250	Fr	6	AsC	4	*	1011.9	-1	S	3	OT	61	95	8	1250	Fr	6	AsC	4	*	
Croydon...	1013.0	-2	SSW	2	O	59	85	5	2000	Fr	4	AsC	4	*	1013.0	-2	SSW	2	O	59	85	5	2000	Fr	4	AsC	4	*	
STATIONS CONTRIBUTING REPORTS AT 7H AND 12H.																													
STATIONS.	BAROM. at M.S.L.	TEMP. °F.	WIND.		WEATHER.	BAROMETER.		TEMPERATURE.		WIND.		Dir. of Upper Cloud.	Weather.	Sea.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.								
			Dir.	Force 0-12.		at M.S.L.	Change in 3 hours.	Temp.	Change in 24 hours.	Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.									
			7H. G.M.T. OF 20 th																										
Lerwick...	1012.1	59	S	3	bc	1009.9	-4	58	0	SE	7	SE	bc	3	-	61	45	bc	bc	bc	12.4								
Stornoway...	1003.0	59	SE	6	bc	999.9	0	58	-5	SE	4	-	C	4	2	69	38	bc	bc	bc	9.9								
Castlebar (Barra)...	1003.0	59	SE	6	bc	999.9	0	54	-1	SE	4	-	C	4	6	59	53	bc	bc	bc	9.9								
24 HOURS ENDED 7H. 20 th																													
Malin Head...	997.7	59	S	5	OT	998.9	0	58	0	S	3	S	bc	3	Trace	66	54	bc	bc	bc	8.2								
Blackod Point...	1006.1	58	S	4	OT	998.2	-3	57	-2	SSW	6	-	OT	5	2	65	54	bc	bc	bc	8.2								
Roche's Point...	1006.1	58	S	4	OT	1005.4	0	58	0	SW	4	-	bc	4	5	61	56	OT	OT	OT	8.2								
Birr Castle...	1003.6	60	SE	2	O	1002.0	-1	56	0	SE	1	-	C	4	-	67	54	C	C	C	3.8								
Donaghadee...	1007.9	58	S	3	bc	1003.5	-1	56	+2	S	3	-	OT	3	2	62	53	bc	bc	bc	8.2								
Liverpool (Baldon)...	1009.7	65	SSE	3	O	1006.1	-1	56	-4	SE	3	-	OT	2	6	70	55	bc	bc	bc	6.8								
Holyhead...	1009.1	69	SSW	4	OT	1004.8	0	56	-2	SSW	5	-	OT	4	2	64	54	OT	OT	OT	6.1								
Pembroke (St. Ann's)...	1010.9	56	S	3	OT	1007.1	-1	56	+1	S	3	-	OT	4	5	60	55	OT	OT	OT	2.8								
Scilly (St. Mary's)...	1011.3	57	S	3	OT	1008.6	-1	57	+1	S	3	-	OT	4	8	60	56	OT	OT	OT	1.2								
Jersey (St. Aubin)...	1014.9	61	WSW	3	OT	1012.8	-1	59	0	S	3	-	OT	3	4	64	57	OT	OT	OT	3.5								
Portland Bill...	1013.4	59	SW	4	O	1010.4	-2	58	+1	S	5	-	OT	4	1	61	55	OT	OT	OT	8.2								
Dungeness...	1013.2	61	S	3	bc	1013.3	-1	58	0	SSW	3	-	bc	3	-	64	49	bc	bc	bc	8.2								
Wick...	1007.3	55	SE	4	bc	1002.3	-2	53	+1	S	5	-	OT	4	-	59	52	bc	bc	bc	8.2								
Nairn...	1005.3	73	S	2	bc	1001.2	0	60	-3	-	0	-	OT	1	0.4	80	39	bc	bc	bc	12.2								
Leith...	1007.8	69	SW	1	bc	1003.9	-1	57	0	SE	1	-	OT	1	5	75	56	bc	bc	bc	8.2								
Tynemouth...	1009.6	61	S	3	bc	1007.0	-3	56	-1	S	4	-	OT	3	Trace	64	54	bc	bc	bc	8.2								
Spurn Head...	1011.9	61	SE	3	bc	1010.5	-2	57	-5	S	3	-	OT	3	-	67	54	bc	bc	bc	8.2								
Yarmouth (H.M. Coastguard)...	1012.9	63	SSW	4	bc	1012.6	0	59	0	WSW	3	-	OT	2	-	67	54	bc	bc	bc	13.5								
Clacton-on-Sea...	1012.9	64	SSE	3	bc	1012.8	-1	61	-2	SSW	4	-	OT	2	-	68	57	bc	bc	bc	14.4								
Nottingham...	1011.5	69	S	2	bc	1009.5	0	56	-3	S	1	-	OT	8	2	74	54	bc	bc	bc	12.1								

SUMMARY OF CONDITIONS AT 7 A.M.T. Sunday, 20th June, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	S-SW. 5-10	R. Warm.	Dull, some rain Westwards	V. Good.	Slight.
2. E. England	SSW. 5-15.	"	Dull, some drizzle.	Good.	Smooth.
3. E. Midlands	S. 5-10	Moderate	Dull, rain or drizzle.	Fair.	-
4. W. Midlands	S. 5-10	"	Dull, some rain.	"	-
5. S.W. England	S-SW. 10-20	"	Overcast, rain, mist or fog	V. Poor.	Moderate
6. South Wales	S. 10	"	Overcast, fog on coast.	Poor.	"
7. North Wales	S-SW. 10-20	"	Dull, some fog.	"	"
8. N.W. England	S. 10.	"	Dull, rain.	Fair.	Smooth.
9. N. Midlands	S. 5-10	"	Dull, some rain or drizzle	Indiff.	-
10. N.E. England	S. 10-15	"	Dull, local mist.	Fair.	Slight.
11. E. Scotland	S. 5-15	"	Overcast, some rain & mist	Indiff.	"
12. S.W. Scotland	S-SW. 15.	"	Dull, mist or drizzle.	V. Poor.	"
13. Isle of Man	SSW. 10-15	"	Overcast, misty.	Poor.	Moderate.
14. N. & N.W. Scotland	S. 10-20	"	Dull, some mist, showers, & squalls.	"	"
15. Hebrides	S-SE. 15-20	"	Cloudy.	Indiff.	"
16. Orkneys and Shetlands	S-SE. 20-30	Warm.	Fair to dull.	"	R. Rough
17. N.W. Ireland	S-SW. 15-25	Moderate	Dull, some mist, squally.	"	"
18. N.E. Ireland	S. 10-15	"	Dull.	Good.	Slight.
19. S.E. Ireland	S-SW. 10-15	"	Fair to cloudy.	V. Good.	Moderate
20. S.W. Ireland	S-SW. 15-20	"	Fair to overcast.	Good.	"

EXPLANATION.

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

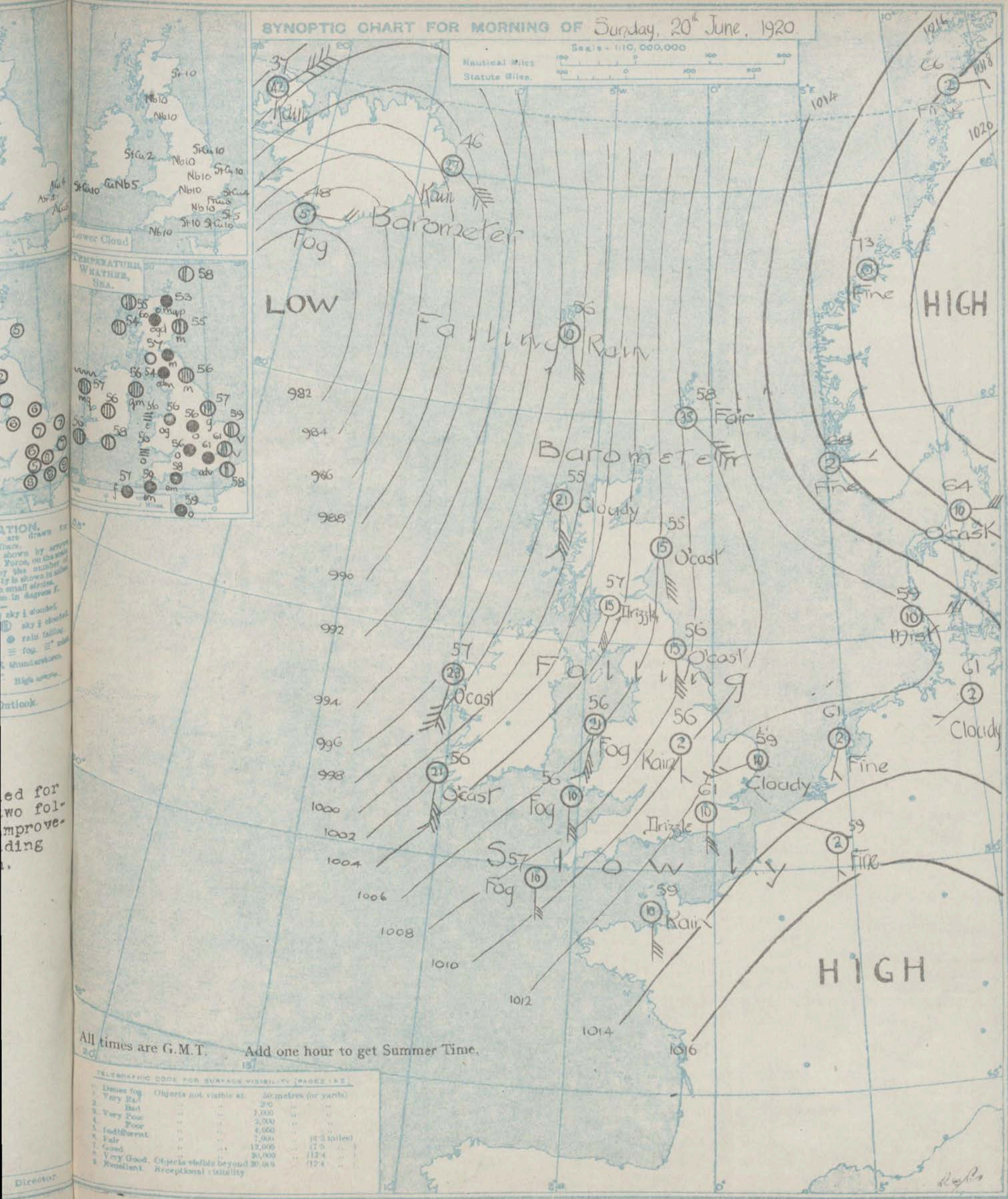
GENERAL INFERENCE from observations received up to 9h.G.M.T.

The depression off our Western Coasts is growing slowly deeper and remaining almost stationary. The Southerly to South-Westerly wind current will be maintained and generally unsettled weather is probable during the next day or two.

Districts.	Forecasts for the 24 hours commencing 15h.G.M.T. Sunday, 20th June, 1920.	Further Outlook.
1. S.E. England	Wind South or South-West, moderate, fresh locally; cloudy or overcast, some rain, probably improving later; visibility fair but local mist; rather warm.	Unsettled for a day or two followed by improvement spreading from South.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales		
7. North Wales		
8. N.W. England	Wind Southerly, fresh to strong; dull, some rain, thunder locally; visibility fair, local mist; moderate temperature.	
9. N. Midlands		
10. N.E. England		
11. E. Scotland		
12. S.W. Scotland		
13. Isle of Man		
14. N. & N.W. Scotland		
15. Hebrides	Wind South to South-West, fresh or strong; cloudy or overcast, some rain, thunder locally; visibility fair. to good; 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 Sunday, 20th June, 1920.

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



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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 1 & 2)

Code	Meaning	Objects not visible at	50 metres (or yards)
1	Dim fog	Objects not visible at	50 metres (or yards)
2	Very Bad	200	
3	Bad	1,000	
4	Very Poor	2,000	
5	Poor	4,000	
6	Indifferent	7,000	10 3 miles
7	Fair	12,000	17 1/2
8	Good	20,000	32 1/2
9	Very Good	Objects visible beyond 20,000	32 1/2
0	Excellent	Exceptional visibility	

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 19 th																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-20h.	Day. 9h-17h.	to 17h.	Sunrise to Sun-set.			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-20h.	Day. 9h-17h.	to 17h.	Sunrise to Sun-set.
Scotland.	Oban ...	o.c.	bc.b	71	53	6	-	7.7	5.6	England, N.W.	Douglas (I.O.M.)	-	-	64	52	-	-	7.0	8.0
	Banff ...	b	b	71	52	-	-	11.2	13.5		Blackpool ...	-	-	70	53	-	-	5.8	10.0
	Montrose ...	c.b.c.	c	61	48	-	-	7.9	12.8		Southport ...	bc.o.b.c.	bc.o.b.c.	72	53	-	-	6.7	10.2
	St. Andrews ...	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	
England, N.E.	Harrogate ...	bc.b	bc.b	73	49	5	-	9.5	11.8	Midlands.	Buxton ...	bc.b	bc.b	67	47	-	-	9.6	12.5
	Scarborough ...	b	b	64	53	-	-	11.4	13.1		Leamington Spa ...	-	-	-	-	-	-	-	-
	Skewness ...	-	-	-	-	-	-	-	-		Malvern ...	o.c.	c.o.	67	55	0.1	-	4.1	5.3
England, E.	Lowestoft ...	-	-	68	55	-	-	12.2	11.5	Wales.	Ross-on-Wye ...	bc.o	c.o.o	68	56	-	-	2.2	3.7
	Felixstowe ...	b	b	76	58	-	-	11.7	12.1		Bath ...	o	o	65	57	-	-	0.1	2.1
	Southend-on-Sea ...	bc.b	bc.b	-	-	-	-	-	-		Rhyl ...	-	-	-	-	-	-	-	-
England, S.E.	Tunbridge Wells ...	o.c.	b	72	54	-	-	5.5	14.4	England, S.W.	Colwyn Bay ...	-	-	68	53	2	-	4.3	2.9
	Margate ...	b	bc.b	72	56	-	-	10.2	11.1		Llandudno ...	-	-	-	-	-	-	1.0	1.5
	Ramsgate ...	-	-	66	53	-	-	12.3	-		Aberystwyth ...	o.c.o	c.b.o	66	56	-	-	-	-
	Folkestone ...	f.o	bc	65	56	-	-	9.1	12.3		Swansea ...	-	-	-	-	-	-	-	-
	Hastings ...	bc.b	b	68	56	-	-	8.6	15.1	Weymouth ...	o.c.	c.o	64	56	5	-	2.0	5.5	
	Eastbourne ...	c.b.c.	b	66	56	-	-	8.2	14.7	Teignmouth ...	-	-	-	-	-	-	-	-	
	Brighton ...	-	-	-	-	-	-	-	-	Torquay ...	o	c	62	56	2	0.1	0.2	6.6	
	Worthing ...	bc.	b	66	56	0.3	-	8.6	9.6	Paignton ...	o.g	o	62	54	2	-	0.0	5.5	
	Littlehampton ...	bc	bc	64	53	-	-	7.5	7.0	Penzance ...	fad	c.o	63	55	2	0.1	0.4	0.1	
	Portsmouth (S. base) ...	-	-	66	56	4	-	2.0	10.9	Newquay ...	-	-	-	-	-	-	-	-	
	Bournemouth ...	-	-	63	55	3	-	2.5	5.5	Bude ...	c	c	63	55	2	-	1.3	2.4	
	Venar (I. of W.) ...	-	-	64	53	5	-	4.8	2.5	Ilfracombe ...	o.	c.o.o	63	57	0.2	-	1.2	1.3	
											Weston-s-Mare ...	-	-	-	-	-	-	-	-
											Tenby (Wales) ...	bc.c	bc	65	57	1	-	3.4	1.9

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.				TEMPERATURE.		RAINFALL.		Sun. Hours.						
		7h-12h.	12h-18h.	18h-24h.	24h-7h.	Max. Temp. °F.	Min. Temp. °F.	Min. on Glass °F.	Day. 7h-18h.		Night. 18h-7h.					
													No.	Limit of Velocity at about 30 feet above ground.	Statute miles per hour.	Metres per second.
Renfrew	bc.c	z.b.c	o.f.r.	71	55	51	-	2	9.7				6	Less than 1	Less than 1	Less than 0.2
Eskdalemuir	bc.c	bc.b	o.f.r.	70	51	47	-	2	11.2				1	1-3	0.2-1.5	0.2-1.5
Valencia (Cahabieven)	c.o	orr	pd.o.c.c	60	55	53	6	-	0.1				2	4-7	1.6-3.5	1.6-3.5
Baldonnel	c.g.	oq	q.b.o	66	57	-	-	1	3.9				3	8-12	3.4-5.4	3.4-5.4
Didsbury	c.	c.o.c	bc.z	70	55	47	-	4	4				4	13-18	5.6-7.9	5.6-7.9
Falmouth	c.g.	pd.g.g	r.r.r.	63	56	56	1	14	1.2				5	19-24	8.0-10.7	8.0-10.7
Calshot (Hants)	c.o.c	c.v	c.o	65	57	5	-	-	67				6	25-31	10.8-13.3	10.8-13.3
Lympe (Folkestone)	c.g.c	bc.b	o.f.b	67	51	44	-	-	12.4				7	32-38	13.0-17.1	13.0-17.1
Aberdeen	z.f.r.	z.f.e	z.f.c	65	53	51	-	-	12.7				8	39-46	17.9-20.7	17.9-20.7
Howden	bc.b	bc	w.b.c	75	45	44	-	-	11.4				9	47-54	20.8-24.4	20.8-24.4
Cranwell (Lincs)	bc.c	bc.b	bc.b	74	47	-	-	-	14.7				10	55-63	24.5-28.4	24.5-28.4
Felixstowe	bc.	bc.b	bc.v	74	50	51	-	-	12.4				11	64-75	28.5-33.5	28.5-33.5
Shoeburyness	bc.	bc	bc.v	74	50	51	-	-	12.4				12	Above 75	23.6 or above	23.6 or above
Benson	bc.	bc	bc.v	74	50	51	-	-	12.4							
S. Farnborough	c.o.f	c.b.c	bc.b	73	55	53	-	1	4.3							
London (Kew Obs.)	c.o.c	c.b.c	bc.b	73	57	51	-	-	5.8							
Croydon	c.o.c	c.b.c	bc.b	72	54	4	-	-	6							

LONDON. OBSERVATIONS.		WEATHER.		Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	Rain- fall. in.	Sun- shine to Sunset. Hours.	Humidity % 10 h. 9 h. G.M.T. 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.	24 HOURS ENDED WM G.M.T. 20 th June 1920.						YESTERDAY TO-DAY.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.	20 th & 21 st June 1920.			
													Stations.	Sunrise.	Noon.	Sunset.
Greenwich (Royal Observatory)	c	c.b.c	b.o.r	79	54	46	1	9.2	63	95	Total Joules. Milliwatts.	Yarmouth ...	G.M.T.	G.M.T.	G.M.T.	
City (Bunhill Row)	"	"	"	"	"	"	"	"	"	"			G.M.T.	G.M.T.	G.M.T.	
Westminster (St. James's Park)	"	"	"	72	57	51	2	-	56	93	Average Rate.	Greenwich	3.31	11.54	8.17	
" (Admiralty Arch)	"	"	"	"	"	"	"	"	"	"			G.M.T.	G.M.T.	G.M.T.	
Camden Sq. (British Rainfall)	o.b.c	c.b.c	"	76	57	52	2	"	55	89	Maximum Rate.	Wick	3.44	12.1	8.15	
Kensington Palace	o.b.c	o.b.c	"	72	57	52	2	"	61 (10h)	92			G.M.T.	G.M.T.	G.M.T.	
Hamstead Observatory	c.o.b.c	o.b.c	b.o.r	69	55	4	2	4.4	"	92		Valencia ...	3.7	12.13	9.19	
													4.22	12.42	9.2	

NOTES ON THE WEATHER OF YESTERDAY.

Rain fell over a wide area in the West and South-West, the heaviest fall occurring at Falmouth (15 mm). A thunderstorm occurred during the night at Donaghadee. The day was generally fine and warm in the East and North, more than 14 hrs. of sunshine being recorded at Clacton and Cranwell. Temperature rose to 78° at Greenwich and 76° at Southend.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 21396

MONDAY..21st JUNE.....1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 12h AND 18h.																											
STATIONS.	BAROM. at M.S.L. mb.	1 Change in 3 hours.	WIND.		TEMP. °F.	HUMIDITY. %	VISIBILITY 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM. at M.S.L. mb.	2 Change in 3 hours.	WIND.		TEMP. °F.	HUMIDITY. %	VISIBILITY 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	
			Dir.	Force 0-12.					Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dir.	Force 0-12.					Form.	Amt. 0-10.	Form.	Amt. 0-10.		
13h. G.M.T. 20 th																											
Renfrew...	1001.4	-1	SSW	4	63	75	8	2000	Cu	7	-	-	-	1002.2	+2	S	5	59	75	8	3000	Nb	9	Acu	1	-	
Eskdalemuir...	1002.9	-1	SSW	5	58	75	7	3000	St.Cu	9	-	-	-	1004.1	0	SSW	5	55	85	7	2000	St.Cu	9	-	-	-	
Valencia (Cahire'n)	1005.6	+3	SW	5	60	75	7	2000	Cu	5	-	-	-	1007.5	+4	SW	5	58	75	9	3000	St.Cu	9	-	-	-	
Baldonnel...	1002.9	-4	SW	5	65	65	8	3000	St.Cu	10	-	-	-	1004.6	+2	W	5	59	75	7	3000	St.Cu	5	Acu	2	-	
18h. G.M.T. OF 20 th																											
Didsbury...	1006.8	-2	SSE	4	60	85	4	750	Nb	10	-	-	-	1006.5	0	WSW	3	63	65	9	2000	St.Cu	4	Acu	4	-	
Falmouth...	1009.6	+1	SW	2	64	85	4	-	Cu	6	-	-	-	1014.8	+2	SW	4	60	85	4	-	St.Cu	7	-	-	-	
Calshot (Hants)...	1010.8	-2	SSW	4	61	97	5	750	Nb	10	-	-	-	1010.7	0	SW	4	59	97	5	750	Nb	10	-	-	-	
Lympne (Folkestone)...	1012.1	-1	SSW	6	59	97	7	750	Nb	10	-	-	-	1011.8	-1	SSW	7	59	97	1	<500	Nb	10	-	-	-	
1h. G.M.T. OF 21 st																											
Aberdeen...	1003.3	-3	SSE	4	54	92	3	-	Nb	10	-	-	-	1001.3	-2	SSW	4	59	65	5	-	-	-	-	-	-	
Howden...	1007.4	-1	SSE	4	59	97	5	1250	Nb	10	-	-	-	1006.1	0	S	3	62	97	5	750	Nb	10	-	-	-	
Cranwell (Lines)...	1009.2	-2	S	4	60	92	5	1250	Nb	10	-	-	-	1007.9	-1	SSW	3	62	97	5	750	Nb	10	-	-	-	
Felixstowe...	1011.8	-2	SW	1	61	92	6	2000	CuNb	10	-	-	-	1010.6	-1	SW	2	61	92	6	2000	CuNb	10	-	-	-	
Shoeburyness...	1008.9	-1	S	3	60	97	6	-	Nb	10	-	-	-	1008.9	0	SSW	2	60	92	4	-	Nb	10	-	-	-	
Benson...	1010.7	-2	SSW	3	61	92	6	1250	Nb	10	-	-	-	1010.2	0	SW	2	60	97	7	1250	Nb	10	-	-	-	
S. Farnborough...	1010.8	-1	S	3	62	85	6	2000	Nb	9	Ast	1	-	1009.7	-1	SSW	3	62	92	5	2000	Nb	9	Ast	1	-	
London (Kew Obs.)...	1010.8	-1	S	3	62	85	6	2000	Nb	9	Ast	1	-	1010.7	-1	SW	3	61	97	6	750	Nb	10	-	-	-	
Croydon...	1011.6	-1	SSW	3	59	97	6	750	Nb	10	-	-	-	1010.7	-1	SW	3	61	97	6	750	Nb	10	-	-	-	
7h. G.M.T. OF 21 st																											
Renfrew...	1007.2	+2	SSW	3	50	92	7	-	St.Cu	10	-	-	-	1010.7	+6	SSW	5	54	85	6	2000	St.Cu	10	-	-	-	
Eskdalemuir...	1011.2	+2	WSW	4	54	-	-	-	-	-	-	-	-	1011.9	+4	SSW	4	51	75	6	3000	St.Cu	6	Ast	2	-	
Valencia (Cahire'n)	1009.9	+2	SSW	4	57	85	4	3000	St.	3	-	-	-	1015.5	+4	WSW	4	54	85	8	2000	St.Cu	8	Ast	2	-	
Baldonnel...	1009.9	+2	SSW	4	57	85	4	3000	St.	3	-	-	-	1014.5	+6	SSW	5	54	85	7	3000	St.Cu	9	-	-	-	
24 HOURS ENDED 7h. 21 st																											
Didsbury...	1015.9	+2	WSW	3	53	92	7	-	-	-	-	-	-	1015.1	+6	WSW	4	58	75	5	-	-	-	-	-	-	
Falmouth...	1015.9	+2	WSW	3	53	92	7	-	-	-	-	-	-	1019.4	+5	WSW	3	57	85	7	-	Cu	2	-	-	-	
Calshot (Hants)...	1014.9	+3	W	2	55	92	6	2000	St.	2	-	-	-	1019.2	+5	WSW	3	58	85	7	2000	Fr.Cu	2	-	-	-	
Lympne (Folkestone)...	1013.9	+2	-	0	55	97	5	2000	St.	8	-	-	-	1018.0	+4	WNW	3	56	92	6	1250	St.	2	-	-	-	
Aberdeen...	1010.1	+2	-	0	57	92	6	3000	St.	3	Ast	2	-	1007.8	+4	SW	4	58	65	6	-	-	-	-	-	-	
Howden...	1010.1	+2	-	0	57	92	6	3000	St.	3	Ast	2	-	1016.4	+4	W	4	56	85	5	-	-	-	-	-	-	
Cranwell (Lines)...	1012.2	+1	SW	3	56	92	5	3000	St.	4	Ast	2	-	1017.3	+3	WNW	3	58	55	8	-	-	-	-	-	-	
Felixstowe...	1012.2	+1	SW	3	56	92	5	3000	St.	4	Ast	2	-	1017.3	+3	WNW	3	58	55	8	-	-	-	-	-	-	
Shoeburyness...	1012.2	+1	SW	3	56	92	5	3000	St.	4	Ast	2	-	1018.0	+6	W	2	58	75	5	3000	Cu	2	-	-	-	
Benson...	1012.2	+1	SW	3	56	92	5	3000	St.	4	Ast	2	-	1017.2	+6	WSW	2	57	85	5	-	Cu	6	-	-	-	
S. Farnborough...	1012.2	+1	SW	3	56	92	5	3000	St.	4	Ast	2	-	1018.4	+6	W	4	57	85	7	2000	Fr.Cu	1	-	-	-	
London (Kew Obs.)...	1013.6	+4	W	3	55	92	6	2000	St.	2	Ast	3	-	1018.6	+5	WNW	2	57	85	6	3000	Cu	2	-	-	-	
London (M.O. at 1h.)...	1013.6	+4	W	3	55	92	6	2000	St.	2	Ast	3	-	1018.4	+4	W	3	57	85	6	2000	Fr.Cu	1	-	-	-	
Croydon...	1014.5	+4	WSW	3	55	92	6	2000	St.	2	Ast	3	-	1018.4	+4	W	3	57	85	6	2000	Fr.Cu	1	-	-	-	
STATIONS CONTRIBUTING REPORTS AT 7h. AND 18h.																											
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		WEATHER.	BAROMETER at M.S.L. mb.	TEMP. °F.	CHANGE in 3 hours.	WIND.	WEATHER.	SEA 0-9.	RAINFALL mm.	TEMP.			WEATHER.			SUNSHINE Hours.								
			Dir.	Force 0-12.					Dir.	Force 0-12.			Max. °F.	Min. °F.	Morning.	Afternoon.	Night.										
18h. G.M.T. OF 20 th																											
Lerwick...	1004.2	55	SSE	7	ompq	1004.1	+4	55	-3	S	2	-	61	49	bcq	ompq	bom	-									
Stornoway...	996.0	60	S	6	bcq	1001.9	+5	54	-1	SW	5	-	64	52	bc	bcq	bepgm	9.0									
Castlebay (Barra)...	996.5	56	SW	5	c	1004.9	?	54	0	WSW	5	-	57	53	coc	coc	coc	10.2									
7h. G.M.T. OF 21 st																											
Malin Head...	999.5	57	SW	5	bc p	1008.9	+3	54	-3	SW	2	-	61	50	bc	bc p	cmq c	-									
Blacksod Point...	1009.1	59	WSW	5	c	1016.4	+6	57	-1	W	3	-	62	53	coc p	c	c	-									
Roche's Point...	1005.3	58	W	2	c	1014.2	?	56	0	SW	2	-	65	51	c	cp	c	9.8									
Birr Castle...	1007.6	65	SW	3	bc	1011.6	+4	55	-1	SW	3	-	66	50	bom	bc p	bom	-									
Donaghadee...	1007.6	65	SW	3	bc	1011.6	+4	55	-1	SW	3	-	66	50	bom	bc p	bom	-									
Liverpool (Bidston)...	1005.8	62	WSW	4	c	1014.9	+4	57	+1	WSW	3	-	67	53	op	bc c	bc b	4.3									
Holyhead...	1005.8	57	SW	6	cq g	1014.4	+5	56	0	SW	4	-	60	51	fecba	bbaq	c.c.bee	8.0									
Pembroke (St. Ann's Head)...	1009.3	57	SW	4	b	1017.7	+4	55	-1	WSW	3	-	60	54	oc	bc	b	5.4									
Silly (St. Mary's)...	1012.3	59	W	4	bc	1019.3	+3	55	-2	W	3	-	62	54	dpo c	c bc	b.b.c	5.7									
Jersey (St. Aubin)...	1012.9	59	W	4	or	1020.6	+2	58	-1	WNW	4	-	63	53	oro	or	om.b	0.0									
Portland Bill...	1010.0	57	WSW	5	c	1018.0	+6	57	-1	WSW	4	-	59	54	omt	omt c	bc	-									
Dungeness...	1011.5	59	S	3	r	1017.8	+4	?	?	NW	3	-	63	48	cp cor	or	or.c.b	-									
Wick...	997.8	55	S	5	cm	1003.8	+4	56	+3	SW	3	-	59	52	omr.dq	odm.cm	cm.b.c	-									
Nairn...	998.2	68	SW	5	c	1005.0	?	57	-3	SW	4	-	75	50	pg.be	bcge	gc.be	6.2									
Leith...	1000.9	66	SW	3	bc	1009.8	+2	55	-2	SW	3	-	7	51	rm.c.c	c.b.c	bc.b.c	-									
Tynemouth...	1003.8	65	SW	4	bcm	1011.9	+5	58	+2	WSW	2	-	66	54	omr	om	bcm	-									
Spurn Head...	1007.5	60	S	4	opm	1015.4	+5	58	+1	W	3	-	60	52	ogp	opm	cm	-									
Yarmouth (Not. Island)...	1010.7	60	SW	4	r	1015.0	+4	56	-3	NW	3	-	66	54	omr.or	omr	omr.b.c	0.0									
Clacton-on-Sea...	1010.7	62	SSW	4	r	1016.8	+5	57	-4	W	3	-	64	54	c.vogv	ogx	ogv.b.c	0.4									
Nottingham...	1007.1	63	SW	2	o	1016.1	?	56	0	W	2	-	63	49	r	r p	o.c	0.2									

SUMMARY OF CONDITIONS AT 7 A.M. G.M.T. Monday, 21st June, 1920.

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

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

A deep depression over Iceland will move slowly North-East, but the wind will remain between South-West and West. Over the southern half of the kingdom the weather will be fair to fine with local showers only but further north cloudier and less settled weather is probable. Settled fine weather is not likely to set in during the next few days.

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

Districts.	Forecasts for the 24 hours commencing 7h. G.M.T. Monday 21st June, 1920.	Further Outlook.
1. S.E. England	Moderate South-West to West wind; fair to fine with local showers only; visibility good; temperature somewhat above normal.	Settled fine weather improbable during the next few days.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales		
7. North Wales		
8. N.W. England	Moderate to fresh South-West wind; mainly cloudy and showery but some bright intervals; visibility fair to good; temperature about normal.	
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	Same as 1 - 8.	
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 MONDAY, 21ST JUNE, 1920.

Scale - 1:10,000,000

Nautical Miles.
Statute Miles.

Barometer

LOW

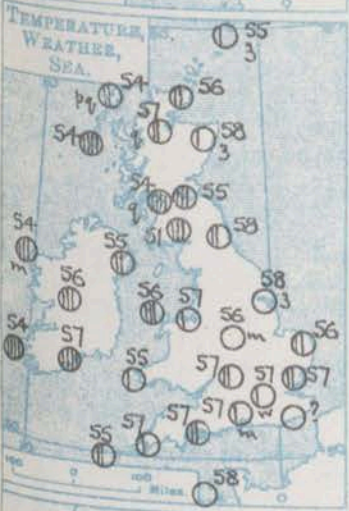
*inclined
to fall*

Barometer

rising

HIGH

generally



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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PARTS 1 & 2)		
Code	Objects not visible at	in 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	(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	

The reports for France refer to 6 a.m. G.M.T.

R.A.F.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 173

Monday,
21st June

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

STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-0h. 19 th W.	Day. 0h-17h. 20 th ..	to 17h. 20 th ..	Sunrise to Sunset. 19 th ..			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-0h. 19 th W.	Day. 0h-17h. 20 th ..	to 17h. 20 th ..	Sunrise to Sunset. 19 th ..
Scotland.	Oban									England, N.W.	Douglas (L.O.M.)								
	Banff	or	ocbc	64	54	0.1	0.1	2.3	13.9		Blackpool	r	oc	66	56	3	-	3.6	6.0
	Montrose										Southport	oco	bc.b	67	58	3	-	3.9	7.0
	St. Andrews																		
England, N.E.	Harrogate	orc	cpc	73	53	3	1	0.4	12.0	Midlands.	Buxton								
	Scarborough										Leamington Spa	or	or	64	53	-	9	0.0	7
	Skegness										Malvern								
											Ross-on-Wye	rd.or	ropoc	67	55	3	2	0.5	3.2
England, E.	Lowestoft	becor	or	63	55	-	4	1.9	?	Wales.	Bath	r	ro	61	56	4	7	0.0	1.5
	Felixstowe	ogu	or	63	57	-	4	1.0	14.6		Rhyl	oc	bc	65	56	4	-	3.6	?
	Southend-on-Sea	odr	r	65	54	-	7	0.5	11.9		Colwyn Bay	*	*	66	53	2	-	5.5	?
											Llandudno	c	cbe	65	56	1	-	5.5	5.4
England, S.E.	Tunbridge Wells	or	or	65	53	0.3	9	0.0	9.2	England, S.W.	Aberystwyth								
	Margate	bec	r	67	53	-	5	2.0	11.2		Swansea								
	Ramsgate	*	*								Weymouth								
	Folkestone										Teignmouth								
	Hastings	od	motm	61	54	-	9	0.7	10.2	Torquay	or	or	61	56	8	5	0.0	0.2	
	Eastbourne	or	r	60	55	-	16	0.5	10.9	Paignton									
	Brighton	or	or	59	57	0.2	16	0.0	?	Penzance	orc	bec	63	57	13	3	3.3	0.4	
	Worthing	r	r	60	56	-	7	0.0	11.7	Newquay									
	Littlehampton	omr	omr	62	56	2	14	0.0	5.6	Bude	r	cbe	63	57	5	2	3.7	1.3	
	Portsmouth (S. Sea)	or	or	61	56	0.4	19	0.0	7.1	Ilfracombe	or	ocbc	63	57	2	4	3.0	1.9	
	Bournemouth	*	*	59	55	5	33	0.0	2.5	Weston-s-Mare	r	r bec	63	55	4	9	0.1	?	
	Ventnor (I. of W.)	*	*	64	54	3	23	0.0	4.8	Tenby									

SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	7h-10h 20h	10h-15h 20h	Max. °F.	Min. °F.	Night. 17h-0h.	Day. 0h-17h.	to 17h.	Sunrise to Sunset.
Renfrew	c. opd	bec	67	52	49	0.3	4.9	
Eskdalemuir	od	c. c	60	45	41	7	3.1	
Valencia (Cahireveen)	c. p. bec	bec	62	52	49	-	8.9	
Baldonnel	coq	q p	66	49	-	Trace	8.3	
Didsbury	orr	c. o	67	49	39	3	-	2.4
Falmouth	rrr	z. f. c.	64	51	47	3	-	0.0
Calshot (Hants)	dr	rr	61	53	57	18	2	0.0
Lympne (Folkestone)	rrr	RR. 24.9.0	62	52	50	14	7	0.5
Aberdeen	0.3. rr	0.3. f. c.	59	52	45	2	*	3.2
Howden	0.2. RR	0.2. rr	*	*	*	12	Trace	0.0
Cranwell (Lincs)	rr	rr	62	50	*	*	*	*
Felixstowe	rr	c. o. bec	65	54	*	*	*	*
Shoeburyness	rr	rr	65	54	57	8	4	0.3
Benson	c. rr	rr	61	47	42	11	1	*
S. Farnborough	0.2. rr	0.2. f. c.	61	47	38	11	2	0.0
London (New Obs.)	pa. rr	dd. rr	63	53	45	14	3	0.0
Croydon	0.4. rr	0.4. rr	61	52	*	9	2	*

BEAUFORT NOTATION.

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

THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.

Limits of Velocity at about 30 feet above ground.

No.	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.6-3.2
3	8-12	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	28.5-32.5
12	Above 75	32.6 or above

SYMBOLS—

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

LONDON OBSERVATIONS.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Morning.	Afternoon.	Night.	Max. °F.	Min. °F.	Night. 17h-0h.	Day. 0h-17h.	to 17h.
Greenwich (Royal Observatory)	or	or	or bc	64	52	46	11	0.0
City (Bonhill Row)	*	*	*	*	*	*	*	0.2
Westminster (Spadina's Park)	*	*	*	64	52	44	13	0.0
" (Admiralty Arch)	or	or	or bc	64	54	*	13	0.0
Camden Sq. (British Rainfall)	*	*	*	66	51	48	14	*
Kensington Palace	or	or	*	64	52	47	14	94 (18h)
Hampstead Observatory	*	*	*	60	50	*	15	0.0

SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.	HUMIDITY %	
	10h.	9h.
	G.M.T.	G.M.T.
Total	48.3	66
Average Rate. 8.4		
Maximum Rate. 11		

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

21st & 22nd JUNE 1920.			
Stations.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	3.31	11.54	8.17
Greenwich	3.32	11.54	8.18
Wick	3.7	12.13	9.19
Valencia	4.22	12.42	9.2

Photographic Record of

Pole Star (Polaris) and of δ Ursae

Minoris at Greenwich Observatory.

Exposure from 20^h 21.1.30 m to 21^h 2.1.30 m.

Stars.	Duration of Exposure.	Duration of Record.	%
Polaris	5 0	2 40	53
δ Ursae Minoris	5 0	2 21	47

NOTES ON THE WEATHER OF YESTERDAY.

The heaviest falls of rain were in the South, 21 mm at Lympne and Portland, 20 mm at Calshot and 19 mm at Yarmouth. There were some good records of sunshine, about 10 hours at Birr Castle and in the Hebrides. The highest temperatures recorded were in the North, 75° at Nairn and 73° at Harrogate, while at some South coast stations the temperature failed to reach 60°.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 21,397

...TUESDAY, 22nd JUNE.....1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 13h AND 19h.																											
STATIONS.	Barom. at M.S.L. mb.	Change in 2 hours.	Wind. Dirac. Force 0-12.	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	Barom. at M.S.L. mb.	Change in 2 hours.	Wind. Dirac. Force 0-12.	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	
									Form.	Amt. 0-10.	Form.	Amt. 0-10.										Form.	Amt. 0-10.	Form.	Amt. 0-10.		
									13h. G.M.T. of 21 st																		
Renfrew...	1014.9	+5	SW	4	58	75	7	2000	Sc	8	-	-	-	1018.0	+4	WSW	2	58	75	7	2000	Sc	8	-	-	-	-
Esksdalemuir...	1016.7	+3	WSW	4	58	85	7	-	Sc	6	A St	3	-	1019.0	+3	SW	4	56	75	7	3000	Sc	10	-	-	-	-
Valencia (Cahire'n)	1019.3	+4	SW	4	58	75	7	3000	Sc	4	A St	6	5	1019.8	+1	SW	4	58	85	7	2000	Sc	6	A St	4	4	4
Baldonnel	1017.3	+3	WSW	3	58	65	7	2000	Sc	6	A St	2	-	1019.7	+2	SW	4	59	75	7	3000	Sc	8	A St	2	-	-
19h. G.M.T. of 21 st																											
Didsbury	1018.8	+1	WSW	4	62	65	7	3000	Sc	4	A St	2	-	1020.8	+2	W	3	61	85	6	3000	Sc	2	A St	8	-	-
Falmouth	1022.5	+2	SW	4	60	65	6	-	Sc	6	-	-	-	1024.2	+2	SW	3	60	75	5	-	Sc	5	-	-	-	-
Calshot (Hants)	1022.3	+3	SW	4	60	65	8	1200	Sc	5	A St	1	3	1023.8	+2	SW	4	60	85	8	1200	Sc	3	A St	7	3	3
Lymington (Folkestone)	1020.8	+3	SW	3	60	65	8	2000	Sc	6	A St	3	-	1022.7	+1	SW	3	60	75	8	1200	Sc	3	A St	6	-	-
Aberdeen	1021.1	+5	WSW	4	60	55	8	-	Sc	5	-	-	3	1015.8	+5	WSW	3	66	55	8	-	Sc	3	-	-	-	3
Howden	1018.1	+1	WSW	4	60	65	6	1200	Sc	4	A St	2	-	1020.4	+2	SW	1	62	75	6	1200	Sc	3	A St	7	-	-
Cranwell (Lines)	1019.3	+4	SW	2	67	65	7	3000	Sc	6	A St	1	3	1021.4	+2	W	2	64	65	6	1200	Sc	5	A St	4	-	-
Felixstowe	1020.1	+2	WSW	2	67	55	8	1200	Sc	5	A St	2	-	1022.3	+2	W	2	69	45	8	1200	Sc	2	A St	0	-	-
Shoeburyness...	1020.8	+4	WSW	2	66	55	7	1200	Sc	5	A St	4	-	1022.2	+3	W	1	66	55	7	1200	Sc	2	A St	2	-	-
Benson	1020.4	+6	WSW	3	67	65	6	-	Sc	8	-	-	-	1022.3	+3	WSW	1	66	55	7	-	Sc	5	-	-	-	
S. Farnborough	1020.8	+2	WSW	4	67	65	7	2000	Sc	8	A St	1	-	1022.5	+2	SW	4	65	75	6	2000	Sc	6	A St	3	-	-
London (Kew Obs.)	1021.2	+2	WSW	2	67	65	8	1200	Sc	6	A St	2	-	1022.6	+2	SW	4	68	65	8	3000	Sc	9	-	-	-	-
Croydon	1021.2	+2	WSW	2	67	65	7	3000	Sc	6	A St	2	-	1022.6	+2	WSW	2	68	65	7	3000	Sc	4	A St	4	-	-
7h. G.M.T. of 22 nd																											
Renfrew...	1022.4	+2	-	0	49	92	7	-	Sc	10	-	-	-	1021.1	+1	SSW	1	55	85	5	1200	Sc	5	A St	5	-	-
Esksdalemuir	1022.4	+2	-	0	49	92	7	-	Sc	10	-	-	-	1023.5	+1	-	0	51	92	6	3000	Sc	9	A St	1	-	-
Valencia (Cahire'n)	1020.8	0	SSW	2	56	-	-	-	-	-	-	-	-	1019.7	0	SSW	6	57	92	3	750	Sc	10	-	-	-	4
Baldonnel	1022.3	+1	SSW	2	53	85	5	1200	Sc	6	A St	2	-	1022.4	0	S	3	57	85	6	1200	Sc	5	A St	5	-	-
Didsbury	-	-	-	-	-	-	-	-	-	-	-	-	-	1024.8	+4	SW	1	57	85	5	1200	Sc	4	A St	3	-	-
Falmouth	1026.1	+1	SW	1	54	97	6	-	Sc	1	-	-	-	1027.0	+2	-	0	58	85	7	-	Sc	2	A St	1	-	-
Calshot (Hants)	1025.9	+2	NNW	2	57	85	6	3000	Sc	9	-	-	2	1027.5	+2	NNW	2	59	85	8	-	-	-	A St	4	2	
Lymington (Folkestone)	1024.8	+2	-	0	53	97	8	-	-	-	-	-	-	1025.8	+3	NNW	1	59	85	5	-	-	-	A St	5	-	
Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	1022.0	+1	SSW	2	61	65	6	-	-	-	A St	1	2	
Howden	1023.6	+1	-	0	60	97	6	1200	Sc	4	A St	4	-	1024.7	+1	SSW	1	61	85	6	2000	Sc	2	A St	4	-	-
Cranwell (Lines)	1025.2	0	W	3	56	92	5	3000	Sc	10	-	-	-	1025.9	+2	WSW	3	57	75	5	-	-	-	A St	2	-	
Felixstowe	-	-	-	-	-	-	-	-	-	-	-	-	-	1026.3	+2	NNW	2	62	65	6	-	-	-	A St	3	0	
Shoeburyness...	-	-	-	-	-	-	-	-	-	-	-	-	-	1026.7	+3	NNW	1	62	65	6	-	-	-	A St	2	-	
Benson	-	-	-	-	-	-	-	-	-	-	-	-	-	1025.7	+2	-	0	60	85	5	-	-	-	A St	5	-	
S. Farnborough	-	-	-	-	-	-	-	-	-	-	-	-	-	1026.8	+3	SSW	1	62	75	7	-	-	-	A St	8	-	
London (Kew Obs.)	1025.0	+2	-	-	-	-	-	-	-	-	-	-	-	1027.0	+2	N	1	62	75	5	-	-	-	A St	3	-	
Croydon	1025.6	+2	SW	1	60	85	6	2000	Sc	4	-	-	-	1026.7	+2	SW	1	60	75	6	-	-	-	A St	4	-	
STATIONS CONTRIBUTING REPORTS AT 7h. AND 19h.																											
STATIONS.	Barom. at M.S.L. mb.	Temp. °F.	Wind. Dirac. Force 0-12.	Weather.	Barometer.		Temperature.		Wind.		Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	Temp.		Weather.			Sunshine Hours.							
					at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dirac.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.								
					19h. G.M.T. of 21 st																						
Lerwick	1013.7	57	SW	2	1020.6	+3	53	-2	S	1	-	omp	0	2	61	50	bc	bc	omp	-							
Stornoway	1013.2	58	SW	5	1018.0	+1	53	-1	S	4	-	0	3	2	61	51	cpq	cpq	c.o	5.9							
Castlebay (Harris)	1013.3	57	SW	4	1017.9	0	54	0	SSE	4	-	0	4	1	56	51	0 cm	cm 0 bc	bcpc 0	8.5							
7h. G.M.T. of 22 nd																											
Malin Head	-	-	-	-	1015.0	-3	58	+2	S	5	-	omp	4	4	61	53	bc	cm	omp	-							
Blacksod Point	1020.9	58	SW	4	1022.9	+1	57	0	SSW	4	-	0	4	0.1	60	56	co	0 co	0	-							
Roche's Point...	1019.5	58	SW	1	1020.3	-	57	+1	SW	1	-	0	-	-	62	53	c	0	0	3.0							
Birr Castle	-	-	-	-	1021.1	+1	56	+1	SW	2	-	cm	2	1	64	52	bc	cg	cm	-							
Donaghadee	1021.1	57	WSW	3	1024.6	+1	58	-1	SSW	1	N	c	1	-	61	53	c	0	0	6.5							
Liverpool (Biston)	1020.2	56	SW	4	1023.6	+1	58	-1	S	4	-	omp	3	-	61	53	c bc	c cg	0.0	4.7							
Holyhead	1022.1	56	SW	3	1025.8	+1	56	+1	SSW	3	SW	0	3	-	59	55	bc	bc 0	0.0	8.0							
Pembroke (St. Mary's)	1024.6	57	W	2	1020.6	+1	57	+2	W	2	N	bc	3	-	63	55	bc	bc 0	c. bc	10.0							
Scilly (St. Mary's)	1025.0	62	NNW	3	1027.9	+1	60	+2	W	3	-	bc	3	-	64	51	bc	bc	bc	13.5							
Jersey (St. Aubin)	1023.1	59	WSW	5	1025.1	+2	57	0	NNW	1	-	bc	3	-	60	55	bc	bc 0	0. bc	-							
Portland Bill	1022.8	61	SW	4	1026.1	+2	61	+13	W	2	N	bc	2	-	64	46	bc	bc	c. bc	-							
Dunneen	-	-	-	-	1019.4	+2	55	-1	SW	2	-	bc	2	1	62	48	bc	cp	cp. bc	-							
Wick	1014.3	60	WSW	3	1019.4	-	59	+2	-	0	-	bc	1	-	67	44	bc	bc	bc	12.2							
Nairn	1013.2	60	WSW	4	1019.4	-	59	+2	-	0	-	bc	1	-	65	50	c. bc	bc	bc	-							
Leith	1017.0	62	SW	2	1022.1	+1	57	+2	W	1	N	c	1	-	65	50	c. bc	bc	bc	-							
Tynemouth	1018.1	58	W	3	1023.2	+1	58	0	WSW	1	-	bc	1	-	68	55	bc	bc	bc	-							
Spurn Head	1020.9	60	W	2	1025.5	+2	58	0	H	3	-	bc	3	-	67	54	bc	bc	bc	-							
Yarmouth (1000)	1021.7	60	SSW	2	1024.4	+2	57	+1	NNW	2	-	bc	1	-	67	55	bc	c	c. bc	11.7							
Clacton-on-Sea	1022.0	64	W	3	1025.8	+4	60	+3	NNW	2	-	bc	1	-	70	55	bc	bc	bc 0. bc	10.9							
Nottingham	1021.5	65	W	2	1025.6	-	55	-1	N	2	N	bc	-	-	69	50	bc	bc	bc	9.5							

* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

§ For code see page 3.

SUMMARY OF CONDITIONS AT 7 A.M. H.M.T Tuesday, 22nd June, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW-NW 2-5	R.Warm	Fine to cloudy, misty.	Fair	Smooth
2. E. England	W-NW 2-10	"	Fine or fair, local mist	"	"
3. E. Midlands	Wly 0-5	Moderate	Fine or fair, local mist	Indif	-
4. W. Midlands	SW-NW 0-5	"	Fine to cloudy.	"	-
5. S.W. England	W-NW 0-5	"	Fine or fair.	Good	Slight
6. South Wales	SSW 5-10	R.Warm	Dull.	Fair	"
7. North Wales	S 5-15	Moderate	Dull, local mist & gloom	Indif	"
8. N.W. England	S-SW 0-2	"	Cloudy or dull.	Fair	Smooth
9. N. Midlands	SW-W 0-5	"	Fine to cloudy.	Indif	-
10. N.E. England	SW-W 2-10	R.Warm	Fine or fair, misty.	"	Smooth
11. E. Scotland	SW-W 0-5	Warm.	Fine to cloudy local	Fair	Smooth
12. S.W. Scotland	SW 0-2	Moderate	Dull local mist.	Indif	"
13. Isle of Man	S-SW 2-10	"	Cloudy or dull.	"	"
14. N. & N.W. Scotland	S-SW 0-5	R.Warm	Fair to dull.	"	Slight
15. Hebrides	Sly 15	Moderate	Dull.	Fair	"
16. Orkneys and Shetlands	Sly 0-5	R.Warm	Dull, some mist & showers	Poor	Calm
17. N.W. Ireland	S 20-25	Moderate	Dull misty, rainy squally	"	Mod.
18. N.E. Ireland	S-SW 5-15	R.Warm	Cloudy or dull, local	Indif	Smooth
19. S.E. Ireland	S-SW 2-10	"	Dull. mist.	Fair	Slight
20. S.W. Ireland	SSW 15-25	Moderate	Dull local rain & mist.	Poor	Mod.

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

A fresh fall of the barometer in the west of Ireland suggests the formation of a secondary depression which will maintain changeable showery weather for two or three days in Scotland and Ireland and in the neighbourhood of the Irish Sea. Elsewhere fine weather is probable for at least 24 hours.

EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of two millibars.
WIND.—Direction is shown by arrow flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in small figures per hour by figures in small circles.
TEMPERATURE.—Isobars are drawn at intervals of two millibars.
WEATHER SYMBOLS.
 ○ clear sky. ○ sky 1 clouded.
 ○ sky 2 clouded. ○ sky 3 clouded.
 ○ overcast sky. ○ rain falling.
 * snow. △ hail. = fog. = thunder.
SEA DISTURBANCE.—Bough. High.

Districts.	Forecasts for the 24 hours commencing 15h. GMT. Tuesday 22nd June 1920.
1. S.E. England	Light to moderate Westerly wind; fine; visibility fair to good; rather warm.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Moderate SW to W wind; fair to dull, local showers; visibility fair to good; moderate temperature.
7. North Wales	Moderate to fresh SW to W wind; mainly cloudy, but some bright intervals; passing showers; visibility fair; moderate temperature.
8. N.W. England	
9. N. Midlands	
10. N.E. England	Same as 6.
11. E. Scotland	Same as 1 - 5.
12. S.W. Scotland	Same as 7 - 8.
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Further Outlook.

Unsettled for two or three days in Scotland and Ireland and in the neighbourhood of the Irish Sea, but mainly fair to fine elsewhere.

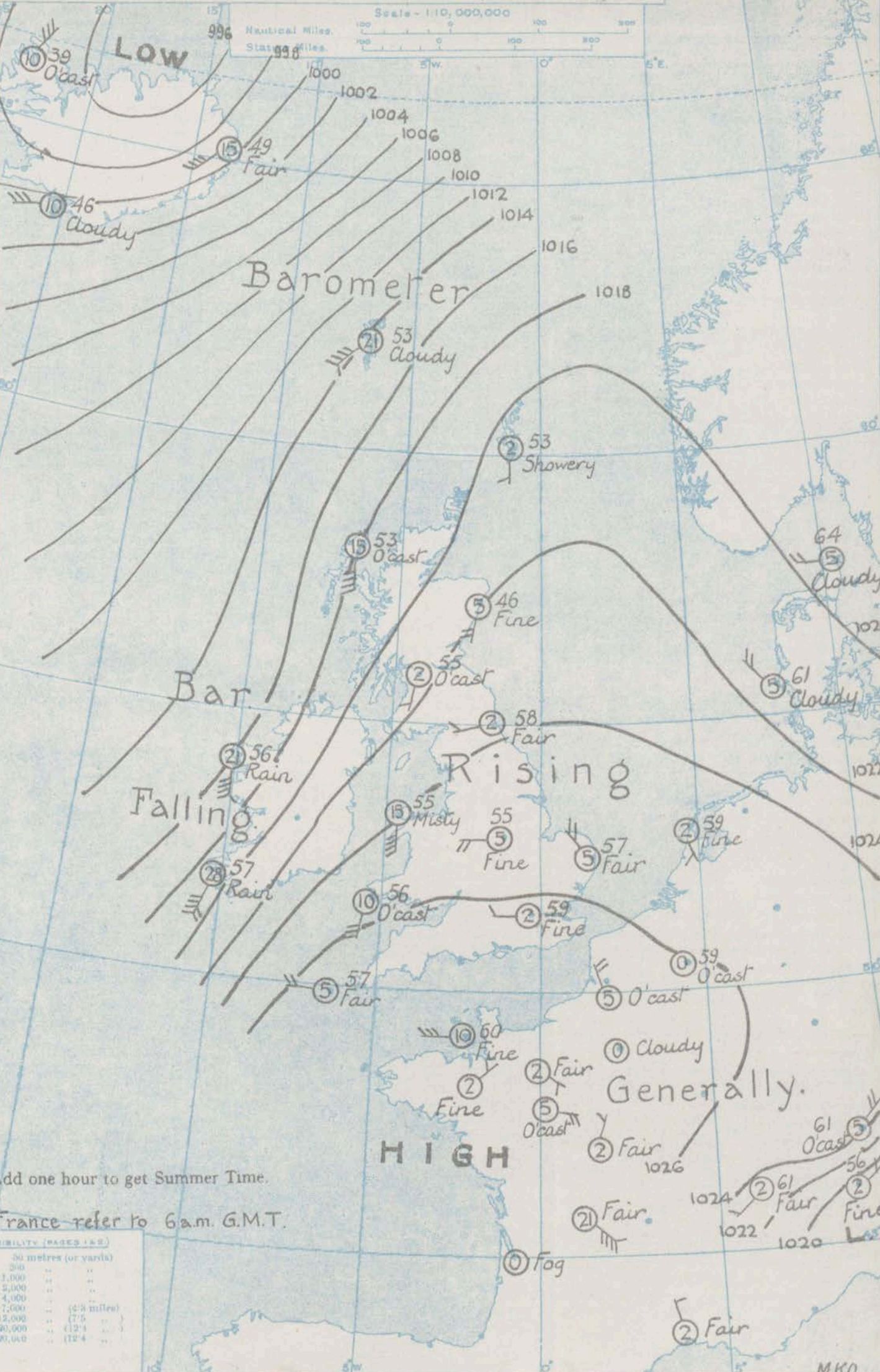
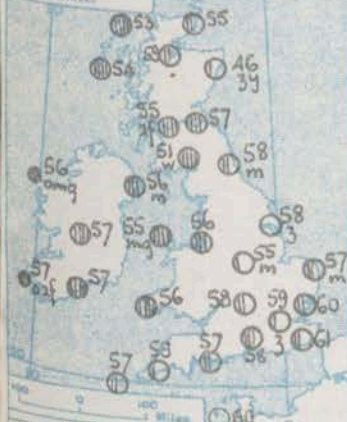
NOTE.
 1. Dense
 2. Very
 3. Very
 4. Very
 5. Indif
 6. Fair
 7. Good
 8. Very
 9. Exce

SYNOPTIC CHART FOR MORNING OF Tuesday, 22nd JUNE, 1920.

Scale - 1:10,000,000

Nautical Miles.
Statute Miles.

TEMPERATURE IN
WEATHER,
SEA.



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

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

TELEGRAPHIC CODES FOR SURFACE VISIBILITY (BASES 1-2)

Code	Visibility	Objects not visible at	Distance (metres or yards)
1	Dense fog	Objects not visible at	200 metres (or yards)
2	Very Bad	"	300 "
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	"

M.K.O.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 3. 174

Tuesday.
22nd June 1920

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 21 st																			
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-18h.	Day. 18h-17h.	to 17h. 21 st	Sunrise to Sun- set.			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-18h.	Day. 18h-17h.	to 17h. 21 st	Sunrise to Sun- set.
Scotland.	Oban ...	o	c o	58	52	1	-	2.6	?	England, N.W.	Douglas (I.O.M.)	o	o	60	50	-	-	6.2	?
	Banff ...	bc	bc	44	49	-	-	9.4	6.0		Blackpool ...	o	bc	65	54	-	-	9.5	6.2
	Montrose ...	b	b	61	51	-	-	11.7	?		Southport ...	o bc b	bc o bc	64	55	-	-	8.8	5.9
	St. Andrews ...	b	b	64	51	-	-	12.1	?										
England, N.E.	Harrogate ...	c bc b	b bc b	66	50	-	-	10.7	1.7	Midlands.	Buxton ...	bc b	o bc c b	63	49	-	-	6.4	?
	Scarborough ...	b	b	70	53	0.2	-	10.7	?		Leamington Spa ...	c c b	c b	63	48	-	-	6.3	0.0
	Skegness ...	bc bc	o bc	69	51	7	-	8.3	?		Malvern ...	bc	c b	66	51	-	-	6.3	?
England, E.	Lowestoft ...	b bc	bc	67	53	9	-	9.1	1.9	Wales.	Ross-on-Wye ...	b bc o p	bc bc y	69	50	-	-	7.0	0.8
	Felixstowe ...	bc	bc	70	55	10	-	11.8	1.0		Bath ...	o bc c b	b bc c	67	52	-	-	7.6	0.0
	Southend-on-Sea ...	o bc	bc c	70	52	6	-	9.5	0.5		Rhyl ...	bc	bc c	65	53	-	-	7.4	5.3
											Colwyn Bay ...	"	"	64	54	-	-	6.0	8.2
England, S.E.	Tunbridge Wells ...	b bc	bc	68	51	8	-	7.6	0.0	Wales.	Llandudno ...	"	"	63	54	-	-	8.2	7.2
	Margate ...	"	bc o bc	67	56	7	-	7.9	2.0		Aberystwyth ...	o c b	bc c	61	56	-	-	5.5	?
	Ramsgate ...	b	"	67	52	12	-	8.4	?		Swansea ...	"	"	65	60	-	-	6.0	?
	Folkestone ...	c	"	70	53	11	-	1.0	?		Weymouth ...	c bc	bc c	67	52	0.2	-	11.1	?
	Hastings ...	b bc	c bc b	67	54	8	-	11.2	0.7	England, S.W.	Teignmouth ...	bc	bc	69	52	-	-	8.6	?
	Eastbourne ...	b	b	63	53	9	-	12.3	0.5		Torquay ...	b bc c	bc o	65	61	0.1	-	8.4	0.2
	Brighton ...	bc c	c bc	68	52	4	-	11.3	0.0		Paignton ...	bc	bc o	67	47	4	-	8.6	?
	Worthing ...	bc	b	68	51	1	-	11.2	0.0		Penzance ...	bc	bc	66	52	-	-	9.6	0.0
	Littlehampton ...	bc	bc	63	50	8	-	10.0	0.0		Newquay ...	b	bc	62	53	2	-	10.0	?
	Portsmouth (S. base) ...	"	"	67	53	2	-	11.2	0.0		Bude ...	b	bc c b	63	55	1	-	8.5	3.7
	Bournemouth ...	"	"	67	49	18	-	11.5	0.0		Ilfracombe ...	bc	bc c o	62	55	-	-	9.1	3.3
	Ventnor (I. of W.) ...	"	"	60	51	5	-	8.4	0.0		Weston-s-Mare ...	bc b	b bc	65	56	-	-	8.5	0.1
											Tenby (Wales) ...	o bc	L c o	65	55	-	-	7.5	?

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.									
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUN.											
		7h-12h	12h-17h	17h-21h	21h-24h	7h-12h	12h-17h	17h-21h	21h-24h										
Renfrew ...		bc	bc	bc	bc	0.02	0.02	0.02	0.02										
Eskdalemuir ...		bc	bc	bc	bc	0.0	0.0	0.0	0.0										
Valencia (Cahirovren) ...		bc	bc	bc	bc	0.0	0.0	0.0	0.0										
Baldonnel ...		bc	bc	bc	bc	0.0	0.0	0.0	0.0										
Didsbury ...		bc	bc	bc	bc	0.0	0.0	0.0	0.0										
Falmouth ...		bc	bc	bc	bc	0.0	0.0	0.0	0.0										
Calshot (Hants) ...		bc	bc	bc	bc	0.0	0.0	0.0	0.0										
Lympne (Folkestone) ...		bc	bc	bc	bc	0.0	0.0	0.0	0.0										
Aberdeen ...		bc	bc	bc	bc	0.0	0.0	0.0	0.0										
Howden ...		bc	bc	bc	bc	0.0	0.0	0.0	0.0										
Cranwell (Lincs) ...		bc	bc	bc	bc	0.0	0.0	0.0	0.0										
Felixstowe ...		bc	bc	bc	bc	0.0	0.0	0.0	0.0										
Shoeburyness ...		bc	bc	bc	bc	0.0	0.0	0.0	0.0										
Benson ...		bc	bc	bc	bc	0.0	0.0	0.0	0.0										
S. Farnborough ...		bc	bc	bc	bc	0.0	0.0	0.0	0.0										
London (Kew Obs.) ...		bc	bc	bc	bc	0.0	0.0	0.0	0.0										
Croydon ...		bc	bc	bc	bc	0.0	0.0	0.0	0.0										

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).									
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUN.											
		Morning.	Afternoon.	Night.	Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	Rain-fall. mm.	Sun-shine in Sun-shine. Hours.										
Greenwich (Royal Observatory)		bc c o	o c	bc o b	73	52	45	-	10.6										
City (Bunhill Row)		bc	bc	bc	70	54	46	-	10.2										
Westminster (St. James's Park)		bc	bc	bc	70	54	46	-	10.8										
" (Admiralty Arch)		bc	bc	bc	72	56	-	-	11.4										
Camden Sq. (British Rainfall)		bc	bc	bc	74	54	49	-	4.7										
Kensington Palace		bc	bc	bc	71	54	48	-	5.7										
Hampstead Observatory		bc	bc	bc	68	52	47	-	9.5										

Photographic Record of

Pole Star (Polaris) and of 8 Ursae

Minoris at Greenwich Observatory.

Exposure from 21st 21 h. 30 m.
to 22nd 2 h. 30 m.

Star.	Duration of Exposure.	Duration of Record.	
Polaris	5. 0	1. 15	25
8 Ursae Minoris	5. 0	0. 43	14

NOTES ON THE WEATHER OF YESTERDAY.

A little rain fell in the North and West, 4mm at Eskdalemuir, and 4 mm at Blacksod Point. At a number of stations in England and Scotland more than 10 hours of bright sunshine were recorded, and the temperature reached 70° in some places.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.2,398

Wednesday, 23rd June, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																													
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	
			Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.		
			13H. G.M.T. 22nd.																										
Renfrew.	1020.6	-1	S	5	0	62	65	6	4200	Sc	10	AS	3	0	1021.1	-2	S	5	0	023f	54	97	2	750	Nb	10	-	-	0
Eskdalemuir	1022.4	-1	SSW	6	0	62	75	7	-	Sc	10	-	-	0	1021.3	+3	SW	4	0	02f	67	92	6	1250	St	10	-	-	4
Valencia (Cahire'n)	1021.9	+4	SW	5	0	61	85	7	1250	Sc	10	-	-	0	1022.1	-1	W	0	0	0	60	92	6	750	Sc	10	-	-	0
Baldonnel	1021.7	-1	SW	5	0	60	85	6	3000	Sc	10	-	-	0	1022.1	-1	W	0	0	0	60	92	6	750	Sc	10	-	-	0
Didsbury	1024.9	0	S	5	0	66	55	7	3000	Sc	4	AS	6	0	1024.2	0	SW	2	0	0	62	65	8	4200	Sc	10	-	-	0
Falmouth	1024.7	+1	SW	3	0	65	65	7	-	Sc	3	AS	4	0	1024.4	+1	WSW	3	0	0	62	75	6	-	Sc	5	-	-	0
Calshot (Hants)	1028.0	0	SSW	3	0	65	58	8	2000	Sc	1	AS	1	2	1027.0	0	SW	4	0	0	62	75	8	-	-	AS	1	3	0
Lympne (Folkestone)	1026.7	+1	SW	4	0	65	65	5	3000	Sc	4	AS	3	0	1027.2	0	SW	4	0	0	64	65	5	-	-	-	-	-	0
Aberdeen	1020.8	-2	S	4	0	61	65	5	-	Sc	3	AS	7	0	1018.1	-4	S	3	0	0	63	65	6	-	Sc	8	-	-	3
Howden	1024.8	0	SSW	2	0	66	65	6	4200	Sc	7	AS	3	0	1024.1	0	SSW	3	0	0	65	65	7	4200	Sc	3	AS	7	0
Cranwell (Lines)	1025.5	0	SW	3	0	67	55	7	5700	Sc	7	AS	2	0	1025.0	0	SW	2	0	0	65	65	6	4200	Sc	10	-	-	0
Felixstowe	1026.4	0	WSW	2	0	70	45	7	3000	Sc	2	AS	1	0	1026.1	0	SW	2	0	0	64	65	7	4200	Sc	1	-	-	0
Shoeburyness	1026.4	0	WSW	2	0	70	45	7	3000	Sc	2	AS	1	0	1026.0	-1	WSW	2	0	0	71	55	6	3000	Sc	1	AS	1	0
Benson	1025.7	-1	WSW	3	0	70	55	6	-	Sc	5	-	-	0	1025.9	0	WSW	2	0	0	72	55	6	-	Sc	5	-	-	0
S. Farnborough	1026.4	0	WSW	3	0	70	55	8	5000	Sc	3	AS	2	0	1026.7	0	SW	3	0	0	69	65	7	-	-	AS	3	0	0
London (Kew Obs.)	1026.7	-1	W	3	0	68	55	8	5700	Sc	1	AS	1	0	1026.3	-1	WSW	2	0	0	71	55	8	5700	Sc	2	AS	1	0
Croydon	1026.7	0	SW	2	0	69	55	8	4200	Sc	3	-	-	0	1026.6	+1	W	3	0	0	70	55	8	4200	Sc	3	-	-	0
1H. G.M.T. OF 23rd.																													
Renfrew	1021.9	+2	W	4	0	51	85	6	-	Sc	9	-	0	0	1021.2	+4	W	4	0	0	54	65	8	3000	Sc	4	-	-	0
Eskdalemuir	1024.9	+5	W	3	0	53	-	-	-	-	-	-	-	4	1021.2	+3	WSW	5	0	0	51	75	7	-	Sc	4	-	-	0
Valencia (Cahire'n)	1024.9	+5	W	3	0	53	-	-	-	-	-	-	-	4	1021.2	+3	WSW	5	0	0	51	75	7	-	Sc	4	-	-	0
Baldonnel	1025.5	+4	W	4	0	56	92	4	750	Sc	10	-	-	0	1021.3	+3	WSW	3	0	0	54	75	8	2000	Sc	7	-	-	0
Didsbury	1029.2	0	WSW	2	0	58	92	5	-	Nb	10	-	-	0	1026.1	+4	WSW	2	0	0	56	85	5	750	Sc	10	-	-	0
Falmouth	1029.2	0	WSW	2	0	58	92	5	-	Nb	10	-	-	0	1030.0	+1	WSW	3	0	0	59	85	6	-	Nb	10	-	-	0
Calshot (Hants)	1028.4	0	WSW	3	0	56	92	7	2000	Sc	3	-	-	3	1028.8	0	W	3	0	0	61	85	8	1200	Sc	10	-	-	2
Lympne (Folkestone)	1027.6	0	-	0	0	55	85	7	4200	Sc	10	-	-	0	1027.6	0	W	1	0	0	59	85	8	3000	Sc	10	-	-	0
Aberdeen	1024.1	0	WSW	4	0	59	85	6	2000	Sc	10	-	-	0	1021.0	+3	W	4	0	0	60	85	8	-	Sc	5	-	-	2
Howden	1027.5	0	WSW	2	0	56	85	5	3000	Sc	4	AS	3	0	1021.9	+1	W	4	0	0	59	92	5	2000	Sc	10	-	-	0
Cranwell (Lines)	1027.5	0	WSW	2	0	56	85	5	3000	Sc	4	AS	3	0	1025.9	+2	W	4	0	0	59	92	5	2000	Sc	10	-	-	0
Felixstowe	1027.5	0	WSW	2	0	56	85	5	3000	Sc	4	AS	3	0	1026.8	+1	W	3	0	0	62	75	6	4200	Sc	9	-	-	0
Shoeburyness	1027.5	0	WSW	2	0	56	85	5	3000	Sc	4	AS	3	0	1027.2	0	W	2	0	0	62	75	6	4200	Sc	5	AS	5	0
Benson	1027.5	0	WSW	2	0	56	85	5	3000	Sc	4	AS	3	0	1027.1	+1	W	3	0	0	61	85	8	2000	Sc	10	-	-	0
S. Farnborough	1027.5	0	WSW	2	0	56	85	5	3000	Sc	4	AS	3	0	1027.8	+1	W	3	0	0	61	85	8	2000	Sc	10	-	-	0
London (Kew Obs.)	1027.2	0	WSW	2	0	62	85	8	3000	Sc	4	AS	3	0	1027.8	+1	W	2	0	0	62	75	8	3000	Sc	4	AS	5	0
Croydon	1027.5	0	SW	1	0	59	75	7	2000	Sc	3	AS	1	0	1027.9	+1	WSW	2	0	0	61	55	7	3000	Sc	8	-	-	0
STATIONS CONTRIBUTING REPORTS AT 7H. AND 13H.																													
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	Wind.		Weather.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	BAROM. at M.S.L. mb.	TEMP. °F.	Wind.		Weather.	TEMP. °F.	Humidity. %	Visibility 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea 0-9.	
			Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.		
			13H. G.M.T. OF 22nd.																										
Lerwick	1017.1	66	SE	3	0	1011.7	0	51	-2	W	5	W	0	0	1011.7	0	W	5	0	0	60	48	0	0	0	0	0	0	0
Sornoway	1011.3	55	SSW	5	0	1020.4	+3	53	0	WSW	6	-	-	0	1020.4	+3	WSW	6	0	0	58	48	0	0	0	0	0	0	0
Castellbay (Barra)	1013.8	56	SSW	5	0	1023.8	+4	53	-1	W	4	W	0	0	1023.8	+4	W	4	0	0	56	51	0	0	0	0	0	0	0
Main Head	1019.5	67	SW	2	0	1027.1	+4	54	-2	NW	2	-	-	0	1027.1	+4	NW	2	0	0	61	50	0	0	0	0	0	0	0
Blackod Point	1024.6	60	WSW	4	0	1030.3	+5	57	0	WSW	2	-	-	0	1030.3	+5	WSW	2	0	0	61	51	0	0	0	0	0	0	0
Roche's Point	1021.9	62	SW	2	0	1029.7	-	56	-1	W	2	-	-	0	1029.7	-	W	2	0	0	63	53	0	0	0	0	0	0	0
Birr Castle	1019.0	60	SW	3	0	1026.2	+3	55	-1	NW	3	SW	0	0	1026.2	+3	NW	3	0	0	62	49	0	0	0	0	0	0	0
Donaghadee	1023.8	63	SW	3	0	1027.3	+4	55	-1	W	2	-	-	0	1027.3	+4	W	2	0	0	66	53	0	0	0	0	0	0	0
Liverpool (Bidston)	1023.7	57	SSW	6	0	1028.3	+3	56	+1	NW	4	-	-	0	1028.3	+3	NW	4	0	0	60	53	0	0	0	0	0	0	0
Holyhead	1026.6	57	SW	3	0	1029.0	+1	56	0	WSW	3	W	0	0	1029.0	+1	WSW	3	0	0	64	57	0	0	0	0	0	0	0
Pembroke (St. Ann's Head)	1028.2	60	WSW	2	0	1029.9	+1	57	0	WSW	2	-	-	0	1029.9	+1	WSW	2	0	0	64	57	0	0	0	0	0	0	0
Scilly (St. Mary's)	1028.4	69	SE	2	0	1030.1	+5	59	-1	NW	3	-	-	0	1030.1	+5	NW	3	0	0	69	62	0	0	0	0	0	0	0
Jersey (St. Aubin)	1026.5	69	SW	2	0	1029.9	0	59	+2	WSW	3	-	-	0	td														

SUMMARY OF CONDITIONS AT 7h.A.M. Wednesday, 23rd June, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	WSW-WNW. 2-10	V. Warm.	Fair to overcast, light fog at Beachy.	Good.	Slight
2. E. England	W. 10-15	"	Fair to overcast, local mist.	Fair.	Smooth
3. E. Midlands	W. 5-10	"	Overcast, local mist.	Indif.	"
4. W. Midlands	W-NW. 5-10	Warm.	Mainly overcast.	"	"
5. S.W. England	WSW-WNW. 5-10	R. Warm.	Cloudy or overcast.	Fair.	Slight.
6. South Wales	W-NW. 5-10	"	Cloudy or overcast.	"	"
7. North Wales	W-NW. 5-15	"	Variable sky.	"	"
8. N.W. England	W-WNW. 5-15	"	Fair to overcast.	"	Smooth.
9. N. Midlands	W-WNW. 5-15	Warm.	Fair to overcast.	"	"
10. N.E. England	W-NW. 10-15	V. Warm.	Fair to cloudy, local squalls and mist.	"	Smooth.
11. E. Scotland	W. 10	Warm.	Fair or cloudy, local showers.	Good.	"
12. S.W. Scotland	W-NW. 15-20	Normal.	Fair to overcast.	"	Slight.
13. Isle of Man	W. 10	R. Warm.	Fair.	Fair.	Smooth.
14. N. & N.W. Scotland	WSW-WNW. 10-20	"	Cloudy, squally, local showers & mist.	"	Mod.
15. Hebrides	WSW-W. 15-25	Normal.	Cloudy, squalls locally.	Good.	R. Rough
16. Orkneys and Shetlands	W. 20	R. Warm.	Cloudy or dull, squally, misty.	Indif.	Mod.
17. N.W. Ireland	W-NW. 5-10	Normal.	Cloudy.	Good.	Slight.
18. N.E. Ireland	W. 10	R. Warm.	Fair or cloudy, local squalls.	"	"
19. S.E. Ireland	W-NW. 5-10	"	Cloudy or overcast.	"	Smooth
20. S.W. Ireland	NW. 5-10	Normal.	Cloudy or overcast.	"	Slight.

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

The anticyclone over the Bay or Biscay will continue and fair to fine weather is probable for a day or two over England. In Scotland and Ireland, however, there will be some showers with bright intervals.

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

Districts.	Forecasts for the 24 hours commencing 15h. GMT. Wednesday, 23rd June, 1920.
1. S.E. England	Moderate Westerly wind; fair to fine; visibility 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	Moderate to fresh W'ly wind, varying from fine to cloudy; visibility good; temperature normal.
12. S.W. Scotland	Moderate to fresh W'ly wind, fair to cloudy; some showers; visibility good; temperature normal.
13. Isle of Man	Same as 1 - 10
14. N. & N.W. Scotland	Same as 12.
15. Hebrides	
16. Orkneys and Shetlands	Moderate Westerly wind, varying from fine to cloudy, a few local showers; visibility fair to good; temperature normal.
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Further Outlook.

Fair to fine for a day or two over England but further outlook uncertain for Scotland and Ireland

SYNOPTIC CHART FOR MORNING OF WEDNESDAY 23RD JUNE 1920

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

Lower Cloud
TEMPERATURE
WEATHER
SEA
are drawn for
Force, on the
y the number of
is shown in
small strokes
in degrees F.
sky & clouded
sky & clouded
rain falling
fog & mist
Thunderstorm.
High
atlook.

e for
o over
fur-
k un-
Scot-
eland

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

The reports for France refer to 6 AM G.M.T.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 152)

	Objects not visible at	in 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.

ESSA

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 175.

Wednesday
23rd June

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 22nd June																			
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 ...	or	s	61	50	-	1	0.0	2.6	England, N.W.	Douglas (I.O.M.)	*	*	64	58	0.3	-	0.2	6.2
	Banff ...	b bc	oc	66	47	-	-	8.1	11.5		Blackpool ...	c	o	66	58	-	-	0.8	9.5
	Montrose ...	b bc	bc	65	44	-	-	5.4	13.9		Southport ...	ooo	o	66	53	-	-	0.3	8.8
	St. Andrews ...	c	c	66	46	-	-	2.4	13.3										
England, N.E.	Harrogate ...	b bc c	c bc c	67	49	-	-	4.9	11.2	Midlands.	Buxton ...	b or bc	b bc c c	66	48	-	-	4.2	8.4
	Scarborough ...	bc	b	70	53	-	-	5.1	12.4		Leamington Spa ...	bc	c b	70	48	-	-	8.2	6.6
	Skegness ...	bc	bc o	70	52	-	-	10.6	11.2		Malvern ...	bc	bc c o	69	51	-	-	3	6.3
	Lowestoft ...	b bc	bc	68	55	-	-	10.5	10.0		Ross-on-Wye ...	c bc o o	bcy 3 o	70	49	-	-	6.8	7.0
England, E.	Felixstowe ...	bc	b	70	56	-	-	11.2	13.5	Wales.	Bath ...	bc c b	b bc c	70	54	-	-	7.6	7.6
	Southend-on-Sea ...	bc	bc b	76	54	-	-	11.8	9.8		Rhyl ...	bc o	c bc	67	52	-	-	1.2	4.4
											Colwyn Bay ...	*	*	66	54	-	-	3.1	6.0
											Llandudno ...	*	*	65	53	-	-	2.8	8.4
England, S.E.	Tunbridge Wells ...	b	b	72	51	-	-	11.1	8.3	England, S.W.	Aberystwyth ...	o c o	c b o	68	52	-	-	1.4	8.5
	Margate ...	b	b bc	72	51	-	-	10.4	9.1		Swansea ...	*	*	66	55	-	-	5.0	6.0
	Ramsgate ...	b	b	68	53	-	-	9.6	9.4		Weymouth ...	bc	bc	68	51	-	-	11.5	11.2
	Folkestone ...	c bc	bc	67	55	-	-	11.0	8.5		Teignmouth ...	b	b	69	51	-	-	11.0	9.2
	Hastings ...	or bc b	b	69	58	0.2	-	11.4	12.0		Torquay ...	bc	bc	67	52	-	-	9.7	8.4
	Eastbourne ...	bc b	b	67	53	-	-	11.9	12.7		Paignton ...	bc	bc	67	48	-	-	9.6	8.7
	Brighton ...	bc b	b	67	54	-	-	11.5	12.0		Penzance ...	bc	bc	64	53	-	-	6.3	10.1
	Worthing ...	bc b	b	67	53	-	-	11.4	11.8		Newquay ...	b	c	65	50	-	-	6.5	10.1
	Littlehampton ...	bc	b	65	51	-	-	11.5	10.2		Bude ...	c bc c	c bc c	65	50	-	-	6.4	8.5
	Portsmouth (S. Sea) ...	*	*	68	55	-	-	11.5	11.2		Ilfracombe ...	c bc	c o	63	53	-	-	5.3	9.1
	Bournemouth ...	*	*	67	53	-	-	12.0	11.5		Weston-s-Mare ...	bc b	bc c	69	54	-	-	6.8	8.5
	Ventnor (I. of W.) ...	*	*	62	51	-	-	12.3	8.9		Tenby (Wales) ...	bc c	c o	65	53	-	-	2.9	?

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION. b blue sky (not more than a quarter covered). bc sky partly cloudy (one half covered). c generally cloudy (three quarters covered). d drizzle, or fine rain. e wet air without rain falling. f fog. g gloom. h hail. i lightning. m mist. o overcast sky. p passing showers. q squalls. r rain. rs sleet, i.e., rain and snow together. s snow. t thunder. u ugly, threatening sky. v unusual visibility. w dew. x hoar frost. y dry air; humidity less than 60 per cent. z dust haze; the turbid atmosphere of dry weather. Capital letters indicate intensity, and repetition of letters continuity, thus:— R = heavy rain. rr = continuous moderate rain. rl = continuous light rain.			THE BEAUFORT SCALE OF WIND FORCE. Used only for surface observations. Limits of Velocity at about 30 feet above ground.			
	WEATHER.					Max. Temp. ° F.	Min. Temp. ° F.	Mid. on Grass ° F.	RAINFALL.								Sun. Hours.
	7h-18h	18h-19h	19h-1h	1h-7h	Day. 7h-18h				Night. 18h-7h								
Renfrew	po q	po r	po c.o	bbc.c.o	63	52	47	mm. 0.1	mm. 1	1.0	No.	Statute miles per hour.	Metres per second.				
Eskdalemuir	co	co rr	rr.q.co	c.o.c.o	59	49	47	2	1	2.0							
Valencia (Cahirciveen)	po q	co q	o o	c.o.c.o	62	54	52	2	-	0.3							
Baldonnel	co	q	qDD	c.o.f	64	50	-	-	-	-							
Didsbury	co	o	o.po	o.r	67	55	52	-	1	8	0	Less than 1	Less than 0.5				
Falmouth	b.b.c	b.c.o	c.o.p.d	o.g	65	57	51	-	-	9.0							
Calshot (Hants)	b.c	b.b.b.c	c.o.b.c	b.b.c.o	66	56	55	-	-	13.7				1	1-3	0.3-1.5	
Lympne (Folkestone)	q	b.b.c	o.f	o.o.f	70	53	49	-	-	13.7							
Aberdeen	q	q	q	q.b.c	63	53	46	-	-	9.8	2	4-7	1.6-3.5				
Howden	q	q	q	q.c.o	69	49	55	-	-	7.4							
Cranwell (Lincs)	b.b.c	c.o	c.o.b.c	c.o.f	69	55	*	-	-	8.0				3	8-12	5.4-6.4	
Felixstowe	b.b.c	b.b.c	b.b.c	b.c.o	71	60	*	-	-	8							
Shoeburyness	q	b.b.c	q	c.o	73	59	57	-	-	13.3	4	15-18	5.5-7.9				
Benson	b	b.c	b.c.o	c.o	74	54	49	-	-	*							
S. Farnborough	b.b.c	b.b.b.c	b.b.c.b	c.o	74	55	50	-	-	12.6				5	19-24	8.0-10.7	
London (New Obsy.)	q	b.c	b.c	c.o.c	73	59	50	-	-	12.3							
Croydon	b.b.c	b.b.c	b.b.c.b	b.b.c	71	57	*	-	-	*	6	25-31	10.8-13.8				
														7	32-35	12.9-17.1	
											8	39-46	17.2-20.7				
														9	47-64	20.5-24.4	
											10	56-83	24.5-28.1				
														11	84-75	28.5-38.5	
											12	Above 76	33.6 or above				

LONDON. OBSERVATIONS.		WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).		TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.				
		Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.							
					24 HOURS ENDED 9H G.M.T. 23/24.....								YESTERDAY.					TO-DAY.
												Vertical Component of Solar Radiation per Square Centimetre during yesterday.		23rd & 24th June..... 1920.				
Greenwich (Royal Observatory)		b	b	hbc c ob	76	58	49	-	-	47	71			Stations.		Sunrise.	Noon.	Sunset.
City (Bunhill Row) ...		*	*	*	*	*	*	*	12.9	*	*			G.M.T.		G.M.T.	G.M.T.	
Westminster (St. James's Park)		*	*	bc	73	59	51	-	13.2	48	64			Yarmouth...		8.52	11.58	8.18
" (Admiralty Arch)		bcg	bcg	bc	76	60	*	-	13.3	53	75			Greenwich		3.42	12.2	8.19
Camden Sq. (British Rainfall)		bc b	b bc	*	76	59	55	-	*	60	68	Total..... 2391..... Joules.		Wick		3.45	12.2	8.19
Kensington Palace		b bc	bc b	*	74	59	54	-	*	72 (18h)	72	Average Rate. 40.1		Valencia		3.8	12.14	9.20
Hampstead Observatory		*	*	*	71	56	*	-	13.1	*	71	Maximum Rate. 82				3.8	12.14	9.20
																4.23	12.43	9.23
																4.23	12.43	9.23

Photographic Record of

Pole Star (Polaris) and of 8 Ursae

Minoris at Greenwich Observatory

Exposure from 21.30 m. to 02.30 m.

Stars.	Duration of Exposure.	Duration of Record.	%
Polaris	5.0	1.55	38
8 Ursae	5.0	1.23	28
Minoris			

NOTES ON THE WEATHER OF YESTERDAY.

There was again a little rain in the North, 5 mm. at Eskdale and Blackpool Point and 4 mm at Lerwick and Stornoway.

The temperature reached 76° at Southend and 74° at Benson and Farnborough, but in the West and North the day was very cool, the maximum failing to reach 60° in the Hebrides. Sunshine records were on the whole very good, except in North-West England, Wales and Ireland.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B21399

THURSDAY, 24TH JUNE, 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.				
			13H. G.M.T. 23 RD																										
Renfrew	1026.3	+2	WSW	4	C	58	65	8	2,000	StCu	7	ASc	1	+	1027.3	+1	W	4	C	56	65	8	3,000	StCu	6	ASc	3	+	
Esksdalemuir	1026.5	+2	WSW	4	C	56	65	8	3,000	StCu	9	-	-	3	1026.9	0	W	4	C	53	65	8	3,000	StCu	8	-	-	+	
Valencia (Cahire'n)	1031.4	+1	W	2	bc	60	65	8	4,200	Cu	4	-	-	3	1032.1	0	WNW	2	b	59	65	8	4,200	Cu	1	ASc	1	3	
Baldonnell	1030.3	0	WNW	3	bc	60	65	8	3,000	StCu	4	ASc	2	+	1030.0	0	WNW	3	0	61	65	7	5,700	StCu	10	-	-	+	
Didsbury	1028.4	+2	WNW	4	CZ	61	55	6	3,000	StCu	8	-	-	+	1028.7	+1	NW	5	C	58	55	7	3,000	FrCu	6	ASc	1	+	
Falmouth	1030.6	0	NW	3	og	63	75	6	-	McCu	8	ASc	2	+	1029.9	-1	NNW	3	C	63	65	8	-	Cu	5	ASc	2	+	
Calshot (Hants)	1028.6	0	SSW	3	0	66	75	8	1250	StCu	9	-	-	2	1027.6	-1	SW	2	bif	68	75	7	2,000	Cu	3	-	-	2	
Lymington (Folkestone)	1027.6	0	NW	2	0	68	65	8	2,000	StCu	9	-	-	+	1027.1	-1	E	2	C	67	75	8	4,200	StCu	7	-	-	+	
Aberdeen	1022.4	+2	WNW	5	bog	63	35	8	-	Cu	6	-	-	3	1023.5	+2	WNW	4	bc	60	45	8	-	Cu	2	ASc	1	3	
Howden	1028.4	0	WNW	4	CV	67	65	9	3,000	Cu	7	-	-	+	1027.1	+1	WNW	2	b	61	65	9	3,000	StCu	3	-	-	+	
Cranwell (Lines)	1027.1	0	NW	4	0	66	65	5	2,000	Cu	5	-	-	+	1027.7	+1	NNW	3	b	62	65	5	3,000	Cu	4	-	-	+	
Felixstowe	1027.3	0	WSW	3	C	69	65	7	5,700	Cu	7	-	-	+	1027.8	+2	ENE	4	bc	60	75	7	4,200	Cu	2	ASc	3	2	
Shoeburyness	1027.4	0	W	4	0	69	65	7	3,000	Cu	6	ASc	3	+	1027.9	0	W	1	bc	70	65	7	3,000	Cu	6	ASc	4	+	
Benson	1027.3	+2	NW	1	bc	69	65	7	-	Cu	5	-	-	+	1027.2	0	NNW	1	b	68	65	7	-	Cu	2	-	-	+	
S. Farnborough	1027.9	+1	WNW	3	0	69	65	8	2,000	StCu	8	ASc	1	+	1027.3	-1	E	3	bc	70	65	8	2,000	Cu	4	-	-	+	
London (Kew Obs.)	1028.1	0	NW	2	cy	68	65	8	4,200	Cu	2	ASc	6	+	1027.2	-1	NW	2	bog	72	55	8	4,200	Cu	4	-	-	+	
Croydon	1028.1	+1	NW	3	0	67	65	8	4,200	StCu	10	-	-	+	1027.1	0	NW	2	bc	70	53	7	4,200	StCu	10	-	-	+	
1H. G.M.T. OF 24 TH																													
Renfrew	1027.7	0	W	1	C	45	92	8	-	St	7	-	-	+	1025.6	-1	SW	2	oif	51	92	6	2,000	St	10	-	-	+	
Esksdalemuir	1027.7	0	W	1	C	45	92	8	-	St	7	-	-	+	1026.6	0	SW	2	oif	48	85	7	-	Nb	10	-	-	+	
Valencia (Cahire'n)	1030.7	0	WNW	2	bc	54	-	-	-	-	-	-	-	2	1028.8	-1	SW	1	C	55	65	8	3,000	StCu	2	ASc	5	3	
Baldonnell	1029.4	0	-	0	0	50	92	5	750	Nb	10	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	+	
Didsbury	1029.2	-1	NNW	1	b	53	92	8	-	-	-	-	-	+	1027.6	-2	SW	2	oif	52	85	4	4,200	StCu	10	-	-	+	
Falmouth	1027.8	0	N	2	b	56	75	6	-	-	-	-	-	2	1028.1	0	NNW	2	b	58	75	7	-	-	-	-	-	+	
Calshot (Hants)	1027.1	-1	-	0	oif	65	97	7	4,200	StCu	9	-	-	+	1027.5	0	N	2	b	59	75	6	-	-	-	-	-	-	+
Lymington (Folkestone)	1027.1	-1	-	0	oif	65	97	7	4,200	StCu	9	-	-	+	1027.0	0	NNE	4	oif	58	92	7	4,200	StCu	5	ASc	2	+	
Aberdeen	1028.0	0	-	0	bw	43	97	8	4,200	StCu	1	ASc	1	+	1023.4	-1	SW	2	by	55	55	8	-	-	-	-	-	-	+
Howden	1028.3	0	NW	3	b	46	97	5	-	-	-	-	-	+	1027.1	-1	-	0	oif	54	85	7	4,200	StCu	8	ASc	1	+	
Cranwell (Lines)	1027.3	0	W	3	bif	59	65	6	-	-	-	-	-	+	1027.4	0	NNW	2	bog	55	75	5	5,700	StCu	2	ASc	4	1	
Felixstowe	1027.3	0	W	3	bif	59	65	6	-	-	-	-	-	+	1027.3	0	W	3	bif	59	65	6	-	-	-	-	-	-	+
Shoeburyness	1027.3	0	N	1	bc	54	75	6	-	-	-	-	-	+	1027.3	0	N	1	bc	54	75	6	-	-	-	-	-	-	+
Benson	1027.6	0	ENE	2	bif	57	75	7	4,200	StCu	1	ASc	1	+	1027.6	0	ENE	2	bif	57	75	7	4,200	StCu	1	ASc	1	+	
S. Farnborough	1028.2	0	N	2	bc	57	65	5	-	-	-	-	-	+	1028.2	0	N	2	bc	57	65	5	-	-	-	-	-	-	+
London (Kew Obs.)	1028.2	-1	NNE	1	bif	56	75	6	2,000	St	4	-	-	+	1027.8	-1	N	3	bif	57	65	5	-	-	-	-	-	-	+
Croydon	1028.2	-1	NNE	1	bif	56	75	6	2,000	St	4	-	-	+	1027.8	-1	N	3	bif	57	65	5	-	-	-	-	-	-	+
STATIONS CONTRIBUTING REPORTS AT 7H. AND 15H.																													
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.							
			Dir.	Force		at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.	Force					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.									
																					24 HOURS ENDED 7H. 24 TH								
Lerwick	1014.2	51	W	8	smg	1018.0	+1	50	-1	WNW	3	W	bc	3	5	53	47	smg	smg	bc	-	10.3							
Stornoway	1014.4	55	WSW	6	C	1021.8	-1	53	0	S	3	-	0	2	-	57	50	cg	cg	c.o	-	7.8							
Castellbay (Barra)	1027.1	55	W	4	C	1024.1	0	51	-2	SW	3	-	odp	3	0.2	55	49	c.bc.c	c.o.c	c.odp	-	-							
Malin Head	1030.1	57	WSW	2	bc	1026.7	-3	54	0	WSW	1	W	bc	1	-	58	49	C	bc	C	-	-							
Blacksod Point	1030.9	60	WSW	3	bc	1029.2	-1	54	-3	-	0	-	0	1	-	65	54	O.C.	bc	b.o	-	-							
Roche's Point	1030.0	61	W	2	C	1027.8	-	51	-5	W	1	-	0	-	-	64	46	C	C	C.O	-	6.9							
Birr Castle	1028.8	54	N	1	C	1026.1	0	52	-3	W	1	-	0	1	-	61	49	bc	bc	C.O	-	-							
Donaghadee	1029.2	59	W	3	b	1027.3	-1	55	0	WNW	1	-	0	2	-	60	51	bc	b	bc.o	-	11.5							
Liverpool (Bidston)	1029.9	61	WNW	4	C	1027.7	0	55	-1	NW	3	NW	bc	1	-	62	51	b, bc	bc, cv	c-bc	-	11.0							
Holyhead	1030.6	58	NW	2	bv	1028.6	-1	55	-1	-	0	-	C	1	-	64	53	c, bc	bv	b, bc	-	7.8							
Pembroke (St. Ann's Head)	1030.8	61	NNW	1	C	1028.9	-1	58	+1	-	0	-	b	2	-	63	52	0	O.C.	b	-	1.7							
Scilly (St. Mary's)	1029.2	63	NW	2	bc	1026.4	0	62	+3	N	2	-	b	1	-	67	54	b	bc, bc	bc, bw	-	9.5							
Jersey (St. Aubert)	1028.7	61	WSW	3	bc	1026.7	-2	58	-1	NE	4	NE	bc	4	-	63	54	c, bc	bc	bc	-	-							
Portland Bill	1026.6	62	SW	3	b	1026.6	+1	60	0	N	2	-	b	2	-	67	48	C, bc	C	bc	-	-							
Dungeness	1022.2	50	WNW	3	bc	1021.0	0	53	+1	W	1	-	C	2	-	58	44	smg	smg, bc	bc, bc	-	-							
Wick	1023.9	58	WSW	2	C	1022.4	-	53	-2	W	1	-	cg	1	-	63	49	bc, c	cg, bc	bc, bc	-	8.7							
Nairn	1025.7	59	WNW	3	C	1024.9	0	54	-2	W	2	-	0	2	-	61	50	C, bc	bc, c.o.c	c, bc, c.o	-	-							
Leith	1025.4	63	NW	4	bc	1025.6	0	52	-6	W	3	-	bc	2	-	65	46	bc	bc	bc, bc	-	-							
Tynemouth	1027.6	60	SE	2	C	1026.6	0	56	-4	NW</																			

SUMMARY OF CONDITIONS AT 7 AM GMT., Thursday, 24th, June, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	N-NE 5-15	R. Warm	Fine to cloudy, local	Fair	Smooth
2. E. England	W-N 0-10	Normal	Fine to cloudy, local	"	"
3. E. Midlands	NNW-N 2	"	Fair or cloudy, local	"	-
4. W. Midlands	NW-NE 0-2	R. Warm	Variable sky.	-	-
5. S.W. England	NW-NE 0-15	"	Fair or fine.	Good	Slight
6. South Wales	Var. 0-2	"	Fair or cloudy.	Fair	Smooth
7. North Wales	W-NW 2-10	Normal	Fair to overcast.	"	"
8. N.W. England	SW-NW 2-5	"	Mainly overcast, local	Var.	"
9. N. Midlands	SW-NW 0-5	"	Cloudy or overcast, local	Fair	-
10. N.E. England	W-NW 0-15	"	Fair to o'cast, local	"	Smooth
11. E. Scotland	W-SW 2-5	R. Warm	Variable sky.	Good	"
12. S.W. Scotland	SW 5	R. Cool	Overcast, local showers.	Fair	"
13. Isle of Man	W 5	Normal	Cloudy	-	"
14. N. & N.W. Scotland	SW-W 2-10	"	Cloudy or o'cast, local	Fair	"
15. Hebrides	S-SW 10	"	O'cast, local showers.	"	Slight
16. Orkneys and Shetlands	W 5-10	R. Warm	Fair to cloudy.	"	"
17. N.W. Ireland	WSW 2	Normal	Fair to cloudy.	"	Smooth
18. N.E. Ireland	SW-W 2	"	O'cast.	"	"
19. S.E. Ireland	W-NW 2	R. Cool	O'cast.	"	"
20. S.W. Ireland	SW-W 0-2	Normal	Cloudy or overcast.	Good	"

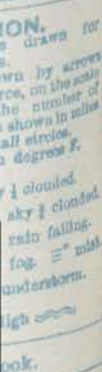
GENERAL INFERENCE from observations received up to 9h. G.M.T.

The anticyclone to the South-West of the British Isles is decreasing slowly in intensity but it will probably continue to maintain fair weather for a day or two over the greater part of the Kingdom. A depression which is spreading over Iceland from the Westward and some small secondaries may be expected to cause some showers in the far North and Northwest.

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

Districts.	Forecasts for the 24 hours commencing 16h. GMT. Thursday, 24th June, 1920.	Further Outlook.
1. S.E. England		
2. E. England	Wind North and North-West backing to West, light.	
3. E. Midlands	Fair generally. Temperature rather less high than	
4. W. Midlands	of late. Visibility mainly good.	
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 South-West and West, light. Variable sky, some	
12. S.W. Scotland	local showers. Visibility fair, moderate temperature.	
13. Isle of Man		
14. N. & N.W. Scotland	Wind South-West and West, mainly cloudy to overcast,	
15. Hebrides	some showers. Visibility generally fair. Moderate or	
16. Orkneys and Shetlands	rather low temperature.	
17. N.W. Ireland		
18. N.E. Ireland	Wind between South and West, light. Variable sky, some	
19. S.E. Ireland	showers in North-West later. Visibility fair. Moderate	
20. S.W. Ireland	temperature.	

Fair generally, but some showers in the far North and North-West.



rally,
owers
North
est.

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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)				
1.	Dense fog.	Objects not visible at	50 metres (or yards)	
2.	Very Bad	" "	200	" "
3.	Bad	" "	1,000	" "
4.	Very Poor	" "	2,000	" "
5.	Poor	" "	4,000	" "
6.	Indifferent	" "	7,000	" (4-8 miles)
7.	Fair	" "	12,000	" (7-11 "
8.	Good	" "	20,000	" (12-14 "
9.	Very Good.	Objects visible beyond 20,000		" (12-14 "
	Excellent.	Exceptional visibility.		

Director.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No 176...

THURSDAY

24th JUNEWEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 23rd

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. F.	Min. F.	Night 17h-23h.	Day 23h-17h.	to 17h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. F.	Min. F.	Night 17h-23h.	Day 23h-17h.	to 17h.	Sunrise to Sunset.
Scotland.									England, N.W.								
Oban ...	a.c.	a	58	48	1	-	3.3	0.5	Douglas (L.O.M.)	j	j	60	50	-	-	11.6	0.2
Banff ...	b	b, bc	64	51	0.1	-	10.6	8.3	Blackpool ...	bc	c	62	55	6.3	-	10.1	0.8
Montrose ...	b	b	67	52	-	-	10.8	5.4	Southport ...	b	b	61	55	0.2	-	10.0	0.3
St. Andrews ...	e	a	65	51	1	-	11.9	2.4									
England, N.E.									Midlands.								
Hartogate ...	b	b, bc, b	64	54	1	-	10.8	4.9	Buxton ...			68	56	-	-	5.5	8.6
Scarborough ...	b	b	73	54	-	-	8.8	5.4	Leamington Spa ...	c, b	bz	68	56	-	-	5.5	?
Skegness ...	a, bc	bc, b	68	56	-	-	8.2	11.7	Malvern ...	c, bc	bc	70	56	-	-	5.5	?
England, E.									Ross-on-Wye ...	c, a, c	bc, y	75	57	-	-	6.6	6.8
Lowestoft ...	a, c	c, a	68	57	-	-	3.2	12.5	Bath ...	c, bc	bc, b	70	58	-	-	5.2	7.6
Felixstowe ...	cg	bc	72	61	-	-	6.4	12.8									
Southend-on-Sea ...	c, bc	bc	74	56	-	-	5.7	13.1	Wales.								
									Rhyl ...	bc	bc	66	53	0.2	-	8.5	2.9
England, S.E.									Colwyn Bay ...	*	*	62	54	-	-	8.3	3.1
Tunbridge Wells ...	c	c, bc	73	53	-	-	5.2	13.3	Llandudno ...	*	*	61	54	-	-	8.9	2.3
Margate ...	c	c, bc, b	70	58	-	-	3.4	12.5	Aberystwyth ...	c, b, b	b, bc	62	56	-	-	10.0	1.7
Ramsgate ...	*	*	67	55	-	-	5.2	11.6	Swansea ...								
Folkestone ...	a	a	67	56	-	-	2.9	13.2	Weymouth ...	c, bc	bc, b	71	57	-	-	5.0	11.7
Hastings ...	b, bc	a, bc	70	55	-	-	7.7	14.2	Teignmouth ...	a	c, bc	70	59	-	-	2.5	11.2
Eastbourne ...	bc	bc	65	57	-	-	8.7	14.3	Torquay ...	a, bc	bc, by	69	59	-	-	4.1	11.1
Brighton ...	bc, c	c	68	58	-	-	6.5	14.0	Paignton ...	c	c, bc	69	56	-	-	1.5	10.1
Worthing ...	bc	bc	70	56	-	-	7.0	13.5	Penzance ...	bc	bc	65	58	-	-	0.5	7.6
Littlehampton ...	bc	bc	69	55	-	-	5.2	12.8	Newquay ...	c, b	c, bv	64	57	-	-	7.5	6.7
Portsmouth (Sithes) ...	*	*	72	57	-	-	6.0	13.5	Bude ...	w, c, bc	b	64	57	-	-	6.3	6.7
Bournemouth ...	*	*	72	54	-	-	6.0	12.6	Ilfracombe ...	a, c, bc	b	63	53	-	-	4.1	5.3
Ventnor (I. of W.) ...	*	*	67	55	-	-	6.1	14.3	Weston-s-Mare ...	bc, c, b	b	67	58	0.2	-	6.5	6.8
									Tenby (S. Wales) ...	c, bc	bc, b	68	56	1	-	4.6	2.9

STATIONS.

SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUN.	
	7h-10h 23 rd	10h-12h 23 rd	12h-2h 23 rd	2h-5h 23 rd	Max. Temp. F.	Min. Temp. F.	Min. on Glass F.	Hours.
Renfrew ...	c, a	c, a	a, of	of, r	61	49	45	6.5
Eskdalemuir ...	c, a	a, c, a	bc, a	c, a	57	42	36	4.8
Valencia (Cahirciveen) ...	bc, b, bc	b, bc	b, bc	b, bc	60	47	44	12.7
Baldonnel ...	c, a	c, a	b, bc, of					
Didsbury ...	c, a, g	c, a, z	bc, c	of, f	63	43	34	2.8
Falmouth ...	a	c, a, g, ca	bc, c, b	b	67	50	48	7.9
Calshot (Hants) ...	c, a, c	c, a, bc	b	b, bc	72	54	51	6.9
Lympne (Folkestone) ...	c, a, bc, a, g	c, a	a, f, w	a, f, w, c	69	54	48	14.9
Aberdeen ...	bc, g	b, bc, g	b, bc, bc	b, bc	66	48	41	11.8
Howden ...	v, g	v, g	b, bc, w	bc, w	72	57	32	*
Cranwell (Lines) ...	c, a, bc	b, bc, z	b, bc					
Felixstowe ...	c, a	bc, c	bc, c, f	bc, f	73	50	44	6.2
Shoeburyness ...	c, a, c	c, a, c	b, bc, b	b, bc, f	73	49	44	7.3
Benson ...	b, bc	b	b, bc, c, o	c, o, bc, c	72	46	41	6.9
S. Farnborough ...	c, a	c, a, bc, c	b, bc	b, bc, f	73	47	41	*
London (Kew Obs.) ...	c, a	bc, c	b, bc, z	b, bc, z	73	53	45	*
Croydon ...	z, f, c, a	a, bc, c	b, bc, f	b, bc, z	72	50	44	*

BEAUFORT NOTATION.

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

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

THE BEAUFORT SCALE OF WIND FORCE.

Used only for surface observations.

Limits of Velocity at about 10 feet above ground.

No.	Statute miles per hour.	Meters per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.0
2	4-7	1.0-2.0
3	8-13	2.0-3.5
4	14-18	3.5-5.0
5	19-24	5.0-7.0
6	25-31	7.0-9.0
7	32-38	9.0-11.0
8	39-46	11.0-13.0
9	47-54	13.0-15.0
10	55-63	15.0-18.0
11	64-75	18.0-21.0
12	Above 75	21.0 or above

SYMBOLS—

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

LONDON OBSERVATIONS

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUN.	
	Morning.	Afternoon.	Night.	Max. Temp. F.	Min. Temp. F.	Min. on Glass F.	Hours.	Humidity %
Greenwich (Royal Observatory)	a	c	c, b	74	52	43	5.9	48
City (Monkhill Row)	*	*	*	*	*	*	10.6	*
Westminster (St. James's Park)	*	*	*	74	55	48	7.4	50
(Admiralty Arch)	c, z, c	c, bc, z	c, z, b	74	55	*	7.5	55
Camden Sq. (British Rainfall)	a, c	bc	*	78	53	49	*	43
Kensington Palace	bc	bc	*	73	54	48	*	56 (Bh)
Hampstead Observatory	*	*	*	72	50	*	2.1	55

SOUTH KENSINGTON (Meteorological Office).

Vertical Components of Solar Radiation per Square Centimetre during yesterday	24 th AND 25 th JUNE 1920.	
	Stations.	Sunrise, Noon, Sunset.
Total 16.38 Joules.	Greenwich	3.32 11.55 8.18
	Wick	3.45 12.2 8.19
Average Rate 27.4 Milliwatts.	Valencia	4.23 12.43 9.3
Maximum Rate 97		

Photographic Record of

Pole Star (Polaris) and of 3 Ursae

Minors at Greenwich Observatory.

Exposure from 23rd 21 h. 30 m. to 24th 2 h. 30 m.

Start.	Duration of Exposure.	Duration of Record.	%
Polaris	5 0	4 27	89
3 Ursae	5 0	3 58	79
Minors			

NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose to above 70° over a large portion of England the highest reading being 75° at Ross-on-Wye. In some Scottish and Irish localities the maxima were below 60°. The weather was dry generally except at Lerwick, where 5 mm of rain accompanied a squally Westerly gale. Much bright sunshine was recorded over the Kingdom generally, but in the South-West of England and South Wales the records were low.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 21,400

FRIDAY, 25TH JUNE, 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 12H.																													
STATIONS.	BAROM.	Change in 3 hours.	WIND.		Weather.	TEMP.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea.	BAROM.	Change in 3 hours.	WIND.		Weather.	TEMP.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea.	
	at M.S.L.		Force	°F.		Form.				Am't.	Form.	Am't.	at M.S.L.		Force		°F.	Form.		Am't.									
	mb.		0-12.	0-9.		0-10.				0-10.	0-9.	0-10.	0-10.		0-9.		0-10.	0-10.		0-9.				0-10.	0-10.				
12H. G.M.T. OF 24 th																													
Renfrew...	1023.4	-2	SW	3	0	56	60	6	100	No	10	-	-	-	1020.4	-2	WSW	2	0	57	75	6	2000	Sc	6	2.5	3	*	
Eskdalemuir...	1023.6	-3	SW	3	0	58	78	8	3000	Sc	10	-	-	-	1021.7	-3	W	2	0	53	75	8	3000	Sc	7	1.5	3	*	
Valencia (Cahire'n)	1026.0	-2	S	2	0	53	92	7	1250	Sc	10	-	-	-	1022.5	-3	S	4	0	58	97	4	5500	Sc	10	-	-	4	*
Baldonnel...	1025.4	-4	SW	2	0	60	65	8	3000	Sc	10	-	-	-	1022.4	-4	W	2	0	60	75	7	4200	Sc	10	-	-	-	*
Didsbury...	1024.7	-2	WNW	4	0	61	58	6	4200	Sc	9	C	1	*	1023.2	-1	NW	2	0	57	65	6	9000	-	-	AS	10	-	*
Falmouth...	1026.3	-2	SE	3	0	60	65	8	-	Cu	4	-	-	*	1024.9	-2	NW	2	0	65	65	8	-	-	-	Cu	1	-	*
Calshot (Hants)...	1025.3	-3	S	1	0	61	7	65	3000	Cu	8	-	-	1	1023.0	-2	SW	3	0	63	75	6	-	-	-	Cu	2	2	*
Lympne (Folkestone)	1026.6	-2	SE	3	0	62	75	6	3000	Sc	6	-	-	*	1023.5	-2	SE	2	0	59	85	7	4200	Sc	3	AS	1	-	*
Aberdeen...	1020.9	-2	S	2	0	50	55	7	-	Cu	10	-	-	2	1019.3	-1	NW	2	0	58	65	6	-	Cu	10	-	-	2	*
Howden...	1024.9	-2	WNW	1	0	57	75	8	4200	Sc	9	-	-	-	1022.4	-1	WNW	2	0	57	75	7	3000	Sc	5	AS	5	-	*
Cranwell (Lines)	1025.4	-1	WSW	8	0	61	55	5	4200	Sc	7	AS	2	*	1022.4	-3	WSW	2	0	61	55	7	3000	Sc	6	AS	4	-	*
Felixstowe...	1025.6	-1	SE	3	0	60	65	7	5200	Cu	4	-	-	*	1024.2	-2	ESE	3	0	59	75	8	-	-	-	Cu	4	-	*
Shoeburyness...	1025.4	-2	SSE	3	0	60	65	7	3000	Cu	6	-	-	*	1023.5	-3	ESE	4	0	61	75	7	3000	Cu	2	Cu	1	-	*
Benson...	1024.9	-3	WSW	2	0	67	55	7	-	Cu	5	-	-	*	1022.7	-3	NW	1	0	69	45	6	-	-	-	Cu	3	-	*
S. Farnborough	1025.3	-2	NW	2	0	69	65	7	3000	Sc	9	-	-	*	1022.8	-2	WNW	2	0	70	55	7	3000	Cu	2	Cu	1	-	*
London (Kew Obs.)	1025.3	-3	W	2	0	67	55	7	4200	Sc	7	-	-	*	1022.7	-3	NW	2	0	70	55	8	7200	Cu	3	AS	3	-	*
Croydon...	1025.4	-2	NW	2	0	67	55	8	4200	Sc	5	-	-	*	1022.8	-3	WSW	1	0	69	55	7	4200	Sc	1	AS	7	-	*
1H. G.M.T. OF 25 th																													
Renfrew...	1020.0	-2	S	1	0	46	92	8	-	Sc	8	-	-	*	1014.9	-2	-	0	57	51	97	3	750	Sc	10	-	-	-	*
Eskdalemuir...	1021.9	0	WSW	3	0	57	-	-	-	-	-	-	-	3	1016.4	-4	S	1	0	57	97	3	750	Sc	10	-	-	-	*
Valencia (Cahire'n)	1021.9	0	WSW	3	0	57	-	-	-	-	-	-	-	3	1020.1	0	SW	4	0	57	92	7	750	Sc	10	-	-	-	3
Baldonnel...	1019.2	-4	SW	4	0	55	92	5	2000	Sc	9	-	-	*	1017.9	-3	SW	4	0	56	85	5	1250	Sc	8	AS	2	-	*
Didsbury...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1019.0	-2	S	2	0	52	85	5	750	Sc	10	-	-	-	*
Falmouth...	1024.7	-1	-	0	C	54	92	7	-	-	Cu	7	*	-	1022.6	-1	WSW	3	0	59	97	4	-	Sc	10	-	-	-	*
Calshot (Hants)...	1022.0	-1	-	0	0	56	92	7	-	-	-	3	*	-	1022.9	-1	W	1	0	59	85	8	4200	Sc	9	-	-	-	1
Lympne (Folkestone)	1022.0	-1	-	0	0	56	92	7	-	-	-	3	*	-	1020.6	-2	NW	1	0	58	85	5	-	-	-	Cu	8	-	*
Aberdeen...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1014.8	-2	-	0	55	65	4	-	Sc	10	-	-	-	2	*
Howden...	1020.9	-1	-	-	C	49	92	7	4200	Sc	6	AS	2	*	1020.2	-1	SW	2	0	57	75	5	4200	Cu	3	AS	7	-	*
Cranwell (Lines)	1022.1	-1	W	2	0	46	97	5	-	-	-	1	*	-	1020.7	0	WNW	3	0	60	75	7	-	-	-	Cu	2	1	*
Felixstowe...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1020.4	0	WNW	3	0	60	75	7	-	-	-	Cu	2	1	*
Shoeburyness...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1020.7	0	NE	1	0	61	65	7	-	-	-	Cu	2	1	*
Benson...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1019.7	0	WNW	3	0	59	75	6	-	Cu	2	Cu	5	-	*
S. Farnborough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1021.2	-1	W	3	0	59	75	7	1000	Sc	3	Cu	5	-	*
London (Kew Obs.)	1022.1	61	-	-	-	-	-	-	-	-	-	-	-	-	1021.3	0	W	1	0	61	75	6	3000	Cu	1	AS	6	-	*
Croydon...	1022.4	-1	SW	2	0	57	75	6	3000	Sc	6	Cu	1	*	1021.3	-1	WSW	2	0	60	75	6	-	-	-	Cu	7	-	*
STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.																													
STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Weather.	Sea.	Rainfall.	TEMP.			WEATHER.			Sunshine.								
	at M.S.L.		Force	at M.S.L.		Change in 3 hours.	Temp. °F.	Change in 24 hours.	Force	at M.S.L.	Temp. °F.				Change in 24 hours.	Force	at M.S.L.	Temp. °F.	Change in 24 hours.	Max. °F.		Min. °F.	Morning.	Afternoon.	Night.				
	mb.		0-12.	mb.		°F.	°F.	°F.	0-12.	mb.	°F.				°F.	0-12.	mb.	°F.	°F.	°F.		°F.	°F.	°F.	°F.	Hours.			
12H. G.M.T. OF 24 th																													
Lerwick...	1016.9	52	W	2	0	1012.8	-3	52	+2	0	-	C	0	2	56	49	-	-	omr	-									
Stornoway...	1016.6	56	SW	4	0	1011.7	-1	52	-1	3	-	om	2	3	58	51	0	0	om	0.1									
Castlebay (Barra)	1018.5	54	SW	4	0	1013.1	-1	53	+2	3	W	C	3	2	55	51	0	0	omr	0.8									
Malin Head...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Blacksod Point...	1016.7	55	S	4	0	1015.0	-4	56	+2	SW	2	-	omd	2	61	53	-	-	omr	-									
Roche's Point...	1024.7	55	SW	3	0	1021.1	-1	56	+2	WSW	2	-	om	2	60	53	0	0	omr	-									
Birr Castle...	1022.0	58	SW	1	0	1018.0	-	56	+5	SW	2	-	om	-	61	51	0	0	omr	-									
Donaghadee...	1021.5	60	W	2	0	1019.5	-1	56	+4	W	2	-	om	3	61	51	0	0	omr	-									
Liverpool (Hulton)	1023.3	54	WNW	1	0	1017.9	-2	55	0	SSW	1	-	om	1	59	50	0	0	omr	4.5									
Holyhead...	1023.6	56	SW	3	0	1018.0	-2	55	0	SW	3	-	om	1	60	52	0	0	omr	5.0									
Pembroke (St. Mary's)	1024.7	56	W	1	0	1020.4	-2	56	+1	WSW	3	-	om	2	61	50	0	0	omr	8.9									
Scilly (St. Mary's)	1024.8	61	NW	1	0	1023.1	-1	56	-2	W	3	-	om	4	64	55	0	0	omr	12.6									
Jersey (St. Aubin)	1023.9	65	N	3	0	1022.9	0	60	-2	NW	3	-	om	2	70	53	0	0	omr	15.0									
Portland Bill...	1024.2	62	W	2	0	1022.0	0	58	0	WNW	2	-	om	3	64	54	0	0	omr	-									
Dunne...	1022.8	60	E	2	0	1020.8	-1	62	+2	NW	2	-	om	2	65	46	0	0	omr	-									
Wick...	1017.8	57	S	1	0	1011.9	-3	52	-1	SSW	2	-	om	2	57	49	0	0	omr	-									
Nairn...	1017.7	56	-	0	0	1012.3	-	54	+1	-	0	-	om	1	60	49	0	0	omr	1.0									
Leith...	1020.2	57	W	1	0	1014.6	-1	52	-2	NE	1	-	om	1	59	52	0	0	omr	-									
Tynemouth...	1021.7	57	WNW	2	0	1017.0	-2	52	0	W	2	-	om	2	60	48	0	0	omr	-									
Spinn Head...	1022.7	57	SSE	3	0	1019.8	-1	55	-1	W	3	-	om	2	61	50	0	0	omr	-									
Yarmouth (Gorleston)	1023.4	57	SSE	3	0	1019.3	-1	56	+3	NW	3	-	om	2	64	48	0	0	omr	11.8									
Clacton-on-Sea	1023.9	60	ESE	3	0	1020.3	0	58	+5	NW	3	NW	om	2	66	53	0	0	omr	12.4									
Nottingham...	1022.2	65	SW																										

* 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. Friday, 25th June, 1920.

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



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

GENERAL INFERENCE from observations received up to 9h GMT.

With low pressure spreading in from the Atlantic the gradual change to cloudier and less settled weather may extend to the East of England before long but there are no indications at present of much increase of wind.

Districts.	Forecasts for the 24 hours commencing 15h. GMT Friday, 25th June, 1920.	Further Outlook.
1. S.E. England	Light to moderate Westerly wind; cloudy, perhaps some showers on Saturday; visibility good; rather high temperature this evening but somewhat cooler on Saturday.	Unsettled for at least two days except possibly in the East and South of England where the further outlook is very uncertain.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales	Moderate South-West to West wind; cloudy, some showers; visibility fair to good; temperature about normal.	
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		

SYNOPTIC CHART FOR MORNING OF FRIDAY 25TH JUNE 1920

Nautical Miles
Statute Miles

Scale - 1:10,000,000

EXPLANATION.
Data are drawn from
millibars.
is shown by arrow
ind. Force, on the side
ed by the number of
osity is shown in mill
es in small circles.
given in degrees f.
sky & clouded.
sky & clouded.
rain falling.
fog. = fog. = mist.
thunderstorm.
High

Outlook.

ed for
two days
possibly
ast and
England
e further
is very

n.

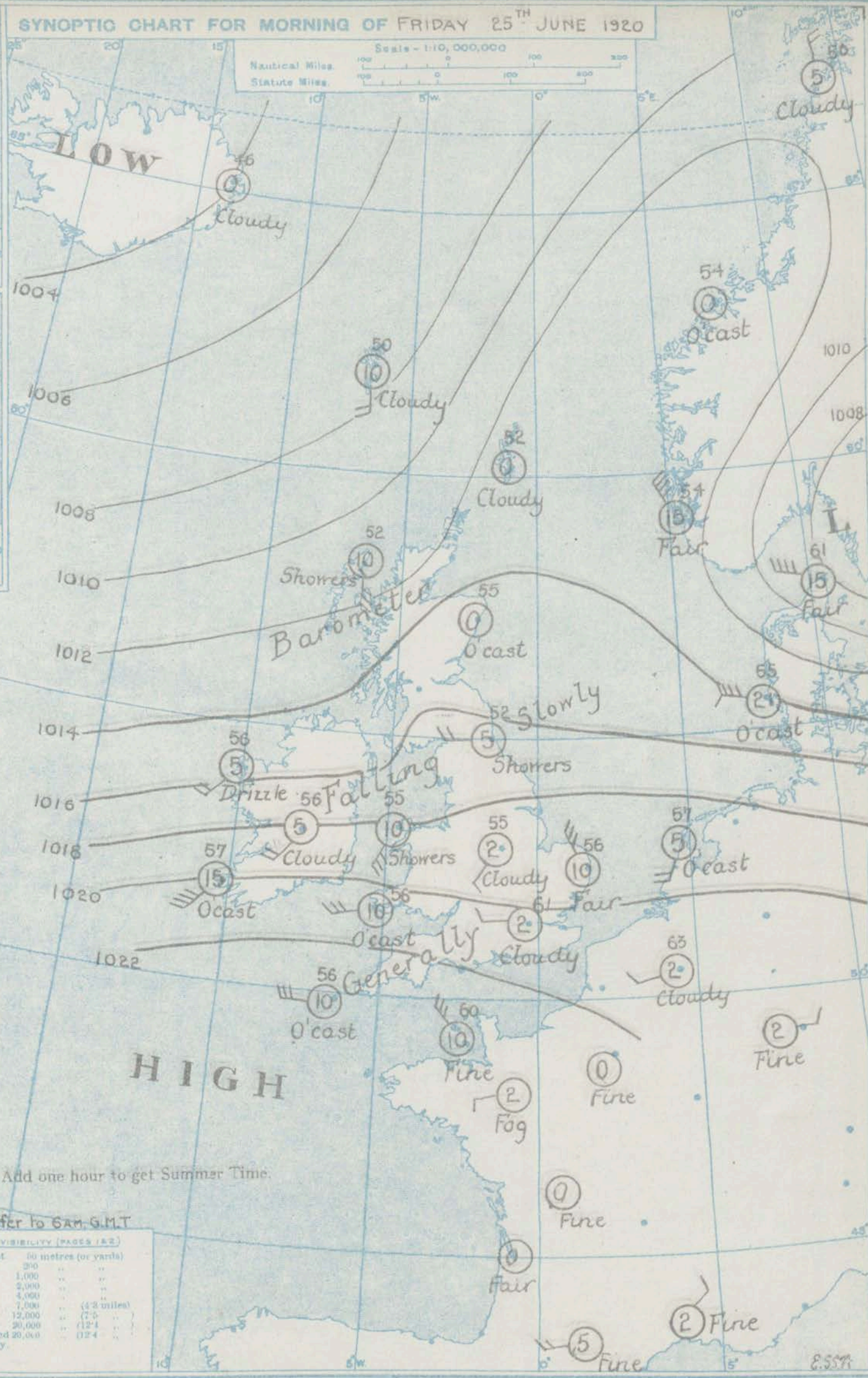
All times are G.M.T Add one hour to get Summer Time.

The reports for France refer to 6 A.M. G.M.T

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)

	Objects not visible at	50 metres (or yards)
1. Dense fog.	"	200
2. Very Bad	"	1,000
3. 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.	

S. Director.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 177

Friday,
25th June 1920

WEATHER, TEMPERATURE RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 24 ^{hrs}																				
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.
Scotland.	Oban ...	o o	bc	54	44	-	-	0.4	4.2	England, N.W.	Douglas (I.O.M.)	bc	bc	68	44	-	-	0.4	11.6	
	Banff ...	o	o	59	44	-	-	1.2	11.4		Blackpool ...	c	o	61	54	-	-	3.6	11.8	
	Montrose ...	b bc	c	66	42	-	-	5.0	12.5		Southport ...	o c bc	c o	59	51	-	-	2.5	11.5	
	St. Andrews ...	c	c	62	46	-	-	1.5	13.1											
England, N.E.	Harrogate ...	o c	c bc c	62	48	-	-	2.7	12.0	Midlands.	Buxton ...	c o c bc	bc bc c	63	43	-	-	4.2	?	
	Scarborough ...	b	b	64	48	-	-	4.3	10.0		Leamington Spa ...	c	c	68	45	-	-	8.6	9.3	
	Shegness ...	gc bc	c bc b	63	47	-	-	7.4	9.5		Malvern ...	bc bc bc	bc bc c	71	43	-	-	11.0	8.8	
	Lowestoft ...	bc	bc	61	48	-	-	9.4	4.2		Ross-on-Wye ...	bc bc bc	bc bc	71	43	-	-	11.0	8.8	
England, E.	Felixstowe ...	b	b	69	50	-	-	11.7	7.9	Wales.	Bath ...	bc b	b	70	52	-	-	9.5	7.1	
	Southend-on-Sea...										Rhyl ...	c bc	bc cv	59	47	-	-	3.7	10.6	
											Colwyn Bay ...	*	*	60	52	-	-	3.5	10.5	
											Llandudno ...	* *	* *	60	52	-	-	3.7	12.8	
England, S.E.	Tunbridge Wells	b bc	bc	72	51	-	-	7.6	5.9	England, S.W.	Aberystwyth ...	o b b	bc c	63	47	-	-	7.0	10.0	
	Margate ...	c bc b	b	65	54	-	-	8.4	5.3		Swansea ...									
	Ramsgate ...	*	*	65	53	-	-	8.5	7.0		Weymouth ...	bc b	b	73	53	-	-	11.3	7.2	
	Folkestone ...	b	b	64	56	-	-	10.2	4.4		Teignmouth ...	b	b	69	52	-	-	12.0	4.9	
	Hastings ...	b	b bc b	66	58	-	-	11.1	9.6		Torquay ...	bc	bc	68	52	-	-	12.3	6.4	
	Eastbourne...	b	b	66	58	-	-	11.3	10.0		Paignton ...	b	b	70	50	-	-	11.8	4.2	
	Brighton ...	c bc b	bc	67	58	-	-	10.8	8.1		Penzance ...	b	b	67	52	-	-	11.9	2.8	
	Worthing ...	b	b	68	54	-	-	11.4	9.5		Newquay ...	b	b	63	52	-	-	12.0	10.6	
	Littlehampton ...	bc	b	68	62	-	-	11.0	5.2		Bude ...	w bc	bc c	?	43	-	-	11.8	6.8	
	Portsmouth (S'bea)	*	*	70	56	-	-	11.1	7.9		Ilfracombe ...	b	b bc	63	51	-	-	11.9	7.2	
	Bournemouth ...	*	*	72	51	-	-	12.0	8.0		Weston-s-Mare ...	b	b bc	67	50	-	-	11.8	8.3	
	Ventnor (I. of W.)	*	*	67	53	-	-	11.9	8.3		Tenby (Wales)	b	b bc	65	44	-	-	10.6	6.7	

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.	
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		Sun.		b blue sky (not more than a quarter covered).	bc sky partly cloudy (one half covered).	Limits of Velocity at about 30 feet above ground.	
		7h-15h	15h-17h	Max. Temp. °F.	Min. Temp. °F.	Day 7h-15h.	Night 15h-17h.	Hourly.	Hourly.				
Renfrew ...		c bc	c o c	58	50	49	58	1	2.7	c generally cloudy (three quarters covered).	d drizzle, or fine rain.	No.	Statute miles per hour.
Eskdalemuir ...		o bc	o	54	45	38	0.1	2	0.2	e wet air without rain falling.	f fog.	1	Less than 1
Valencia (Cahirciveen) ...		c o bc	o	60	53	51	5	1	3.5	g gloom.	h hail.	2	1-3
Baldonnel ...		c	c	64	48	8	Tr	Tr	0.8	i lightning.	m mist.	3	4-7
Didsbury ...		o bc	c o	64	42	34	-	-	*	n overcast sky.	p passing showers.	4	8-12
Falmouth ...		b bc	b bc	63	53	51	-	-	15.0	q squalls.	r rain.	5	13-18
Calshot (Hants) ...		b bc	b bc	72	55	52	-	-	13.6	s sleet, i.e., rain and snow together.	t thunder.	6	19-24
Lympne (Folkestone) ...		bc	bc	67	54	44	-	-	12.0	u ugly, threatening sky.	v unusual visibility.	7	25-31
Aberdeen ...		bc bc	bc	60	48	44	-	-	2.4	w dew.	x hoar frost.	8	32-38
Howden ...		bc bc	bc	65	44	*	-	-	6.9	y dry air; humidity less than 60 per cent.	z dust haze; the turbid atmosphere of dry weather.	9	39-40
Cranwell (Lincoln) ...		bc bc	bc	68	52	49	-	-	12.0	Capital letters indicate intensity, and repetition of letters continuity, thus:-		10	41-44
Felixstowe ...		bc bc	bc	71	49	45	-	-	*	R = heavy rain.		11	45-48
Shoeburyness ...		bc bc	bc	73	52	44	-	-	Trace	rr = continuous moderate rain.		12	49-55
Benson ...		bc bc	bc	71	54	*	-	-	*	r.r. = continuous light rain.			Above 75
S. Farnborough ...		bc bc	bc	72	56	46	-	-	12.0				39 or above
London (Kew Obs.) ...		bc bc	bc	71	54	*	-	-	*				
Croydon ...		bc bc	bc	71	54	*	-	-	*				

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).		TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.					
Morning.		Weather.		Night.	Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	Rain- fall.	Sun- shine to Sunset.	Humidity %							
										15 h. G.M.T.	9 h. G.M.T.						
24 HOURS ENDED 25 th JUNE 1920.										YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.		25 th & 26 th JUNE 1920.			
														Stations.	Sunrise.	Noon.	Sunset.
															G.M.T.	G.M.T.	G.M.T.
Greenwich (Royal Observatory)	bc c	bc c	bc o bc	75	53	43	-	10.1	48	57			Yarmouth...	3.32	11.55	8.18	
City (Bunhill Row)	*	*	*	72	56	48	-	11.7	*	*					3.33	11.55	8.18
Westminster (St. James's Park)	*	*	*	74	58	*	-	11.8	50	62			Greenwich	2.45	12.2	8.19	
" (Admiralty Arch)	bc bc	cz bc z	bc r	76	56	53	-	11.5	56	68					3.45	12.2	8.19
Camden Sq. (British Rainfall)	b	b bc	*	76	56	53	-	*	42	60	Milliwatts.		Wick	3.8	12.14	9.20	
Kensington Palace	b	b bc	*	72	55	51	-	*	49 (18h)	66	Average Rate.			36.6	3.8	12.14	9.20
Hampstead Observatory	*	*	*	71	54	*	-	12.3	*	64	Maximum Rate.		8.3	4.23	12.43	9.3	

Photographic Record of

Pole Star (Polaris) and of δ Ursae

Minors at Greenwich Observatory.

Exposure from 24th 21h. 30m.
to 25th 2h. 30m.

Stars.	Duration of Exposure.		Duration of Record.		%
Polaris	h.	m.	h.	m.	
δ Ursae	5	0	2	58	59
Minors	5	0	1	54	38

NOTES ON THE WEATHER OF YESTERDAY.

Some rain fell in Scotland and Ireland but the amount was small, 6 mm at Valencia and 3 mm at Stornaway being the largest totals. Except in the West and North, sunshine records were good, as much as 15 hours at Jersey and Falmouth. The temperature slightly exceeded 70° at several stations in the South of England.



ORD 71269

TEMPERATURE.	
K.	Min. ° F.

	60

Saturday, 26th June....1920.

45
58
89

66
66
59

69

9	68
2	68
6	66

19	73
6	63
8	72

12	70
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ter.	Sea
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SUMMARY OF CONDITIONS AT 7h.G.M.T. Saturday, 26th June, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	WSW-WNW. 2-10	V. Warm.	Mainly dull, slight in-land mist.	Good.	Slight
2. E. England	WSW-NW. 5-10	Warm.	Cloudy or dull, slight local mist.	"	Smooth
3. E. Midlands	WSW. 5	"	Dull, showers & mist in North	Indiff	-
4. W. Midlands	W'ly. 5-10	R. Warm.	Dull.	"	-
5. S.W. England	W'ly. 10-15	"	Dull.	Fair.	Slight
6. South Wales	W. 5-10	"	Dull, local mist.	Indiff	"
7. North Wales	W'ly. 10-15	Moderate	Dull.	Fair.	"
8. N.W. England	W. 5-10	"	Cloudy or dull, local mist	Indiff	Smooth
9. N. Midlands	SW-W. 5-10	R. Warm.	Dull, local mist.	"	-
10. N.E. England	WNW. 5-10	Warm.	Cloudy or dull, misty.	Poor.	Smooth
11. E. Scotland	W-NW. 2-5	Moderate	Cloudy or dull.	V. Good.	Smooth.
12. S.W. Scotland	W. 5-10	"	Cloudy or dull.	Good.	"
13. Isle of Man	W-N. 2-10	"	Cloudy or dull.	Fair.	"
14. N. & N.W. Scot-land	SW-W. 2-5	"	Cloudy or dull, showers in North.	"	"
15. Hebrides	W. 5-10	"	Cloudy or dull.	Good.	"
16. Orkneys and Shetlands	W. 2-5	R. Warm.	Fair.	Fair.	"
17. N.W. Ireland	Calm.	Moderate	Cloudy.	"	"
18. N.E. Ireland	W-N. 2-5	"	Cloudy, local mist.	Indiff.	"
19. S.E. Ireland	SW-W. 5-15	"	Dull, local drizzle.	"	"
20. S.W. Ireland	WSW. 2-5	"	Dull, local drizzle.	Fair.	"

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

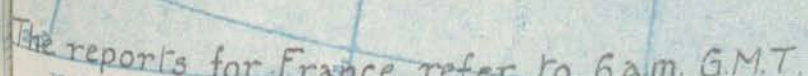
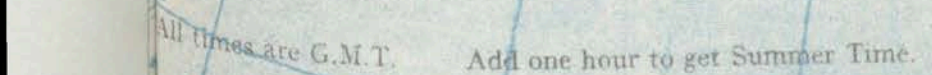
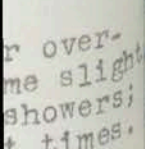
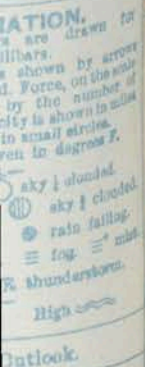
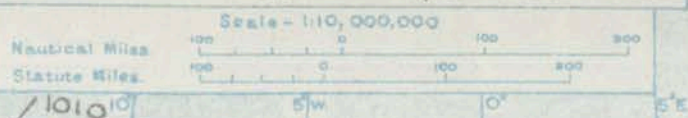
Very shallow secondary depressions are likely to cause much cloud generally and some slight rain or showers in various localities. Brighter periods will, however, be experienced at times. Similar conditions appear probable beyond the ensuing 24 hours.

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

Districts.	Forecasts for the 24 hours commencing 15h.GMT. Saturday 26th June, 1920.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind West or North-West, light, much cloud generally; some local slight rain or showers; fairer at times; visibility mainly fair; temperature about normal.	Cloudy or overcast, some slight rain or showers; fairer at times.
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scot-land 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland	Wind West or North-West, light; cloudy or overcast; some showers in places; visibility fair; moderate temperature.	
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind South-West or West, light; cloudy or overcast; some rain or showers; fairer intervals; moderate temperature.	

TELEGRAPH
 1. Dense fog
 2. Very fog
 3. Very fog
 4. Very fog
 5. Indiffer
 6. Fair
 7. Good
 8. Very Go
 9. Excellent

SYNOPTIC CHART FOR MORNING OF SATURDAY, JUNE 26TH 1920



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

Director.

M.K.O.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 178

Saturday
26th June 1920

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 25 th																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sun- set.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sun- set.
Scotland.	Oban	o c	bc	69	50	4	-	0.4	1.2	England, N.W.	Douglas (I.O.M.)	*	*	64	49	2	-	2.3	0.4
	Banff	c	c bc d	61	49	-	-	2.2	1.2		Blackpool	o c	c o	63	50	3	0.1	0.6	3.6
	Montrose	o	o bc	66	45	2	-	1.2	5.0		Southport	o c o	o	61	48	1	-	?	3.2
	St. Andrews ...	c	b	64	50	1	2	1.2	1.4										
England, N.E.	Harrogate	o	o c	58	45	-	-	0.0	2.4	Midlands.	Buxton	cgc	c bc	62	42	-	-	0.4	4.5
	Scarborough ...	bc	bc	64	48	-	-	2.1	4.6		Leamington Spa ...	o c b	c b o	64	45	-	-	1.0	9.3
	Skegness	c b v	o r c	64	47	-	1	3.5	8.4		Malvern	o c	c o	64	52	-	-	1.5	?
	Lowestoft	bc o o	o r	64	53	-	1	6.3	10.8		Ross-on-Wye	o c p	d o z	69	51	-	-	2.4	11.0
England, E.	Felixstowe	bc	o r	68	56	-	-	8.8	13.4	Wales.	Bath	o	o c	64	54	-	-	0.6	10.2
	Southend-on-Sea...	bc	bc c	72	53	-	-	4.0	?		Rhyl	o p	o	63	47	1	-	0.1	3.4
											Colwyn Bay	*	*	63	52	-	-	0.0	3.5
											Llandudno	*	*	60	48	1	-	0.0	3.4
England, S.E.											Aberystwyth	r v c	c r r	60	55	1	1	0.0	4.0
	Tunbridge Wells ...	b bc	bc c	71	52	-	-	8.2	8.1	England, S.W.	Swansea								
	Margate	c bc d	c	69	55	-	-	5.4	9.6		Weymouth	c bc	bc b	70	50	-	-	5.8	12.6
	Ramsgate	*	*	68	52	-	-	5.6	5.9		Teignmouth	c o c bc	bc	75	56	-	-	5.5	14.3
	Folkestone	b bc	bc c	67	50	-	-	7.9	11.6		Torquay	c	bc	72	56	-	-	5.3	14.2
	Hastings	bc	bc c	69	54	-	-	10.4	13.0		Paignton	c bc	bc b	72	61	-	-	6.2	14.0
	Eastbourne	bc	bc	66	55	-	-	10.1	12.9		Penzance	o c	c	65	55	-	-	1.4	14.0
	Brighton	bc c	c o	65	55	-	-	7.9	13.4		Newquay	o p a bc	c d c	63	55	-	-	1.4	14.4
	Worthing	b bc	bc c o	66	55	-	-	6.0	13.5		Bude	a	c d bc	64	57	0.1	-	1.9	13.6
	Littlehampton ...	bc	o m v	65	52	-	-	5.4	12.6		Ilfracombe	o d o	c bc c o	63	54	0.3	0.1	3.1	13.2
	Portsmouth (S. Sea) ...	*	*	69	54	-	-	6.8	12.4		Weston-s-Mare	r bc c	bc c	65	54	-	-	1.0	12.4
	Bournemouth	*	*	70	53	-	-	5.5	13.2		Tenby (Wales)	c	c bc	63	55	1	0.3	0.4	10.6
	Ventnor (I. of W.) ...	*	*	67	54	-	-	4.8	13.9										

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 25 th	13h-18h 25 th	18h-24h 25 th	1h-7h 26 th				Day. 7h-18h	Night. 18h-7h				Statute miles per hour.	Metres per second.
Renfrew...	o f p d	c f 23	c o b c c	bc c o	60	46	39	mm. 0.3	mm. Trace	0.7				
Esksdalemuir ...	o f p d	c f 16	c o b c c	b bc c	56	46	39	2	Trace	0.0				
Valencia (Cahirciveen) ...	r p d o f	c f 0	o f p d o	o p d o	58	55	55	5	1	0.0				
Baldonnel ...	o p d o	o f	c o r r					*	*	*				
Didsbury ...	p o	o f g	o g	o f g	63	52	46	Trace	Trace	*				
Falmouth ...	p d g c	b c c b o	b bc i f	o	69	54	51	-	-	6.1				
Calshot (Hants) ...	c c o	b bc c	c o	o i f	66	56	55	-	-	7.9				
Lympne (Folkestone) ...	z f i f	c o c	c o i f	c o i f	67	54	44	-	-	9.8				
Aberdeen ...	o f i f		b c i f	o r o	63	49	46	3	2	2.8				
Howden ...	o f p d o	g c o	c o z f				*							
Cranwell (Lincs) ...	c o o z f g	o f	o b c f	b c c f e	63	52	*	1	Trace	2.0				
Felixstowe ...	b bc	c o b c r r o	c o	a c	69	58	*	*	*	*				
Shoeburyness ...	b c i f	b c c	c o b c f	b c c o	71	57	53	-	-	6.1				
Benson ...	b o	b c c	c o	o	69	54	49	-	-	*				
S. Farnborough ...	c o z f g c	c o b c c	c o b c c	*	73	55	49	-	-	3.7				
London (Kew Obs.) ...	a c a d o	c	o c o	c o i f	71	58	52	-	-	3.9				
Croydon ...	c o o	c o	c o i f	c i o f g	71	56	*	-	-	1.6				

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. 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.						16 h. G.M.T.	9 h. G.M.T.		Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
	24 HOURS ENDED 9H G.M.T. 26 th								YESTERDAY.	TO-DAY.					
											Vertical Component of Solar Radiation per Square Centimetre during yesterday.	26 th 27 th June 1920.			
Greenwich (Royal Observatory)	c.0	0.	0.c.0	74	57	47	-	6.5	53	72	Total 1116 Joules. Milliwatts.	Yarmouth...	3.33	11.55	8.18
City (Bunhill Row) ...	*	*	*	*	*	*	*	5.7	*	*		3.33	11.56	8.18	
Westminster (St. James's Park)	*	*	*	71	58	51	-	5.3	57	73	Average Rate. 18.7	Greenwich	3.45	12.2	8.19
(Admiralty Arch)	CX.0	0X.0V	CV.20	73	59	*	-	5.1	66	80		3.46	12.3	8.19	
Camden Sq. (British Rainfall)	bc.c	c.0	*	73	57	53	-	*	57	72	Maximum Rate. 66	Wick ...	3.8	12.14	9.20
Kensington Palace ...	0.c	0	*	72	58	52	-	*	18h	79		3.9	12.15	9.20	
Hampstead Observatory ...	*	*	*	68	55	*	-	5.5	*	80		Valencia ...	4.23	12.43	9.3
													4.24	12.44	9.3



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 21, 402

Sunday, 27th JUNE.....1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 10, 7, 13 AND 18.																												
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	Humidity, %	Visibility, 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	Humidity, %	Visibility, 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea
			Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.	
			13H. G.M.T. 26 th																									
Renfrew	1016.6	0	WSW	2	0	58	85	8	2000	Sc	5	Al	2	+	1016.6	0	W	2	0	58	85	8	2000	Sc	5	Al	2	+
Eskdalemuir	1015.8	0	WSW	2	0	60	85	8	2000	Sc	5	Al	2	+	1016.6	0	W	2	0	58	85	8	2000	Sc	5	Al	2	+
Valencia (Cahire's)	1020.0	-2	WSW	2	0	58	85	8	2000	Sc	5	Al	2	+	1017.8	-2	SSW	2	0	58	85	8	2000	Sc	5	Al	2	+
Baldonnel	1018.2	-1	0	0	0	58	85	8	2000	Sc	5	Al	2	+	1017.8	-1	SSW	2	0	58	85	8	2000	Sc	5	Al	2	+
18H. G.M.T. OF 26 th																												
Didsbury	1017.9	0	W	2	0	60	85	8	2000	Sc	5	Al	2	+	1018.0	0	W	2	0	60	85	8	2000	Sc	5	Al	2	+
Falmouth	1020.8	0	WSW	3	0	60	85	8	2000	Sc	5	Al	2	+	1020.4	-1	WSW	3	0	60	85	8	2000	Sc	5	Al	2	+
Calshot (Hants)	1019.3	0	SW	3	0	60	85	8	2000	Sc	5	Al	2	+	1018.9	0	SW	3	0	60	85	8	2000	Sc	5	Al	2	+
Lympne (Folkestone)	1018.7	0	SW	2	0	60	85	8	2000	Sc	5	Al	2	+	1018.4	0	WSW	4	0	60	85	8	2000	Sc	5	Al	2	+
1H. G.M.T. OF 27 th																												
Aberdeen	1016.0	0	SW	1	0	58	85	8	2000	Sc	5	Al	2	+	1016.0	0	S	1	0	58	85	8	2000	Sc	5	Al	2	+
Howden	1015.4	0	W	1	0	60	85	8	2000	Sc	5	Al	2	+	1016.4	0	W	3	0	58	85	8	2000	Sc	5	Al	2	+
Cranwell (Lincs)	1017.0	0	WSW	2	0	60	85	8	2000	Sc	5	Al	2	+	1017.8	-1	WSW	3	0	58	85	8	2000	Sc	5	Al	2	+
Felixstowe	1017.7	-1	W	2	0	60	85	8	2000	Sc	5	Al	2	+	1017.6	-1	WSW	2	0	60	85	8	2000	Sc	5	Al	2	+
Shoeburyness	1018.2	0	SW	3	0	60	85	8	2000	Sc	5	Al	2	+	1018.0	0	W	1	0	60	85	8	2000	Sc	5	Al	2	+
Benson	1018.4	0	WSW	2	0	60	85	8	2000	Sc	5	Al	2	+	1018.3	0	WSW	1	0	60	85	8	2000	Sc	5	Al	2	+
S. Farnborough	1018.3	0	WSW	3	0	60	85	8	2000	Sc	5	Al	2	+	1018.4	0	WSW	1	0	60	85	8	2000	Sc	5	Al	2	+
London (Kew Obs.)	1018.2	-2	SW	3	0	60	85	8	2000	Sc	5	Al	2	+	1018.0	0	W	1	0	60	85	8	2000	Sc	5	Al	2	+
Croydon	1019.0	0	WSW	2	0	60	85	8	2000	Sc	5	Al	2	+	1018.8	0	WSW	2	0	60	85	8	2000	Sc	5	Al	2	+
7H. G.M.T. OF 27 th																												
Renfrew	1015.0	0	0	0	0	57	92	8	2000	Sc	5	Al	2	+	1015.0	-2	0	0	0	57	92	8	2000	Sc	5	Al	2	+
Eskdalemuir	1016.0	-2	3	1	0	57	92	8	2000	Sc	5	Al	2	+	1015.6	-2	0	0	0	57	92	8	2000	Sc	5	Al	2	+
Valencia (Cahire's)	1016.0	-2	3	1	0	57	92	8	2000	Sc	5	Al	2	+	1014.7	-1	SSW	3	0	57	92	8	2000	Sc	5	Al	2	+
Baldonnel	1017.0	-1	SSW	2	0	58	92	8	2000	Sc	5	Al	2	+	1014.0	-4	0	0	0	60	95	7	2000	Sc	5	Al	2	+
Didsbury	1017.9	0	W	2	0	60	85	8	2000	Sc	5	Al	2	+	1017.3	-1	S	2	0	60	85	8	2000	Sc	5	Al	2	+
Falmouth	1019.6	-2	WSW	2	0	60	85	8	2000	Sc	5	Al	2	+	1018.0	-1	SW	3	0	60	85	8	2000	Sc	5	Al	2	+
Calshot (Hants)	1018.3	0	0	0	0	60	85	8	2000	Sc	5	Al	2	+	1018.5	0	0	0	0	60	85	8	2000	Sc	5	Al	2	+
Lympne (Folkestone)	1018.2	0	0	0	0	58	92	8	2000	Sc	5	Al	2	+	1018.3	0	W	1	0	60	85	8	2000	Sc	5	Al	2	+
Aberdeen	1017.3	0	0	0	0	58	92	8	2000	Sc	5	Al	2	+	1018.2	-1	0	0	0	60	85	8	2000	Sc	5	Al	2	+
Howden	1018.1	0	WSW	2	0	58	92	8	2000	Sc	5	Al	2	+	1017.3	0	0	0	0	60	85	8	2000	Sc	5	Al	2	+
Cranwell (Lincs)	1018.1	0	WSW	2	0	58	92	8	2000	Sc	5	Al	2	+	1018.0	0	WSW	2	0	60	85	8	2000	Sc	5	Al	2	+
Felixstowe	1018.1	0	WSW	2	0	58	92	8	2000	Sc	5	Al	2	+	1017.7	0	0	0	0	60	85	8	2000	Sc	5	Al	2	+
Shoeburyness	1018.1	0	WSW	2	0	58	92	8	2000	Sc	5	Al	2	+	1017.9	0	0	0	0	60	85	8	2000	Sc	5	Al	2	+
Benson	1018.1	0	WSW	2	0	58	92	8	2000	Sc	5	Al	2	+	1017.9	0	0	0	0	60	85	8	2000	Sc	5	Al	2	+
S. Farnborough	1018.1	0	WSW	2	0	58	92	8	2000	Sc	5	Al	2	+	1017.9	0	0	0	0	60	85	8	2000	Sc	5	Al	2	+
London (Kew Obs.)	1017.9	0	0	0	0	61	92	8	2000	Sc	5	Al	2	+	1018.1	0	SW	1	0	61	92	8	2000	Sc	5	Al	2	+
Croydon	1018.9	0	SW	1	0	59	92	8	2000	Sc	5	Al	2	+	1018.5	0	W	1	0	61	92	8	2000	Sc	5	Al	2	+
STATIONS CONTRIBUTING REPORTS AT 7H. AND 18H.																												
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		WEATHER.	BAROMETER. at M.S.L. mb.	TEMPERATURE.		WIND.		Dir. of Upper Cloud.	WEATHER.	Sea	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.								
			Dir.	Force 0-12.			Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.									
			18H. G.M.T. OF 26 th																									
Lerwick	1014.4	53	W	2	0	1013.3	52	0	WSW	2	0	bc	1	1	56	49	0.0	0	0	1.7								
Stornoway	1016.2	53	W	2	0	1014.0	53	0	S	1	0	0	0	1	58	50	0.0	0	0	1.7								
Castlebay (Barra)	1017.3	54	W	3	0	1013.6	53	0	SE	3	0	0	3	1	56	49	0.0	0.0	0.0	3.3								
7H. G.M.T. OF 27 th																												
Malin Head	1015.7	54	0	0	0	1011.4	53	+5	SW	1	0	0	1	4	62	52	0.0	bc	bc	1.7								
Blacksod Point	1019.1	57	SW	1	0	1015.8	56	-1	SW	1	0	0	2	3	61	54	0.0	bc	bc	1.7								
Roche's Point	1016.9	64	SW	1	0	1013.5	60	+6	SW	1	0	0	1	1	65	53	0.0	bc	bc	1.7								
Birr Castle	1017.2	58	SW	2	0	1014.4	53	0	S	2	0	0	1	1	59	51	0.0	bc	bc	1.7								
Donaghadee	1018.1	58	SW	2	0	1016.0	54	-1	SE	2	0	0	2	1	60	50	0.0	bc	bc	1.7								
Liverpool (Bidston)	1018.3	59	N	3	0	1015.4	57	+3	SSW	4	0	0	3	1	62	51	0.0	bc	bc	1.7								
Holyhead	1019.4	57	WSW	3	0	1016.7	57	+1	SW	1	0	0	2	1	65	54	0.0	bc	bc	1.7								
Pembroke (St. Ann's Head)	1020.5	60	WSW	3	0	1018.9	59	+1	WSW	2	0	0	3	1	62	57	0.0	bc	bc	1.7								
Scilly (St. Mary's)	1021.3	63	WSW	3	0	1020.1	58	-1	SW	3	0	0	3	1	65	57	0.0	bc	bc	1.7								
Jersey (St. Aubin)	1019.0	60	W	4	0	1018.6	58	-1	WSW	2	0	0	3	1	61	54	0.0	bc	bc	1.7								
Portland Bill	1018.1	60	SW	4	0	1018.1	62	+1	WSW	2	0	0	3	1	65	53	0.0	bc	bc	1.7								
Dungeness	1018.1	60	SW	4	0	1018.1	62	+1	WSW	2	0	0	3	1	65	53	0.0	bc	bc	1.7								
Wick	1018.1	56	WSW	1	0	1014.1	51	+1	0	0	0	0	0	1	58	41	0.0	bc	bc	1.7								
Nairn	1015.4	58	0	0	0	1014.7	53	0	0	0	0	0	0	1	62	47	0.0	bc	bc	1.7								
Leith	1015.3	62	W	2	0	1015.1	52	-2	NW	1	0	0	1	1	64	43	0.0	bc	bc	1.7								
Tynemouth	1015.7	59	0	0	0	1016.2	56	-1	W	1	0	0	1	1	60	47	0.0	bc	bc	1.7								
Spurn Head	1016.6	58	SSW	1	0	1016.6	54	-5	W	5	0	0	3	1	63	50	0.0	bc	bc	1.7								
Yarmouth (Old)	1016.1	63	WSW	1	0	1016.9	57	-3	WSW	2	0	0	1	1	67	54	0.0	bc	bc	1.7								
Clacton-on-Sea	1017.4	62	WSW	2	0	1017.9	60	+1	W	1	0	0	0	1	68	56	0.0	bc	bc	1.7								
Nottingham	1017.5	60	WSW	2	0	1017.4	56	-3	S	1	0	0	1	1	67	50	0.0	bc	bc	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 h.a.g.m.t. 27th June, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Wly 0-5	R. Warm	Fair to dull, local mists	Var.	Smooth
2. E. England	W-NW 0-5	Mod.	Fog at Beachy Head. Variable sky, local mist.	Fair	"
3. E. Midlands	S-W 0-2	"	Variable sky, local mist.	Indif	-
4. W. Midlands	S-SW 0-2	"	Fair to dull.	"	-
5. S.W. England	Wly 2-10	"	Cloudy or dull, coastal	Var.	Slight
6. South Wales	SW 0-2	R. Warm	Dull local rain and fog.	"	Smooth
7. North Wales	S-SW 5-15	Mod.	Cloudy.	V. Good	Slight
8. N.W. England	SE-SW 0-5	"	Fair to dull.	Indif	Smooth
9. N. Midlands	S-W 0-5	"	Fair to cloudy.	"	-
10. N.E. England	W 5-15	"	Fair or fine coastal mist.	"	Slight
11. E. Scotland	S-NW 0-2	Mod.	Fair or fine, local mist	Fair	Smooth
12. S.W. Scotland	Calm.	Cold.	Dull local mist.	Indif	"
13. Isle of Man	S-SW 2-10	Mod.	Cloudy or dull.	Fair	"
14. N. & N.W. Scot- land	Sly 0-2	"	Fair to dull.	Indif	Calm.
15. Hebrides	SE-S 2-10	"	Cloudy or dull.	Fair	Smooth
16. Orkneys and Shetlands	SW 2-5	"	Fair.	"	"
17. N.W. Ireland	SW 2	R. Warm	Dull local mist & drizzle.	Poor	"
18. N.E. Ireland	Sly 2-5	Mod.	Dull local fog.	Var.	"
19. S.E. Ireland	SW 0-2	Warm.	Dull local mist.	Fair	"
20. S.W. Ireland	S-SW 2-10	Mod.	Dull showers locally.	Poor	Slight.

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

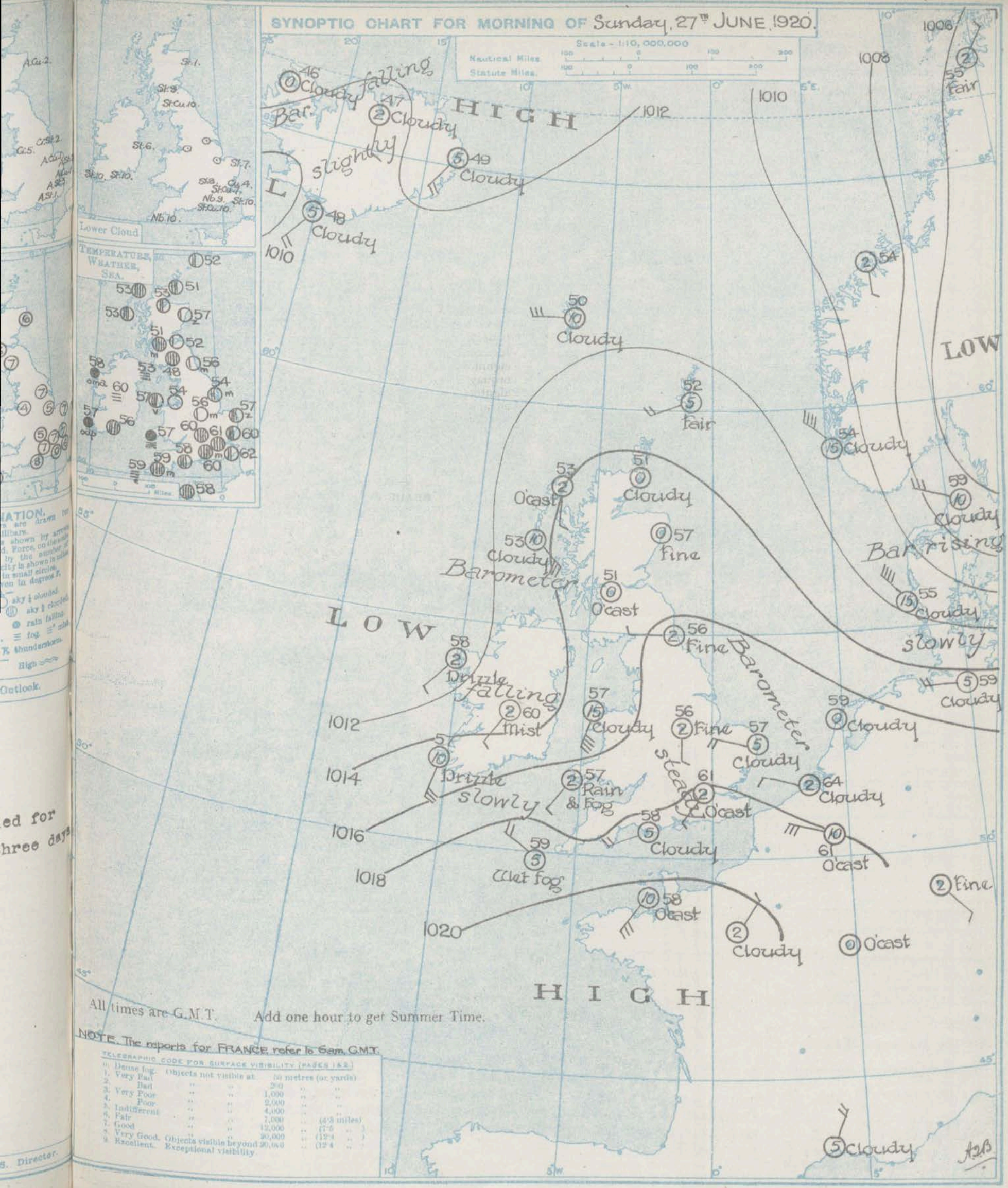
A depression spreading from Westward will cause winds to become more Southerly. Weather will be fine at first along the East coast but is likely to be generally unsettled during the next day or two with much cloud and rain at times.

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

Districts.	Forecasts for the 24 hours commencing 3 p.m. 15h GMT. Sunday, 27th June, 1920.	Further Outlook.
1. S.E. England	Wind South-West or West, light; cloudy to overcast, slight rain at times; visibility fair; mist locally; moderate temperature.	Unsettled for two or three days
2. E. England		
3. E. Midlands		
4. W. Midlands	Wind mainly South-west, light or moderate; dull, some rain, risk of thunder; mist or fog locally, visibility fair inland; moderate temperature.	
5. S.W. England		
6. South Wales		
7. North Wales		
8. N.W. England		
9. N. Midlands		
10. N.E. England	Light Southerly winds; fine early, dull later with some rain or drizzle; visibility fair to good; moderate temperature.	
11. E. Scotland		
12. S.W. Scotland	as for 4 - 9.	
13. Isle of Man		
14. N. & N.W. Scot- land	Wind South-East or South light, cloudy or overcast, perhaps slight rain; visibility mainly good; moderate temperature.	
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland	As for 4 - 9.	
19. S.E. Ireland		
20. S.W. Ireland		

SYNOPTIC CHART FOR MORNING OF Sunday, 27th JUNE, 1920.

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



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

NOTE. The reports for FRANCE refer to 6am G.M.T.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGES 1 & 2)

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 179

Sunday
27th June 1920

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 26 th																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sun- set.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sun- set.

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION. b blue sky (not more than a quarter covered). bc sky, partly cloudy (one half covered). c generally cloudy (three quarters covered). d drizzle, or fine rain. e wet air without rain falling. f fog. g gloom. h hail. i lightning. m mist. o overcast sky. p passing showers. q squalls. r rain. rs sleet, i.e., rain and snow together. s snow. t thunder. u ugly, threatening sky. v unusual visibility. w dew. x hoar frost. y dry air; humidity less than 60 per cent. z dust haze; the turbid atmosphere of dry weather. Capital letters indicate intensity, and repetition of letters continuity, thus:- R = heavy rain. rr = continuous moderate rain. r.r. = continuous light rain.	THE BEAUFORT SCALE OF WIND FORCE. Used only for surface observations.																																																							
	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Midd. on Grass. °F.	RAINFALL.		Sun. Hours.																																																									
	7h-12h	12h-18h	18h-24h	1h-7h				Day. 7h-12h.	Night. 18h-7h.																																																										
Renfrew...	c o c	c o	bcc,bbc	bcc 2f	61	41	31	mm.	mm.	5.2	<table><tr><th>No.</th><th>Limits of Velocity at about 30 feet above ground.</th><th>Statute miles per hour.</th><th>Metres per second.</th></tr><tr><td>0</td><td>Less than 1</td><td>Less than 0.3</td><td></td></tr><tr><td>1</td><td>1-3</td><td>0.3-1.5</td><td></td></tr><tr><td>2</td><td>4-7</td><td>1.5-5.5</td><td></td></tr><tr><td>3</td><td>8-12</td><td>5.4-5.4</td><td></td></tr><tr><td>4</td><td>13-18</td><td>5.5-7.9</td><td></td></tr><tr><td>5</td><td>19-24</td><td>8.0-10.7</td><td></td></tr><tr><td>6</td><td>25-31</td><td>10.8-13.3</td><td></td></tr><tr><td>7</td><td>32-38</td><td>13.9-17.1</td><td></td></tr><tr><td>8</td><td>39-46</td><td>17.2-20.7</td><td></td></tr><tr><td>9</td><td>47-54</td><td>20.8-24.4</td><td></td></tr><tr><td>10</td><td>55-63</td><td>24.5-28.4</td><td></td></tr><tr><td>11</td><td>64-75</td><td>28.5-33.5</td><td></td></tr><tr><td>12</td><td>Above 76</td><td>33.6 or above</td><td></td></tr></table>	No.	Limits of Velocity at about 30 feet above ground.	Statute miles per hour.	Metres per second.	0	Less than 1	Less than 0.3		1	1-3	0.3-1.5		2	4-7	1.5-5.5		3	8-12	5.4-5.4		4	13-18	5.5-7.9		5	19-24	8.0-10.7		6	25-31	10.8-13.3		7	32-38	13.9-17.1		8	39-46	17.2-20.7		9	47-54	20.8-24.4		10	55-63	24.5-28.4		11	64-75	28.5-33.5		12	Above 76	33.6 or above	
No.	Limits of Velocity at about 30 feet above ground.	Statute miles per hour.	Metres per second.																																																																
0	Less than 1	Less than 0.3																																																																	
1	1-3	0.3-1.5																																																																	
2	4-7	1.5-5.5																																																																	
3	8-12	5.4-5.4																																																																	
4	13-18	5.5-7.9																																																																	
5	19-24	8.0-10.7																																																																	
6	25-31	10.8-13.3																																																																	
7	32-38	13.9-17.1																																																																	
8	39-46	17.2-20.7																																																																	
9	47-54	20.8-24.4																																																																	
10	55-63	24.5-28.4																																																																	
11	64-75	28.5-33.5																																																																	
12	Above 76	33.6 or above																																																																	
Esksdalemuir...	bc c	bc c	bbc.b	bbc.co	61	34	26	-	-	6.3																																																									
Valencia (Cahirelveen)...	bc o	o c o c	o. o f	o f. pd	62	56	56	-	1	0.5																																																									
Baldonnel...	bc d	o r r	bcc. l f	c. l f	64	48	#	2	Trace	0.5																																																									
Didsbury...	o f g	o f g bc q	bbc. z	bbc. w	65	42	33	-	-	*																																																									
Falmouth...	c o	c o g f	o	o p d.	67	58	41	-	Trace	0.9																																																									
Calshot (Hants)...	o	o p	o. o f	o p	66	59	58	-	Trace	1.1																																																									
Lympne (Folkestone)...	c o c	o f c o	o. o f	o f. o	67	56	52	-	-	1.7																																																									
Aberdeen...	o f	p o f	r. l f	l f l f	60	49	46	-	1	0.8																																																									
Howden...	r	q v	w bcc	bcc w	69	50	30	1	-	*																																																									
Cranwell (Lincs)...	c j	c j o p	o c	bc bc b	67	46	x	Trace	-	1.9																																																									
Felixstowe...	g c	c g f o f																																																																	
Shoeburyness...	c o	r u	o g	bcc bcc	69	58	54	0.1	-	0.9																																																									
Benson...	bc o	bc c	bcc. bcc	bcc bcc	68	57	57	-	-	*																																																									
S. Farnborough...	o	o p	o f	o	69	56	46	0.3	-	0.0																																																									
London (Kew Obs.)...	o f	o f p d	p. u	o f	70	59	55	-	0.3	0.1																																																									
Croydon...	c o f	o f p d	p d o f	o f	66	57	*	0.1	-	*																																																									

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. OR Glass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.				
	Morning.	Afternoon.	Night.						15 h.	9 h.						
									G.M.T.	G.M.T.						
	24 HOURS ENDED WH G.M.T. 27 th								YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday. Total Joules. Milliwatts. Average Rate. Maximum Rate.	27 th & 28 th June 1920.				
												Stations.	Sunrise.	Noon.	Sunset.	
													G.M.T.	G.M.T.	G.M.T.	
Greenwich (Royal Observatory)	0	07.0	08.	71	59	57	-	0.2	71	73			Yarmouth...	3.33	11.56	8.18
City (Bunhill Row)	"	"	"	"	"	"	"	"	"	"				3.34	11.56	8.18
Westminster (St. James's Park)	"	"	"	"	"	"	"	"	"	"		Greenwich	3.46	12.3	8.19	
" (Admiralty Arch)	"	"	"	"	"	"	"	"	"	"			3.47	12.3	8.19	
Camden Sq. (British Rainfall)	06.0	06	"	70	59	58	0.1	"	69	75		Wick ...	3.9	12.45	9.10	
Kensington Palace	0	0	"	67	59	58	1	"	79 (18h)	80			3.9	12.45	9.10	
Hampstead Observatory ...	"	"	"	66	57	"	-	"	"	77		Valencia ...	4.24	12.44	9.3	
													4.25	12.44	9.3	

NOTES ON THE WEATHER OF YESTERDAY.									
<p>The day was generally cloudy or overcast, sunshine records being very poor except in the South of Scotland where 5 to 6 hours were enjoyed. Slight rain fell in many localities and thunder was reported at Wick and Blacksod Point. Temperature was about normal for the season, reaching 70° at a few stations in the South.</p>									



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.21403

MONDAY, 25TH JUNE.....1920.

TEMPERATURE.

Max. Min. F. F.

4 68

6 70

6 63

6 73

6 69

6 61

6 66

6 65

6 70

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

STATIONS.	BAROM.	Change	WIND.		TEMP.	Humidity.	Visibility	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea	BAROM.	Change	WIND.		TEMP.	Humidity.	Visibility	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea																							
	at M.S.L.	in 3 hours.	Force	Weather					Form.	Amt.	Form.	Amt.		at M.S.L.	in 3 hours.	Force	Weather					Form.	Amt.																										
	mb.		0-12.	°F.					%	0-9.	Feet.	0-10.		0-10.	0-9.	mb.						0-12.	°F.	%	0-9.		Feet.	0-10.	0-10.	0-9.																			
13H. G.M.T. 27 th																									18H. G.M.T. OF 27 th																								
Renfrew	1013.2	-2	SSE	1	og if	57	95	6	1250	St	10	-	-	1009.8	-3	-	0	d	60	85	6	2000	Nb	10	-	-	-																						
Eskdalemuir	1013.9	-3	SSW	3	o	58	75	6	2000	St	10	-	-	1010.3	-4	SW	2	o	57	85	4	2000	Nb	10	-	-	-																						
Valencia (Cahire n)	1014.1	-1	W	3	o	56	92	7	1250	St	5	A.St	5	2	1012.6	-2	WSW	3	o	57	85	8	1250	St	9	-	-	2																					
Baldonnell	1011.9	-5	SW	3	od.	61	92	6	1250	St	10	-	-	1010.3	-3	W	3	o	57	92	5	750	St	10	-	-	-																						
Didsbury	1014.6	-3	SSW	4	o	69	65	7	3000	Cu	7	A.Cu	2	2	1011.3	-5	S	4	o	64	85	6	1250	St	8	A.St	2	-																					
Falmouth	1016.8	-2	SW	4	o D	60	97	2	-	Nb	10	-	-	1014.4	-2	SW	5	o	60	98	3	-	Nb	10	-	-	-																						
Calshot (Hants)	1017.3	-1	SW	4	o	62	85	8	750	St	10	-	-	2	1018.6	-2	SW	4	o	59	85	7	750	St	10	-	-	3																					
Lymington (Folkestone)	1017.5	-1	SW	3	o	63	92	8	1250	St	10	-	-	1016.0	-4	SW	4	o	60	92	8	1250	St	10	A.Cu	2	-	-																					
Aberdeen	1014.0	-1	ESE	3	bc	60	85	8	-	St	4	-	-	?	1011.8	-2	S	2	bc	56	75	7	-	St	4	-	-	2																					
Howden	1015.1	-2	SSW	1	c	67	55	8	3000	Cu	5	Ci.St	3	1011.8	-4	SSE	3	c	65	65	6	5700	St	4	A.St	4	-	-																					
Cranwell (Lines)	1016.3	-2	SSW	3	c. if	69	55	7	4200	Cu	4	A.St	4	4	1013.7	-2	S	4	R	60	98	3	2,000	Nb	10	-	-	-																					
Felixstowe	1016.8	-2	SW	1	o	72	65	6	4200	St	9	-	-	1014.7	-3	SW	1	o	64	85	6	2,000	Cu	9	-	-	-																						
Shoeburyness	1016.1	-1	SW	2	o	66	98	4	-	St	10	-	-	1013.3	-2	SSW	2	o	62	92	5	-	St	10	-	-	-																						
Benson	1016.3	-2	SSW	3	od.	67	75	8	1250	Nb	9	A.St	1	1014.3	-2	SSW	4	od.	63	85	7	1250	Nb	10	-	-	-																						
S. Farnborough	1016.4	-3	SSW	3	o	68	75	8	3000	St	7	A.St	3	1014.2	-3	SW	1	o	65	85	8	3000	St	7	A.St	3	-	-																					
London (Kew Obs.)	1017.3	-1	SSW	2	od.	65	85	7	2000	St	7	A.St	3	1015.3	-3	SSW	3	o	63	92	8	2000	St	8	A.St	2	-	-																					
Croydon	1017.3	-1	SSW	2	od.	65	85	7	2000	St	7	A.St	3	1015.3	-3	SSW	3	o	63	92	8	2000	St	8	A.St	2	-	-																					
1H. G.M.T. OF 28 th																									7H. G.M.T. OF 28 th																								
Renfrew	1005.2	-5	-	0	or	55	97	2	-	Nb	10	-	-	1005.7	0	WSW	1	o	55	92	5	1250	St	9	-	-	-	-																					
Eskdalemuir	1011.6	-3	SW	2	o	53	-	-	-	-	-	-	-	1005.5	0	WSW	3	o	54	92	6	2000	St	10	-	-	-	-																					
Valencia (Cahire n)	1010.1	-1	SSW	3	bc	57	92	6	3000	St	2	A.St	3	1004.8	-8	S	5	or	58	97	5	4500	St	10	-	-	-	4																					
Baldonnell	1010.1	-1	SSW	3	bc	57	92	6	3000	St	2	A.St	3	1008.3	-2	S	3	c	57	75	7	4200	St	2	Ci.St	6	-	-																					
Didsbury	1013.7	-1	WSW	5	b	57	92	6	-	Cu	2	A.Cu	1	1009.1	0	WSW	5	c	57	85	6	750	St	4	Ci	4	-	-																					
Falmouth	1013.4	-1	SW	4	o	57	92	6	1250	Nb	10	-	-	3	1012.5	-1	W	1	o	57	97	2	-	Nb	10	-	-	-																					
Calshot (Hants)	1013.3	-4	SW	3	o	56	97	1	4500	St	10	-	-	1012.4	0	WSW	3	o	61	85	8	1250	St	10	-	-	-	2																					
Lymington (Folkestone)	1013.3	-4	SW	3	o	56	97	1	4500	St	10	-	-	1011.9	-2	SW	4	o	58	97	5	4500	Nb	10	-	-	-	-																					
Aberdeen	1006.5	-2	SW	3	or	59	97	5	2000	Nb	10	-	-	1006.5	-1	SE	1	or	53	97	4	-	Nb	10	-	-	-	2																					
Howden	1006.8	-2	SW	4	o	59	97	7	4200	St	7	Ci	2	1006.0	0	W	6	o	59	75	6	4200	St	2	Ci.St	1	-	-																					
Cranwell (Lines)	1006.8	-2	SW	4	o	59	97	7	4200	St	7	Ci	2	1004.2	+1	W	4	o	58	75	7	4200	Cu	1	A.St	1	-	-																					
Felixstowe	1006.8	-2	SW	4	o	59	97	7	4200	St	7	Ci	2	1010.3	+1	W	4	c. if	62	85	6	3000	St	7	Ci.St	1	-	1																					
Shoeburyness	1006.8	-2	SW	4	o	59	97	7	4200	St	7	Ci	2	1010.8	0	W	4	o	61	85	7	3000	St	6	A.Cu	2	-	-																					
Benson	1006.8	-2	SW	4	o	59	97	7	4200	St	7	Ci	2	1010.2	+2	WSW	2	o	60	85	5	-	Cu	9	-	-	-																						
S. Farnborough	1006.8	-2	SW	4	o	59	97	7	4200	St	7	Ci	2	1011.4	+1	W	3	o	60	85	7	2000	St	10	-	-	-	-																					
London	1011.4	?	-	-	-	-	-	-	-	-	-	-	-	1011.2	+1	WSW	3	o	61	85	8	2000	Cu	4	A.Cu	5	-	-																					
London (M.O. at 1H.)	1011.4	?	-	-	-	-	-	-	-	-	-	-	-	1012.0	+1	W	3	or	60	92	8	1750	Nb	8	A.Cu	1	-	-																					
Croydon	1012.9	-3	SSW	2	or	56	97	5	2000	Nb	10	-	-	1012.0	+1	W	3	or	60	92	8	1750	Nb	8	A.Cu	1	-	-																					

STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.

STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sun 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours
			Direc	Force 0-12.		at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Direc.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	
12H. G.M.T. of 27 th						7H. G.M.T. of 28 th						24 HOURS ENDED 7H. 28 th						27 th			
Lerwick	1012.3	55	W	1	C	1008.9	-5	53	+1	SE	3	SE	0	2	-	56	46	C		0	
Stornoway	1009.4	53	E	3	o	1008.1	-1	54	+1	W	1	-	0	1	8	58	51	O.C.O.	o	opo	1.3
Castlebay (Barras)	1008.0	54	ESE	2	rf	1004.2	-2	53	0	S	2	-	0	3	2	58	52	C.O.	arf	rfo	2.0
Malin Head																					
Blacksod Point	1009.4	58	NW	3	bc	1002.6	-5	55	-3	SSE	3	-	r	2	2	60	52	omd	omd	c	
Roche's Point	1012.6	57	W	2	o	1008.5	-4	55	-1	SE	3	-	rd	3	7	61	52	om	r.m.O.	bc. ofd	
Birr Castle	1010.6	56	W	1	r	1006.7	-	54	-6	SE	1	-	o	3	5	61	50	odr.	or	o	0.0
Donaghadee	1009.2	55	SSE	2	omv	1008.0	0	54	+1	SSW	1	-	c	1	20	58	47	ofr	ofr	or.c	
Liverpool (Bidston)	1009.9	61	SSW	2	+	1008.8	+1	55	+1	WSW	4	SW	bc	3	13	68	54	ofr	ofr	r. bc	2.9
Holyhead	1009.5	55	SSW	5	om	1008.9	0	56	-1	WSW	3	-	b	2	13	61	52	cor of	rf. ofr.	orpoq. b	0.0
Pembroke (St. Ann's Head)	1012.1	57	W	2	ofr	1011.4	-1	55	-2	S	3	S	c	2	16	58	55	ofr.m	ofr.m	ore. bc	0.0
Silly (St. Mary's)	1015.2	59	WSW	3	om	1012.2	-3	58	-1	WSW	3	-	fe	4	4	61	54	afe	je. om	efe	0.0
Jersey (St. Aubin)	1016.7	63	NW	3	b	1015.0	0	59	+1	SW	3	-	o	2	-	66	56	O.C.O.	O.C.O.	b. o	5.0
Portland Bill	1013.6	59	SW	5	o	1012.5	0	59	+1	WSW	4	-	bc	4	0.4	60	55	C.O.	o.	o. bc	
Dungeness	1013.4	60	SW	3	bc	1011.5	-2	58	-4	WSW	4	-	o	4	0.2	64	50	ed. c.	c.	bc. nd. o	
Wick	1010.2	52	SE	2	c	1004.3	-3	52	+1	S	2	-	omd	3	Trace	55	50	c. bc.	bc. c.	om. ofd	
Nairn	1008.2	57	-	0	c	1004.0	-	56	+3	-	0	-	om	0	6	61	52	bcq.	bcq.	cg	8.6
Leith	1009.8	59	E	1	o	1005.1	0	55	+3	W	1	-	om	1	14	62	51	b. bc. c	o	om. o	
Tynemouth	1011.1	56	S	4	om	1004.0	0	56	0	NW	4	-	om	2	8	61	52	bc.m	cm	om. omv	
Spurn Head	1012.7	58	SE	5	om	1007.4	0	60	+0	WNW	6	-	bc	6	6	64	52	cm.	bc. om	oreq.	
Yarmouth (St. Leon's)	1014.3	61	S	3	o	1009.2	-2	60	+3	WNW	4	-	bepv	3	8	68	57	cz. b.m.	bc. omv	om. omv	9.3
Clacton-on-Sea	1014.8	65	SSW	3	o	1010.2	0	62	+2	WSW	4	W	c	3	3	67	58	czg.	c. ofr.	og. ore	2.0
Nottingham	1012.2	62	SSE	1	ofr	1009.0	-	59	+3	WSW	3	W	bc	4	4	69	55	bc. c.	ofr	or	7.2

SUMMARY OF CONDITIONS AT 7 h.m.G.M.T. Monday, 28th June, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW-W 10-15	Normal	Dull, some drizzle, fog at (Beachy Hd)	Fair	Slight.
2. E. England	Wly 15	R. Warm	Cloudy, local showers.	Good	Mod.
3. E. Midlands	Wly 10-15	"	Dull.	Fair	-
4. W. Midlands	Wly 5-10	Normal	Cloudy or dull.	"	-
5. S.W. England	WSW 10-15	Normal	Dull, some rain & fog.	V. Poor	Mod.
6. South Wales	Sly 10	"	Cloudy.	Indiff.	Smooth.
7. North Wales	WSW 10-15	"	Fair to fine.	Fair	"
8. N.W. England	Wly 15-20	R. Cool	Fair to cloudy.	"	Slight.
9. N. Midlands	Wly 10-15	Normal	Cloudy.	"	-
10. N.E. England	W-NW 15-30	"	Fair to dull, misty.	"	Slight.
11. E. Scotland	Light var.	R. Cool	Dull & misty, some rain.	Poor	"
12. S.W. Scotland	Wly 10	Normal	Dull, some mist.	Indiff.	V. Smooth.
13. Isle of Man	Wly 2-10	"	Cloudy.	"	Smooth.
14. N. & N.W. Scotland	W-S 2-5	"	Dull, some drizzle.	Poor	"
15. Hebrides	W-S 2-5	"	Dull.	Indiff.	"
16. Orkneys and Shetlands	SE 10	"	Dull.	"	"
17. N.W. Ireland	Sly 5-10	"	Rain.	"	Slight.
18. N.E. Ireland	Sly 2-10	"	Cloudy.	"	V. Smooth.
19. S.E. Ireland	SE-S 10	R. Cool	Dull, some drizzle & fog.	Poor	Slight.
20. S.W. Ireland	SE-S 10-20	Normal	Rain.	Indiff.	Mod.

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

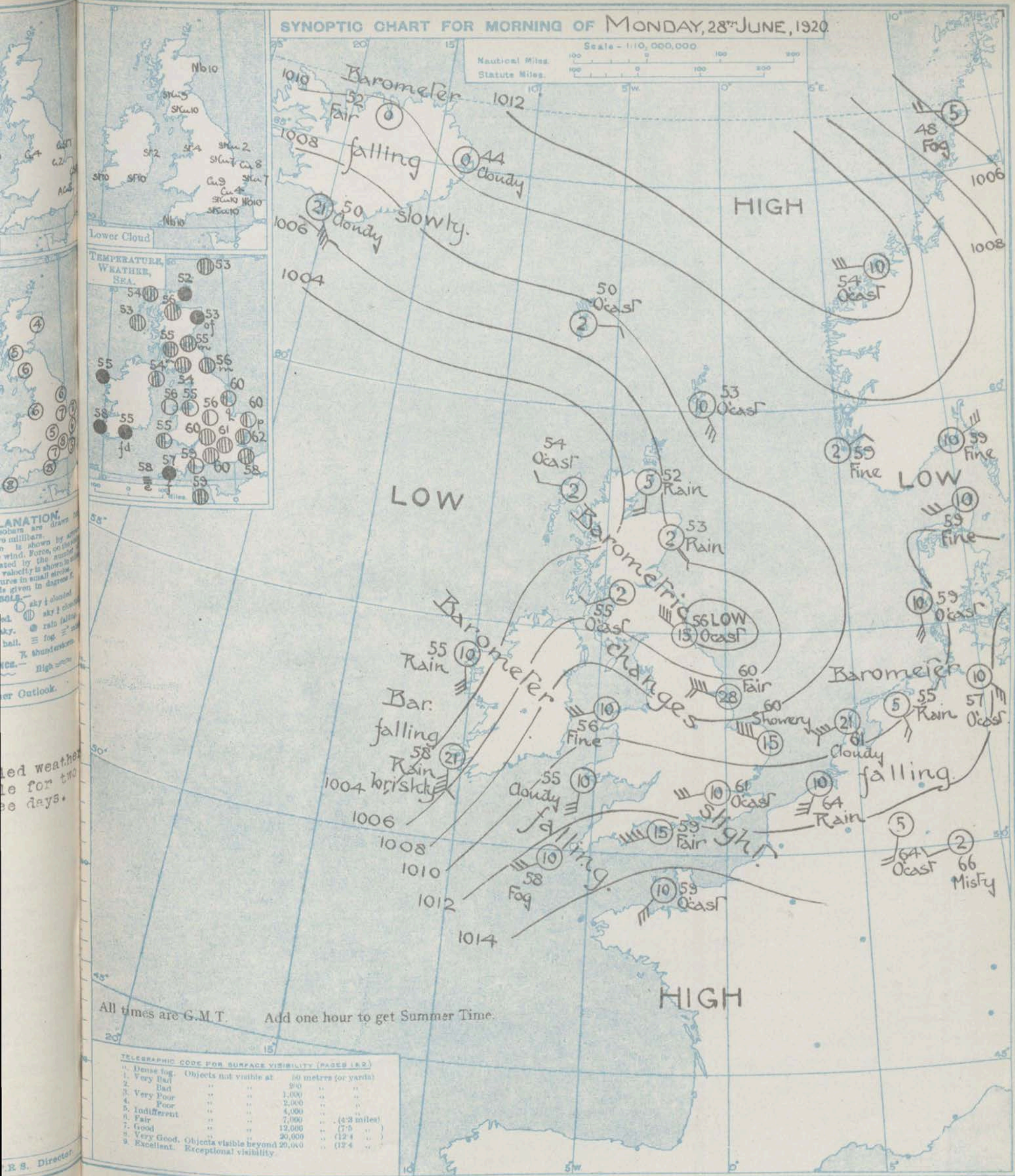
Another depression, apparently of considerable intensity, is spreading over Ireland. It will probably move East or North-East and cause further rain generally and an increase of wind in the West and South.

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

Districts.	Forecasts for the 24 hours commencing 3.15h. G.M.T. Monday, 28th June, 1920.	Further Outlook.
1. S.E. England	Wind S.W. and S., moderate to fresh, stronger in places; cloudy to dull, showery or rainy, some improvement later, visibility fair; no important change of temperature.	Unsettled weather probable for two or three days.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England	Wind S. to S.W. or W., moderate or fresh, strong & squally in places; rainy, then improving, some mist or fog on coast, visibility indifferent to fair; moderate temperature.	
6. South Wales		
7. North Wales		
8. N.W. England		
9. N. Midlands	Wind S. or S.W., light or moderate, then freshening; much cloud, some rain or showers, visibility indifferent to fair; moderate temperature.	
10. N.E. England		
11. E. Scotland		
12. S.W. Scotland		
13. Isle of Man	Wind S. and S.E., light or moderate; much cloud, some rain or showers, visibility indifferent to fair; moderate temp.	
14. N. & N.W. Scotland		
15. Hebrides		
16. Orkneys and Shetlands		
17. N.W. Ireland	Wind S. and S.W., veering to W. or N.W., fresh or strong, then moderating; dull, rainy, then improving, local fog on coast, visibility indifferent to good; moderate temperature.	
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		

SYNOPTIC CHART FOR MORNING OF MONDAY, 28th JUNE, 1920.

Scale - 1:110,000,000
Nautical Miles. Statute Miles.



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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 1 & 2)

	Objects not visible at	50 metres (or yards)
1. Dense fog.	"	900 "
2. Very Bad	"	1,000 "
3. Bad	"	2,000 "
4. Very Poor	"	3,000 "
5. Poor	"	4,000 "
6. Indifferent	"	7,000 "
7. Fair	"	12,000 "
8. Good	"	20,000 "
9. Very Good.	Objects visible beyond	20,000 "
10. Excellent.	Exceptional visibility.	"

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 190...

MONDAY

28th JUNE

WEATHER, TEMPERATURE RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 27 th																				
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.			STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 17h-21h.	Day, 9h-17h.	to 17h.	Sunrise to Sunset.				Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 17h-21h.	Day, 9h-17h.	to 17h.	Sunrise to Sunset.
						26-27	27	27	26								26-27	27	27	26
Scotland.	Oban									England, N.W.	Douglas (I.O.M.)									
	Banff	c. bc	b. bc	63	49	-	-	7.3	3.7		Blackpool	bc	o	69	45	-	-	5.7	4.6	
	Montrose										Southport	bc	c. o	69	45	-	-	5.3	3.2	
	St. Andrews																			
England, N.E.	Harrogate	b. bc. bo	o. bc. cv	67	44	-	-	7.3	4.9	Midlands.	Buxton									
	Scarborough	b	b	66	48	-	-	12.4	0.8		Leamington Spa	o	or	66	52	-	3	0.0		
	Skegness										Malvern									
England, E.	Lowestoft	c. bc	bc. c. of	70	54	-	-	7.4	?	Wales.	Ross-on-Wye	ogh. or	rom. hd.	64	55	2	2	0.0	0.2	
	Felixstowe	bc	og	66	57	-	-	3.9	0.2		Bath	odr	or	65	59	-	3	0.0	0.6	
	Southend-on-Sea	c. o	of. o.	73	58	-	1	1.9	0.8		Rhy	bc. c.	bc. ch.	68	44	-	-	3.5	0.6	
England, S.E.	Tunbridge Wells	o. c. o.	o	70	56	-	-	0.4	0.2	England, S.W.	Colwyn Bay	*	*	70	49	-	-	5.5	?	
	Margate	c	o	67	60	0.4	0.4	0.1	1.7		Llandudno	c.	c. or	69	48	-	1	2.5	1.8	
	Ramsgate	*	*								Aberystwyth									
	Folkestone	o	o	65	58	1	-	0.3	2.7		Swansea									
	Hastings	bc. m.	or. bc. o	66	58	*	1	1.4	0.8		Weymouth	o. c. o.	o	65	59	-	-	0.1	1.5	
	Eastbourne	o. c.	bc. c. o	66	59	-	-	3.3	1.1		Teignmouth		c	64	59	-	-	0.0	2.5	
	Brighton	sd. o.	c. o	65	59	-	1	1.7	?		Torquay	o		64	59	-	-	0.0	2.5	
	Worthing	r. o. c.	c. o	66	59	1	-	1.7	0.3		Paignton			64	59	0.2	0.1	0.0	0.2	
	Littlehampton										Penzance	odf	od	64	59	0.2	0.1	0.0	0.2	
	Portsmouth (Sthsea)	*	*	67	60	1	-	1.2	1.2		Newquay	om	om. pl	62	58	1	0.1	0.0	?	
	Bournemouth	*	*	63	58	3	-	0.0	0.2		Bude	r	r	62	56	3	2	0.0	0.0	
	Ventnor (I. of W.)	*	*	64	56	-	-	1.1	1.9		Ilfracombe	od	or	61	58	1	5	0.0	0.0	
												Weston-s-Mare	r	or	63	58	-	7	0.0	0.0

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.	
STATIONS.		WEATHER.				TEMPERATURE.		RAINFALL.		No.		Limits of Velocity at about 30 feet above ground.	
		7h-13h 27 th	13h-18h 27 th	18h-21h 27 th	1h-7h 28 th	Max. Temp. °F.	Min. Temp. °F.	Day, 7h-18h.	Night, 18h-7h.				
Renfrew		o. f. pd.	g. o. f.	o. f. R	o. f. r	62	53	53	Trace	b blue sky (not more than a quarter covered).		Used only for surface observations.	
Eskdalemuir ...		o. f.	c. + r.	rr. R	c. r	62	47	52	Trace	bc sky partly cloudy (one half covered).		Limits of Velocity at about 30 feet above ground.	
Valencia (Calatravea) ...		rr. d.	r. o. c.	o	o. f. r.	58	53	52	7	c generally cloudy (three quarters covered).		Statute miles per hour.	
Baldonnel ...		if. p.	r. o. o.	c. o. f.	c. o	65	48	-	5	d drizzle, or fine rain.		Metres per second.	
Didsbury ...		tl. r. h.	og.	o. R	og	69	41	49	-	e wet air without rain falling.		0 Less than 1	
Falmouth ...		o. f. e. PD	3. f. D. D.	cr.	b. bc. f. e.	63	54	50	3	f fog.		1 1-3	
Calshot (Hants) ...		og.	og.	o. f. p.	p. c. o.	66	57	57	-	g gloom.		2 4-7	
Lympne (Folkestone) ...		or. o. f.	c. o. f.	c. e. f.	p. d. b. o.	84	55	53	0.1	h hail.		3 8-12	
Aberdeen ...		?	b. bc. f.	if. o. f.	o. f. r.	61	53	50	-	i lightning.		4 13-18	
Howden ...		z. b. cc	z. c. o.	orr	c. o. g.	69	40	54	-	m mist.		5 19-24	
Cranwell (Lincs) ...		?	c. o. r. f.	rr. R	c. o	69	54	-	3	n passing showers.		6 25-31	
Felixstowe ...		...	...	...	...	68	59	-	-	p squalls.		7 32-39	
Shoeburyness ...		b. cc. o	r. c.	c. r	c. o.	73	57	56	1	q rain.		8 40-46	
Benson ...		r. o. bc. c.	b. bc.	rr	p. o	68	57	57	1	rs sleet, i.e., rain and snow together.		9 47-54	
S. Farnborough ...		o. p. d.	f. o. f.	d. d. r.	orr	69	57	54	Trace	s snow.		10 55-63	
London (Kew Obs.) ...		o. f. o. c.	orr	op	p. o	69	59	56	1	t thunder.		11 64-75	
Croydon ...		o. f. e. p. d.	if. d. h. o.	o. f. p.	o. f. p.	68	56	-	0.4	u ugly, threatening sky.		12 Above 75	

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).		TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.					
Morning.		Weather.	Night.	Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	Humidity %								
		Afternoon.							10 h. G.M.T.	9 h. G.M.T.							
24 HOURS ENDED 9H G.M.T. 28 th										YESTERDAY.		TO-DAY.		28 th & 29 th JUNE 1920.			
												Vertical Component of Solar Radiation per Square Centimetre during yesterday		Stations. Sunrise. Noon. Sunset			
														G.M.T. G.M.T. G.M.T.			
Greenwich (Royal Observatory)	o	o. bc.	o. c.	72	56	56	5	0.0	92	67							
City (Bunhill Row)	"	"	"	"	"	"	"	0.1	"	"							
Westminster (St. James's Park)	"	"	"	68	58	54	2	0.1	79	68			Yarmouth... { 3.24 11.56 8.18				
" (Admiralty Arch)	oz	oz. od	o. or. c.	70	58	"	2	0.0	94	75	Total.....881..... Joules.		Greenwich { 3.47 12.3 8.19				
Camden Sq. (British Rainfall)	"	"	"	72	58	57	2	"	"	66	Milliwatts.		Wick { 3.47 12.3 8.19				
Kensington Palace	o	op	"	69	58	58	2	"	(18h)	72	Average Rate. 14.8		Valencia ... { 3.9 12.15 8.20				
Hampstead Observatory	"	"	"	67	56	"	3	0.1	"	70	Maximum Rate. 73						

Photographic Record of

Pole Star (Polaris) and of 8 Ursae

Minoris at Greenwich Observatory.

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

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

NOTES ON THE WEATHER OF YESTERDAY.

Rain fell very generally, the quantity being large in many places; 22 mm at Eskdalemuir, 20 mm at Donaghadee, 16 mm at Pembroke, and about 14 mm at some other Western and Northern stations. Little bright sunshine was recorded except in the N.E. of England and Scotland; over a large area in the West and South the day was sunless. Temperature rose to about 70° in some parts of England, but failed to reach 60° in some Northern and Western parts of the Kingdom.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 21,404

Tuesday, 29th JUNE, 1920.

TEMPERATURE.	
Max.	Min.
82	66
79	72
88	63
86	72
84	68
86	61
88	73
81	68
84	70
90	61
84	72
93	68

Weather. Sea.

wards
on
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OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 12H.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
STATIONS.	BAROM.	Change in 3 hours.	WIND.		WEATHER.	TEMP.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea.	BAROM.	Change in 3 hours.	WIND.		WEATHER.	TEMP.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	at M.S.L. mb.		Dir.	Force 0-12.		°F.				Form.	Amt. 0-10.	Form.	Amt. 0-10.		°F.		Form.	Amt. 0-10.		Form.				Amt. 0-10.	°F.	Form.	Amt. 0-10.		Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	°F.	Form.

SUMMARY OF CONDITIONS AT 7 A.M. M.T. Tuesday, 29th June, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW-S. 10-20	Normal.	Dull, misty.	Fair.	Slight.
2. E. England	SW-S. 10-20	R. Warm.	Dull, misty.	Good.	"
3. E. Midlands	SW-S. 10-20	"	Dull.	Good.	-
4. W. Midlands	SW. 15-20	"	Dull.	Fair.	-
5. S.W. England	W-SW. 10-15	Normal.	Dull, rainy.	Good.	Rough.
6. South Wales	SW. 10-20	"	Dull.	Fair.	R. Rough
7. North Wales	SW-S. 10-20	"	Dull, squally, gloomy.	Fair.	"
8. N.W. England	S-SE. 5-10.	"	Dull, misty, rainy.	Poor.	Slight.
9. N. Midlands	S-SW. 5-10	R. Warm.	Dull.	Indif.	-
10. N.E. England	Var. 0-10.	"	Dull.	Indif.	Smooth.
11. E. Scotland	SW-S. 0-5	R. Cool.	Dull.	Fair.	"
12. S.W. Scotland	S. 10-20.	"	Dull.	Fair.	Slight.
13. Isle of Man	SW-SE. 10-15	Normal.	Dull.	Fair.	R. Rough
14. N. & N.W. Scotland	S-SE. 0-10	R. Cool.	Dull, misty.	Fair.	"
15. Hebrides	S-SE. 20-30	"	Dull.	Fair.	Rough.
16. Orkneys and Shetlands	S. 0-5	R. Warm.	Dull to fair, misty.	Fair.	Slight.
17. N.W. Ireland	SW-S. 10-20	Cool.	Dull, rainy, squally.	Fair.	R. Rough
18. N.E. Ireland	S-SE. 5-10	R. Cool.	Dull, rainy, squally.	Good.	"
19. S.E. Ireland	SW-SE. 20-30	"	Dull, rainy.	Good.	Rough.
20. S.W. Ireland	SW. 15-25	Cool.	Dull, rainy.	Fair.	"



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

Depressions moving Northward or North-North-Eastward outside our Western coasts and extending Eastward over the Kingdom will continue to cause slight rain or showers in many districts and some mist or fog on our Western and Southern coasts.

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

Districts.	Forecasts for the 24 hours commencing 3 p.m. 15h. G.M.T. Tuesday 29th June, 1920.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind South-West or South, moderate or light; stronger locally; much low cloud, some drizzle or showers; local mist or fog on coast; visibility indifferent to fair; little change of temperature; air humid.	Continuing unsettled with wind between South and South-West.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind South-Westerly, veering, moderate or fresh; cloudy or dull then variable cloud; some showers; local mist or fog on coast; visibility indifferent to fair; moderate temperature; air humid.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind South to South-West, light or moderate, fresh in places; much low cloud; some rain or showers, mist locally; visibility indifferent to fair; little change of temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind South-West, veering towards West; moderate or fresh; dull, some rain or showers, then improving temporarily; local mist or fog on coast; visibility mainly fair.	

All times
 Reports
 TELEGRAMS
 0. Dense
 1. Very
 2.
 3. Very
 4.
 5. Indif.
 6. Fair
 7. Good
 8. Very
 9. Excel

Statute Mills.

10/1

R

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (RADS 1 & 2)

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 181.

Tuesday
29th June

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 28 th																				
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 27 th -28 th	Day. 9h-17h. 28 th	to 17h. 28 th	Sunrise to Sun- set. 27 th			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 27 th -28 th	Day. 9h-17h. 28 th	to 17h. 28 th	Sunrise to Sun- set. 27 th	
Scotland.	Oban ...	or	o	57	40	17	3	0.0	?	England, N.W.	Douglas (I.O.M.)	-	-	58	50	16	6	2.9	?	
	Banff ...	oc	o	64	52	1	-	2.5	8.6		Blackpool ...	-	-	62	55	14	1	3.1	5.7	
	Montrose ...	o	or	59	52	6	2.4	0.0	?		Southport ...	bcco	oco	64	55	11	0.1	4.2	5.3	
	St. Andrews ...	op	op	62	52	3	1	0.3	?											
England, N.E.	Harrogate ...	b.b.c.b	b.b.c.c.o	66	53	13	-	7.3	7.3	Midlands.	Buxton ...	r.c.b.b	b.c.c	65	51	14	-	5.9	?	
	Scarborough ...	bc	bc	73	46	12	-	7.8	12.4		Leamington Spa...	b.c.c.b	c.b.o	70	54	7	-	9.7	0.0	
	Skegness ...	c.o.b.e	c.b.e	71	57	14	-	9.5	?		Malvern ...	bc	c.o	68	53	7	-	5.9	0.0	
England, E.	Lowestoft ...	bc	bc	74	57	5	-	10.6	7.4	Wales.	Ross-on-Wye ...	c.o.b.c.o	c.o	69	53	5	-	3.7	0.0	
	Felixstowe ...	bc	bc	75	59	-	-	10.7	3.9		Bath ...	o.c.b.c.b	o	68	57	11	-	2.1	0.0	
	Southend-on-Sea...	r.o.c.b.c	b.c.c.o	75	56	3	-	7.6	2.7		Rhyl ...	bc	c	64	54	8	-	5.9	3.5	
England, S.E.	Tunbridge Wells	o.c.c	b.c.c.o	71	55	2	-	4.4	0.4	England, S.W.	Colwyn Bay ...	-	-	65	54	10	-	5.0	5.5	
	Margate ...	b.c.c.b.c	bc	74	57	3	-	7.5	0.1		Llandudno ...	o	o	64	55	11	-	4.5	2.5	
	Ramsgate ...	-	-	72	56	2	-	7.2	?		Aberystwyth ...	r.c.c	c.o	63	55	10	1	3.5	?	
	Folkestone ...	oc	bc	65	57	4	-	0.3	0.3		Swansea ...	-	-	64	?	15	1	3.7	?	
	Hastings ...	or.b.c	b.b.c.o	66	57	1	-	5.6	1.4		Weymouth ...	c.o.c.c	c.b.c.c	67	58	3	0.2	3.1	0.1	
	Eastbourne ...	o.c.b.e	b.c.c.o	66	57	2	-	5.4	3.3		Teignmouth ...	o.c.b.c	o	69	56	2	-	3.2	?	
	Brighton ...	c.b.c	b.c.c.o	66	57	2	-	5.5	1.7		Torquay ...	od	b.c.o	67	56	2	0.1	1.9	0.0	
	Worthing ...	b.b.c	b.c.o	67	58	3	-	5.0	1.7		Paignton ...	od	c.o	68	55	2	-	1.8	?	
	Littlehampton ...	oc	b.c.o.m	64	52	2	-	4.8	?		Penzance ...	ord	c.o	65	55	7	0.3	0.5	0.0	
	Portsmouth (S. thea)	b	bc	68	57	1	-	6.3	1.2		Newquay ...	om	om.p.d.	64	55	9	-	0.0	0.0	
	Bournemouth ...	-	-	66	57	1	-	2.5	0.0		Bude ...	c.o.c.o	o	62	55	10	-	0.7	0.0	
	Ventnor (I. of W.)	-	-	63	54	1	-	1.5	1.1		Ilfracombe ...	c.b.c.o.d	o	64	56	13	0.2	2.6	0.0	
												Weston-s-Mare ...	b.c.c.b.c	b.c.p.c	67	57	11	-	2.5	0.0
												Tenby (Wales)	b.c.c.o	om	61	54	3	1	1.1	?

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. Useful only for surface observations. Limits of Velocity at about 30 feet above ground. No. Statute miles per hour. Metres per second.		
		WEATHER.				Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	RAINFALL.		Sun. Hours.						
		7h-13h	13h-18h	18h-24h	1h-7h				Day, 7h-13h	Night, 13h-7h							
Renfrew...	c ⊕ u	dd.r	-bc c o	o s f u	59	48	42	1	-	0.4							
Eskdalemuir ...	c.o	pd o s f	c o b bc	b bc c o	57	39	30	3	0.5	0.1							
Valencia (Cahireveen) ...	r.c.o.s.f.o.c	b.c.c.b.c	b.c.c.p.o	-s.c.c.p	60	52	49	1	2	5.4							
Baldonnel ...	q.r	o.q	b.c.c	c.o.q	66	45	*	4	Trace	5.1							
Didsbury ...	c.o.g	o	o.r.r	o.d.d	?	?	*	Trace	1	*							
Falmouth ...	dd.s.c.o	o.s.f.o.s.f	dd.o.s.f.c	3.f.e.r	64	56	56	1	3	0.3							
Calshot (Hants) ...	o.c.b.c.o	o.s.f.c.o.s.f	o.s.f.	o.s.f.p.o	65	58	58	-	-	4.9							
Lympe (Folkestone) ...	c.o.s.f.s.d	o.c.r	c.o.s.f	b.c.c.s.f.c	67	57	57	-	-	7.4							
Aberdeen ...	r.c.s.f.c	z.f.p.	o.s.f.f.o	3.f.c.o.s.f	60	51	42	0.3	-	2.7							
Howden ...	q.z	z.o	c.o.o	p.c.o	69	55	58	-	13	*							
Cranwell (Lincs) ...	b.c.b.c	c	c.o	c.o	70	58	*	-	-	7.4							
Felixstowe ...	b.c.b.c	b.c.b.c	b.c.c.c	c.u	74	62	*	*	*	*							
Shoeburyness ...	c.o.b.c	b.c.b.c	c.o.o	c.o	71	61	59	-	-	7.6							
Benson ...	b.c	b.c	?	o	71	57	59	-	-	*							
S. Farnborough ...	o.c.c.c	o.c.o	pd.o	o.s.f.p.d.	73	58	57	-	-	1.9							
London (Kew Obs.) ...	o.c	c.o.o	o	70	71	61	57	-	0.2	2.2							
Croydon ...	o.p.c.o.c.o	c.o.c	o.s.f	o.s.f	72	59	*	-	0.1	*							

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. mm.		Sunshine to Sunset. Hours.		Humidity %.									
		Afternoon.		Night.								15h. G.M.T.		P.M. G.M.T.									
24 HOURS ENDED 29 th JUNE 1920.										YESTERDAY.		TO-DAY.		29 th & 30 th June 1920.									
														Stations.									
														Sunrise.									
														Noon.									
														Sunset.									
														G.M.T. G.M.T. G.M.T.									
Greenwich (Royal Observatory)										000	r		74	60	57	-	4.5	59	77	Yarmouth...			
City (Bunhill Row)										"	"	"	"	"	"	-	4.5	"	"	Greenwich			
Westminster (St. James's Park)										b.c.u	b.c.o.r	u	73	60	56	.01	3.5	58	78	Wick			
" (Admiralty Arch)										0303 9	b.c.g. 909	c3 0	73	60	58	Trace	3.3	69	84	Valencia ...			
Camden Sq. (British Rainfall)										0 c	c 09 0	"	74	60	58	-	"	59	78				
Kensington Palace										0	0	"	73	60	59	.2	"	73 (18h)	82				
Hampstead Observatory										c	op 0	"	71	58	5	Trace	3.4	"	88				

Photographic Record of Pole Star (Polaris) and of δ Ursae Minoris at Greenwich Observatory.										NOTES ON THE WEATHER OF YESTERDAY.									
Stars.		Duration of Exposure.		Duration of Record.						Temperature rose to 70° or a little higher at many places in the Eastern and Southern districts of England but remained below 60° at some stations in Wales, Ireland and Scotland. Rain fell in nearly all parts of the Kingdom, but the quantity was slight except at Blacksod Point (16 mm) and Howden (13 mm). Bright sunshine records were low or moderate except in the East and North-East of England. At a few places in the South-West, West, and North the day was sunless.									
Polaris		h. m.		h. m.															
δ Ursae Minoris		5 0		N/L															

* Information for these columns not usually received.



AIR MINISTRY.

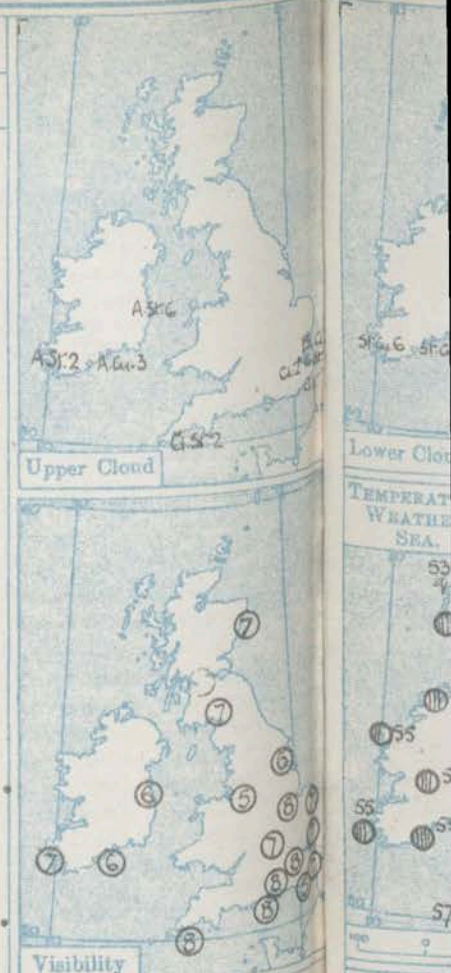
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:
BRITISH SECTION. No. B. 26,405 Wednesday 30th June 1920.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 12H AND 18H.																																
STATIONS.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.	BAROM. at M.S.L. mb.	Change in 3 hours.	WIND.		Weather.	TEMP. °F.	Humidity. %	Visibility. 0-9.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.				
			Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Dir.	Force 0-12.						Form.	Amt. 0-10.	Form.	Amt. 0-10.					
13H. G.M.T. 29th.																																
Renfrew	998.8	-2	SSW	5	oq	56	85	4	1250	Nb	10	-	-	*	999.4	+1	SW	5	c	59	55	8	3000	StCu	6	FrCu	2	*				
Esksdalemuir	1002.1	-2	SSW	7	oq	52	92	3	1250	Nb	10	-	-	*	1001.7	0	SSW	6	c	54	75	7	-	cu	6	-	-	*				
Valencia (Cahire'n)	1003.5	0	SW	6	c	57	65	8	3,000	cu	5	asc	3	5	1004.2	0	SW	6	oif	58	75	7	2000	StCu	10	-	-	5				
Baldonnel	1002.3	+2	WSW	6	bcg	61	55	8	4,200	FrCu	6	-	-	*	1003.0	0	SW	5	bcg	56	75	8	3,000	StCu	5	asc	2	*				
Didsbury	1006.1	-1	WSW	6	c	67	85	8	5,700	StCu	4	cu	4	*	1007.1	+2	SW	5	oq	60	55	8	4,200	StCu	4	cu	5	*				
Falmouth	1011.9	+1	SW	5	c	64	65	7	-	cu	7	-	-	*	1011.6	-1	SW	5	c	60	75	5	-	cu	7	-	-	*				
Calshot (Hants)	1012.7	0	SW	5	oq	61	97	5	750	StCu	10	-	-	*	1012.4	0	SW	4	bc	61	85	8	2,000	FrCu	4	-	-	3				
Lympne (Folkestone)	1013.2	-1	WSW	5	bc	68	75	8	1,250	StCu	3	cu	3	*	1011.4	-2	WSW	5	bc	65	75	9	2,000	StCu	3	cu	2	*				
18H. G.M.T. OF 29th.																																
Aberdeen	1000.0	-3	SSE	4	oif	54	65	6	-	cu	2	asc	8	2	998.2	-2	S	4	oif	58	65	6	-	cu	2	-	-	3				
Howden	1005.3	0	SSW	6	bcg	70	65	7	3,000	StCu	6	-	-	*	1006.7	+2	SW	6	oif	60	75	8	2,000	Nb	8	Ast	1	*				
Cranwell (Lincs)	1008.4	0	SSW	6	c	67	75	8	2,000	StCu	7	-	-	*	1008.5	+1	SW	4	b	64	55	8	3,000	StCu	2	Ast	1	*				
Felixstowe	1012.5	-2	SW	5	bcg	71	65	7	3,000	FrCu	1	cu	3	*	1011.5	-1	SW	5	bc	69	75	8	3,000	StCu	3	cu	1	*				
Shoeburyness	1012.1	-1	SW	4	bc	73	65	8	3,000	cu	3	cu	2	*	1011.5	-1	SW	4	bc	67	75	8	3,000	cu	3	cu	1	*				
Benson	1009.8	-1	SSW	4	o	65	85	7	-	cu	9	-	-	*	1010.2	0	SW	4	b	67	65	7	-	-	-	-	-	*				
S. Farnborough	1011.3	0	SW	5	o	66	75	8	1,250	Nb	10	-	-	*	1011.1	0	SW	4	oif	66	65	7	2,000	FrCu	2	-	-	*				
London (Kew Obs.)	1011.8	-1	SSW	4	o	67	75	8	2,000	StCu	8	asc	2	*	1010.9	-1	SSW	4	oif	71	55	8	3,000	cu	2	asc	1	*				
Croydon	1012.1	-1	SSW	5	o	67	75	8	3,000	StCu	9	-	-	*	1011.6	-2	SSW	5	bc	66	65	8	2,000	StCu	3	cu	2	*				
1H. G.M.T. OF 30th.																																
Renfrew	1001.9	0	SSW	5	oq	51	85	6	1250	Nb	8	Asc	2	*	1003.7	+2	SW	5	o	51	85	7	3000	StCu	9	-	-	*				
Esksdalemuir	1006.3	+2	SW	3	bcg	53	-	-	-	-	-	-	-	6	1009.3	+3	WSW	4	c	58	85	7	3000	StCu	6	Asc	2	4				
Valencia (Cahire'n)	1006.4	+1	SSW	6	cq	51	75	6	4,200	StCu	9	-	-	*	1006.9	+3	SSW	1	o	53	85	6	2000	StCu	3	Asc	6	*				
Didsbury	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.4	+1	SSW	4	oq	54	75	5	3000	StCu	10	-	-	*				
Falmouth	1013.0	0	SW	3	o	54	85	7	-	cu	9	-	-	*	1013.9	+2	SW	3	bc	58	85	8	-	cu	3	Asc	2	*				
Calshot (Hants)	1013.1	0	SW	4	o	53	85	7	2000	StCu	10	-	-	4	1014.5	+2	WSW	4	bc	60	75	8	2000	StCu	5	-	-	3				
Lympne (Folkestone)	1013.4	+1	WSW	4	bw	53	97	8	-	-	-	-	-	*	1014.6	+1	WSW	5	oif	59	85	7	1250	StCu	4	-	-	*				
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*	999.4	+2	SW	4	bc	56	65	7	-	StCu	4	-	-	3				
Howden	1007.6	0	SSW	3	bc	52	85	7	3000	StCu	4	Asc	1	*	1008.3	+2	SSW	4	cq	57	85	6	3000	StCu	7	-	-	*				
Cranwell (Lincs)	1010.0	+1	SSW	3	bc	54	85	7	4,200	StCu	4	cu	1	*	1011.7	+2	SW	5	b	57	75	9	3000	FrCu	1	-	-	*				
Felixstowe	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.7	+2	WSW	5	cq	60	75	7	3000	FrCu	1	FrCu	7	3				
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.8	+2	SW	4	bc	60	75	7	3000	cu	1	Asc	5	*				
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.1	+3	SW	3	b	58	75	7	-	cu	1	-	-	*				
S. Farnborough	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.6	+2	SSW	4	b	59	75	8	2000	FrCu	2	-	-	*				
London (Kew Obs.)	1012.5	0	*	*	*	58	*	*	*	*	*	*	*	*	1014.0	+3	SW	3	bw	60	75	9	2000	cu	1	cu	2	*				
Croydon	1013.1	-1	SW	4	b	55	92	7	-	-	-	-	-	*	1014.1	+3	WSW	4	bc	58	75	7	2000	StCu	2	Asc	2	*				
STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.																																
STATIONS.	BAROM. at M.S.L. mb.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dir. of Upper Cloud.	Weather.	Sea.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.											
			Dir.	Force 0-12.		at M.S.L. mb.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.												
12H. G.M.T. OF 29th.																						7H. G.M.T. OF 30th.		24 HOURS ENDED 7H. 30th.							28th.	
Lerwick	998.6	54	SSE	4	cu	99.52	0	53	-1	S	4	-	bcu	2	-	56	49	cu	cu	bcu	*											
Stornoway	991.3	49	S	5	op	99.37	+5	53	+1	SW	6	-	bcu	5	8	55	49	cu	cu	bcu	2.0											
Castlebay (Barra)	990.2	52	SSW	5	op	99.78	+4	53	+1	WSW	4	-	o	5	6	54	49	cu	cu	bcu	3.3											
Malin Head	992.6	54	SSW	5	cu	99.96	+2	54	+5	SSW	5	-	cq	5	2	60	47	bc	bcu	cq	3.9											
Blacksod Point	994.8	57	SW	6	omp	100.40	+4	55	+4	SW	2	-	bc	2	8	64	49	bc	bcu	omp	*											
Roche's Point	1006.2	50	SW	5	c	100.98	+3	55	+1	SW	4	-	o	4	1	59	52	p.c.c.	bc	bcu	*											
Birr Castle	1002.3	57	SW	3	o	100.69	-	54	-1	SW	1	-	c	*	2	60	50	cpc	bc	op	3.9											
Donaghadee	1000.8	59	W	4	bcg	100.52	+3	53	+1	W	4	-	bcu	2	4	62	49	omp	bcu	omp	*											
Liverpool (Bidston)	1004.9	59	SW	6	b	100.80	+1	55	-1	SW	3	-	bc	3	-	64	51	oq	bcu	bc	5.5											
Holyhead	1004.8	57	SSW	7	bq	100.81	+2	55	-1	SW	5	-	bcu	4	trace	60	53	c.c.p.c.	bcu	bcu	7.0											
Pembroke (St. Ann's Head)	1008.7	58	SW	5	bcu	101.09	+1	56	0	WSW	5	SW	cq	5	1	59	53	cq	bcu	cq	7.4											
Silly (St. Mary's)	1011.6	59	WSW	3	c	101.41	+1	57	+1	W	3	W	bc	5	2	63	54	c.bc	bcu	bc	10.2											
Jersey (St. Aubin)	1014.7	63	W	4	bc	101.69	+1	60	-2	SW	3	SW	bc	3	0.1	69	57	c.c.o	bcu	bcu	3.7											
Portland Bill	1013.0	60	WSW	5	bc	101.36	+2	59	-1	WSW	5	-	bc	4	0.4	62	55	c.bc	bcu	bcu	*											
Dungeness	1012.4	64	SW	3	b	101.42	+1	60	+2	WSW	4	W	bc	4	-	67	49	omp	bcu	bcu	*											
Wick	995.8	56	SSW	2	bc	99.48	+3	53	+1	SW	3	-	bcu	3	1	56	50	omp	bcu	bcu	*											
Nairn	994.7	60	WSW	3	bc	99.62	-	56	+5	W	4	-	q.bcu	3	1	66	47	oq	bcu	bcu	*											
Leith	99																															

SUMMARY OF CONDITIONS AT 7 A.M.

h.G.M.T. Wednesday, 30th June, 1920.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW.W. 10-20	Normal.	Fine to dull, mist on coast.	Good.	Mod.
2. E. England	WSW. 15-20	"	Fair to cloudy, squally.	"	Slight
3. E. Midlands	SWly. 10-15	"	Fine to fair.	"	-
4. W. Midlands	WSW. 10-15	"	Fine to fair.	"	-
5. S.W. England	WSWly. 10-20	"	Fair.	V.Good.	Mod.
6. South Wales	WSW. 20	"	Cloudy, squally.	Fair.	R.Rough
7. North Wales	SW. 20	R.Cool.	Fair, squally.	"	Mod.
8. N.W. England	SW. 10-20	"	Fair to dull, local drizzle.	Indiff.	Slight.
9. N. Midlands	SWly. 10-15	"	Fine to dull.	"	-
10. N.E. England	SWly. 15-20	Normal.	Cloudy, squally.	Fair.	Slight
11. E. Scotland	SWly. 15	"	Fair to cloudy.	Good.	"
12. S.W. Scotland	SWly. 15-20	R.Cool.	Dull.	"	Mod.
13. Isle of Man	WSWly. 15-20	"	Fair.	Fair.	Slight.
14. N. & N.W. Scotland	SW.W. 10-15	Normal.	Fair, squally.	"	Mod.
15. Hebrides	SWly. 15-30	"	Dull to fair, squally.	"	R.Rough.
16. Orkneys and Shetlands	S. 15.	"	Fair.	"	Smooth.
17. N.W. Ireland	SWly. 5-15	"	Fair.	"	"
18. N.E. Ireland	SSW.W. 15-20	"	Fair to cloudy, squally.	"	R.Rough.
19. S.E. Ireland	SWly. 10-15	R.Cool.	Dull.	"	Mod.
20. S.W. Ireland	WSW. 15	"	Cloudy.	Good.	"



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

The depression of yesterday is moving away beyond the North of Scotland and the barometer is rising over the British Isles. Generally fair weather seems probable during the ensuing 24 hours in most districts, but some local showers may be expected in the North and North-West, and in the West of Ireland.

EXPLANATION.
BAROMETER.—Isobars are drawn at intervals of two millibars.
WIND.—Direction is shown by arrow flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.
TEMPERATURE.—Temperature is given in degrees F.
WEATHER SYMBOLS.
 ○ 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. Wednesday, 30th June, 1920.
1. S.E. England	Wind between South-West and West, moderate to light, mainly fair, cloudy at times; visibility good; temperature inclined to fall a little.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	Wind South-Westerly, veering somewhat, moderate, decreasing later; variable sky, some local showers, mainly in the Western regions; visibility good; temperature about normal or rather below it.
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Further Outlook.

Withheld.

SYNOPTIC CHART FOR MORNING OF Wednesday, June 30th 1920.

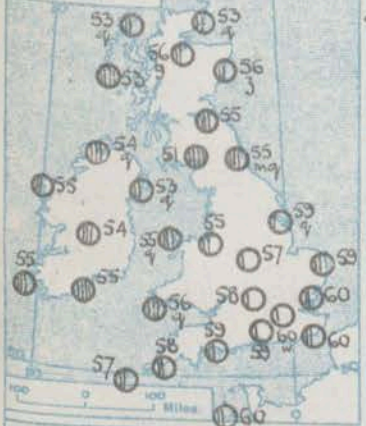
Scale - 1:10,000,000

Nautical Miles
Statute Miles

5W 0° 5E

Lower Cloud

TEMPERATURE BY WEATHER, SEA.



ANATION.
obars are drawn in
millibars.
is shown by arrow
wind. Force, on the
ted by the number
velocity is shown in
row in small circle.
given in degrees F.
015
sky + cloud
sky + cloud
rain falling
fog
thunder
High
er Outlook.

eld.

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

TELEGRAPHIC CODE FOR SURFACE VISIBILITY (PAGE 182)

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

R. S. Director.

U.K.D.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1920. No. 182

Wednesday
30th June 1920

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 29th																				
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		
		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-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.	Oban ...	c.o.p.c.	o.p.c.o.	58	47	1	4	3.3	0.6	England, N.W.	Douglas (I.O.M.)	+	+	59	48	-	-	4.6	?	
	Banff ...	o	o.g.c.	62	48	-	-	1.8	3.0		Blackpool ...	c.p.	c.p.	62	53	2	0.3	1.8	3.1	
	Montrose ...	o	b.b.c.	63	46	-	-	1.7	0.0		Southport ...	c.b.c.c.	c.o.p.b.c.	64	52	2	0.2	3.8	4.2	
	St. Andrews ...	c	o.r.	65	47	-	1	4.7	0.3											
	England, N.E.	Harrogate ...	o.b.b.c.	b.c.c.o.	66	48	2	-	3.7	7.5	Midlands.	Buxton ...	p.p.c.b.	b.b.c.c.	64	51	1	1	4.1	5.9
Scarborough ...		b.c.	b.c.	72	54	0.3	-	3.9	7.8	Leamington Spa ...		o.c.b.p.	c	69	60	-	0.1	4.4	9.7	
Skegness ...		o	o.c.b.c.o.	71	60	-	-	4.0	9.5	Malvern ...		d.c.b.c.	b.c.c.	68	59	0.1	0.1	5.3	5.9	
Lowestoft ...		b.c.	b.c.	72	?	-	-	11.0	11.9	Ross-on-Wye ...		p.d.c.c.	c.y.b.c.	68	59	0.1	-	5.2	3.7	
England, E.	Felixstowe ...	o	b.c.	73	62	-	-	6.5	11.6	Wales.	Bath ...	o.p.c.b.c.	b.b.c.c.o.	69	60	-	1	4.1	2.1	
	Southend-on-Sea...	o.c.b.c.	b.c.	73	59	-	-	5.0	7.6		Rhyl ...	c.p.b.c.	c.b.c.	63	51	1	-	4.2	6.0	
England, S.E.	Tunbridge Wells	o.c.	b.o.c.	68	57	-	-	0.8	4.5	Wales.	Colwyn Bay ...	*	*	63	53	-	-	2.5	5.0	
	Margate ...	c.b.c.	b	75	59	-	-	7.6	9.9		Llandudno ...	c.	b.c.	63	49	-	-	4.4	4.5	
	Ramsgate ...	*	*	73	57	-	-	6.7	9.2		Aberystwyth ...	c.b.c.	p.c.b.	61	55	1	1	4.5	3.5	
	Folkestone ...	o.p.c.b.c.	b.c.b.v.	70	57	-	-	5.0	0.6		Swansea ...	*	*	64	58	11	1	5.5	3.7	
	Hastings ...	o.b.c.	b.	69	57	-	-	6.3	5.6		Weymouth ...	o.c.c.	b.c.b.	67	58	-	-	5.0	3.6	
	England, S.W.	Eastbourne...	o.c.b.c.	b.c.	68	57	-	-	7.2	5.4	England, S.W.	Teignmouth ...	o.d.c.b.c.	b.c.	69	60	-	?	7.5	3.2
		Brighton ...	o	c.o.	65	58	-	-	1.2	5.5		Torquay ...	o.c.d.b.c.	b.c.	66	59	0.2	0.1	7.8	1.9
		Worthing ...	o	b.c.c.o.	67	58	-	-	0.7	5.3		Paignton ...	c.d.p.	b.c.	67	58	0.3	-	6.6	1.8
		Littlehampton ...	o.c.	b.c.o.	66	57	0.3	-	0.8	4.8		Penzance ...	b.c.c.	c.b.c.	65	57	4	-	9.0	0.5
		Portsmouth (S'ihsea)	+	+	66	58	-	-	1.3	6.5		Newquay ...	p	c.p.b.c.p.	65	57	3	3	7.0	0.0
		Bournemouth ...	*	*	66	58	-	-	3.5	2.5		Bude ...	o.b.c.	b.c.c.	64	55	2	-	8.1	0.7
		Bournemouth ...	*	*	66	58	-	-	3.5	2.5		Ilfracombe ...	o.c.b.c.	b.c.c.b.c.	64	58	5	-	6.7	?
		Ventnor (I. of W.)	*	*	63	56	-	-	1.1	1.5		Weston-s-Mare ...	p.b.c.	b.c.c.	68	60	0.3	1	4.0	2.5
												Tenby (S.Wales)	b.b.c.	b.c.p.	63	56	1	0.3	6.3	?

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION. b blue sky (not more than a quarter covered). bc sky partly cloudy (one half covered). c generally cloudy (three quarters covered). d drizzle, or fine rain. e wet air without rain falling. f fog. g gloom. h hail. i lightning. m mist. o overcast sky. p passing showers. q squalls. r rain. rs sleet, i.e., rain and snow together. s snow. t thunder. u ugly, threatening sky. v unusual visibility. w dew. x hoar frost. y dry air; humidity less than 60 per cent. z dust haze; the turbid atmosphere of dry weather.	THE BEAUFORT SCALE OF WIND FORCE. Used only for surface observations.		
	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	RAINFALL.		Sun. Hours.		Limits of Velocity at about 30 feet above ground.		
	7h-13h.	13h-18h.	18h-24h.	1h-7h.	Day. 7h-13h.	Night. 18h-7h.	mm.	mm.	mm.					
													No.	Statute miles per hour.	Metres per second.
Renfrew	c.a.g.r.	g.f.p.			57	49	46	4	0.1	5.1		0	Less than 1	Less than 0.3
Eskdalemuir	c.p.p.	o.b.f.r.	b.c.c.o.f.	r.c	59	52	50	-	1	5.6		1	1-3	0.3-1.5
Valencia (Cabiriveen)	b.c.c.	c.o.f.	b.c.o	c.o.c.o	63	50	-	Trace	Trace	5.8		2	4-7	1.0-3.0
Baldonnel	c.o.g.	g.p.	c.o.p.d.	q.p.d.				Trace	Trace			3	8-12	3.4-5.4
Didsbury	c.o.p.c.g.	c.o.g.	b.b.c.v	c.o	69	50	41	3	-	5		4	13-18	5.5-7.9
Falmouth	a.b.c.c.	c.o	b.o.c	c.o.b.b.c	64	51	49	Trace	-	9.6		5	19-24	8.0-10.7
Calshot (Hants)	c.f.p.p.	b.c.c.o.f.	b.c.c.o.f.	b.c.c.o.f.	64	56	53	-	-	4.4		6	25-31	10.8-13.8
Lympne (Folkestone)	c.o.f.a.f.	b.c.c.	b.b.c.b	o.f.c.o	69	53	50	-	-	5.1		7	32-38	13.9-17.1
Aberdeen	o.r.f.c.	o.f.	i.f	i.f	61	52	47	-	-	5.6		8	39-46	17.2-20.7
Howden	b.c.g.	q.z	b.b.c.	b.b.c.g	71	54	42	12	-	4.3		9	47-54	20.8-24.4
Cranwell (Lincs)	c.o.p.c.o	b.c.c	r	b.c.b.b.c	70	52	*	Trace	-	7.0		10	55-63	24.5-28.4
Felixstowe	b.c.g.	b.c.g.	b.b.c.g	b.c.b.c	73	56	*	4	4	4		11	64-75	28.5-33.5
Shoeburyness	c.a.b.c.c.	b.c.c.	b.b.c.b	b.b.b.c	74	56	52	-	-	7.6		12	Above 75	33.6 or above
Benson	b.c.c.	b.c	b.c.c	r.b.b.c	69	52	48	-	0.4	*		SYMBOLS—		
S. Farnborough	p.a.c.o.	c.o.b.c.c	b.b.c.f	b.b.c	68	53	47	-	-	5.4		Aurora ☄ Solar halo ☉		
London (Kew Obs.)	o.f.o.	c.o.b.c.c	b.b.c.b	b.b.c.w	71	57	48	-	-	3.7		Rime ❄ Lunar halo ☾		
Croydon	c.p.a.	c.o.b.c.c	b.b.c	b.b.c.f	68	54	*	-	-	4		Glazed frost ❄ Solar corona ☉		
												Glazed roads ☉ Lunar corona ☾		

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).		TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.		
Morning.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.		30th June 4.1st July 1920.		
		Afternoon.	Night.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	mm.	15 h. G.M.T.	9 h. G.M.T.					
24 HOURS ENDED 9h G.M.T. 30th										YESTERDAY.		TO-DAY.		
Greenwich (Royal Observatory)		o	o.b.c.	b	71	54	46	-	3.8	71	51	Yarmouth... Greenwich... Wick... Valencia...		
City (Bunhill Row)		*	*	*	*	*	*	*	4.2	*	*			
Westminster (St. James's Park)		*	*	*	70	57	50	-	5.3	?	51			
(Admiralty Arch)		o.z.d.b.c.a.	o.z.a.	b.c.a.	76	57	*	-	5.7	73	60			
Camden Sq. (British Rainfall)		*	*	*	*	*	*	*	*	*	*			
Kensington Palace		o	c.b.c.	*	69	56	55	-	61 (18h)	56	56	Average Rate. 18.6 Maximum Rate. 77		
Hamstead Observatory		*	*	*	67	55	*	-	3.6	*	61			

Photographic Record of

Pole Star (Polaris) and of δ Ursae

Minoris at Greenwich Observatory.

Exposure from 29.24h.30m. to 30.24h.30m.

Stars.	Duration of Exposure	Duration of Record	%
Polaris	h. m.	h. m.	100
δ Ursae	5. 0	5. 0	100
Minoris	5. 0	5. 0	100

NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose to 75° at Margate and to 70° or above at many other stations in the East and South-East of England. It again remained below 60° at some places in the North and West of the Kingdom. Bright sunshine records were low or moderate generally, but 10.2 hrs. were recorded at Scilly, 11.5 hrs. at Gt. Yarmouth and more than 8 hrs. at a few other Southern Stations. Rain fell in many districts, the largest amounts being 12 mm. at Howden and 8 mm. at Stornoway and Blacksod Point. Lightning was observed at night at Gt. Yarmouth.



AIR MINISTRY.

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

I.—CORRECTIONS.

Report for	STATION.	CORRECTION.	Report for	STATION.	CORRECTION.	Report for	STATION.	CORRECTION.
1 st	ESKDALEMUIR.	BAR. 1h. 1021.8	7 th	Cranwell	Wind direction (1h) MNE	26 th	Benson.	Temp. (7h) 56°
	VALENCIA	" 1028.6	9 th	Castlebay	Minimum Temp. 54°	27 th	Falmouth	Wind force (13h) 4, visibility 5.
	WICK.	" 7h 1015.2.	"	Clackon	Sunshine 6.4 hrs.	"	Donaghadee.	Wind direction (6h) SW.
2 nd	LONDON (New)	Past weather 18h-7h. 07.02f	"	Kew.	Minimum Temperature 42°	"	Dungess.	Temp. (7h) 48°
	FALMOUTH.	VIS. 13h. 8: WEATHER 1h. 3f	"	Kensington Palace	Max. Temp. 64°	22 nd	Castlebay.	Wind direction (7h) SSW.
	CALSHOT.	WIND. 13h. N. SWN. 7.7 hrs.	10 th	Yarmouth	Sunshine 15.0 hrs	"	Blackwood.	Temp. (1h) 56°, Max. Temp. 62°
	LYMPNE.	BAR. 18h. 1027.0	"	Valencia	Rainfall (day) 10 mm.	"	Bembroke.	Bar. (18h) 1023.1 mb.
	CRANWELL	TEMP. 18h. 68°	"	Cranwell.	Max. Temp. 59°	23 rd	Donaghadee	Wind direction (7h) SW.
	LONDON	7h WIND WSW	"	Benson.	Temp. (7h) 56°	"	Rock's Pt.	Min. Temp. 58°
		WEATHER bczw	11 th	Blackwood.	Bar. (18h) 1007.0 mb.	"	Scilly	Sunshine 7.0 hrs.
		CLOUD. A Cu. 6.	"	Portland	Temp. (7h) 57°	"	Jersey	Min. Temp. 52°, Sunshine 4.5 hrs.
		WEATHER ofd	"	Wick	Wind force (7h) 3	"	Yarmouth	Wind direction (7h) NW.
	CASTLEBAY	amd: MIN 48°	12 th	S. Farnboro'	Temp. (13h) 1008.5 mb.	"	Clackon.	Temp. (1h) 62°
	MALIN	Sunshine 0.2 hrs.	13 th	Eskdalemuir	Wind direction (13h) NE, with 2, Temp. (13h)	24 th	S. Farnboro'	Wind direction (18h) NW
	Jersey	Bar. (7h) 1024.1 mb, Temp 60°, wind NW 3 weather bc	"	Falmouth	with (18h) cm. old SK 7.	"	Kew.	Bar. (7h) 1027.8 mb.
	Yarmouth	Sunshine 7.7 hrs.	"	Benson.	Wind direction (7h) SSE.	"	Jersey.	Temp. (18h) 65°
3 rd	Calshot	Wind direction (18h) WNW	"	Blackwood.	Bar. (7h) 1003.9 mb.	"	Wick	Temp. (18h) 55°
	Farnborough	Min. Temp. 48°	14 th	Kensington Palace	Max. Temp. 73°, rainfall 17 mm.	"	Kew	Max. Temp. 73°
	Calshot	Sunshine 12.7 hrs	"	Falmouth.	visibility (13h) 9.	25 th	Eskdalemuir	Wind force (13h) 4
	Lympne	" 12.4 hrs.	"	Eskdalemuir	(h) all obs. as follows: Bar. 1017.4 mb	"	Kew	" direction " NW
4 th	Castlebay	Minimum Temp. 45°	"	Tynemouth	" 4, E 5, 6, 50, 85, 7 - Cu 2, Ci 1 +	26 th	Croydon	" " " NW
	Portland	Bar. (7h) 1022.1 mb.	"	Jersey.	Bar. (18h) 1016.3 mb.	"	Holyhead	Wind (7h) NE 4.
	Tynemouth	Wind force (7h) 6	15 th	Renfrew.	Sunshine 12.0 hrs.	"	Jersey.	Sunshine 10.0 hrs.
	Clackon.	" direction (7h) NNW	"	Lympne.	" 11.6 hrs.	27 th	Eskdalemuir	Bar. (7h) 1016.5 mb, sun. 7.6 hrs.
5 th	Falmouth	Weather (7h) 0, cloud SK. 10.	"	Stornoway.	Min. Temp. 52°	"	Jersey	Sunshine 6.0 hrs.
	Kew	Cloud (13h) SK. Cu 7	16 th	Malin	Bar. (18h) 1020.2 mb.	"	Falmouth	Grass. min. 50°
	Malin Hd.	Minimum Temp. 45°	"	Jersey.	Sunshine 8.5 hrs.	28 th	Calshot	Rainfall (night) 1 mm.
6 th	Portland	Maximum Temp. 61°	"	Valencia	Rainfall trace	"	Falmouth.	High old (1h) A. SK. 1
	Falmouth	Wind direction (1h) NNW.	17 th	Benson.	Humidity (18h) 55%	29 th	Liverpool	Sunshine 5.5 hrs.
	Malin.	Bar. (18h) 1021.1 mb.	"	Eskdalemuir	Temp. (13h) 70°	"	Spurn Hd.	Wind direction (7h) SSW.
	Rock's Pt.	Temp. (7h) 54, Min. Temp 50°	"	"	visibility (1h) 7	"	Yarmouth.	Max. Temp. 60°
	Nairn	Sunshine 8.4 hrs.	18 th	"	Wind direction (18h) ESE	"	Calshot.	Sunshine 5.5 hrs.
	Yarmouth	" 0.1 hrs	"	Shoeburyness.	Temp. (13h) 69°	30 th	Howden.	Rainfall (night) 1 mm.
	Falmouth	Max. Temp. 63°	"	Cranwell	Temp. (7h) 58°	"	Nairn	Sunshine 3.4 hrs.
7 th	Benson.	Bar. (18h) 1017.0 mb.	19 th	Malin Hd.	Min. Temp. 53°, Sunshine 2.8 hrs.	"	Tynemouth	Rainfall trace
	Falmouth	Temp. (7h) 56°	"	Holyhead.	Bar. (7h) 1012.4 mb.	"	Calshot.	Max. Temp. 65°, Sunshine 5.5 hrs.
	Lympne	Bar. (7h) 1017.2 mb.	"	Falmouth	Rainfall (day) 5 mm.	"	Howden.	Rainfall (day) nil.
			"	Cranwell	" 1 mm.			

II.—ADDITIONS.

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

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

† The barometric change is expressed in half-millibars.

AIR MINISTRY.

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

II.—ADDITIONS (continued).

BRITISH SECTION

REPORTS AND ADDITIONS.

II.—ADDITIONS (continued).

STATIONS CONTRIBUTING REPORTS AT 7H. AND 12H.

Report for	STATION.	BAROM. at M.S.L. mb.	TEMP. ° F.	WIND.		Weather	BAROMETR.		TEMPERATURE		WIND.		Dirct. of Upper Cloud.	Weather	Sea 0-9.	RAIN- FALL, mm.	TEMP.		WEATHER.			Sunshine Hours.
				Dirct.	Force		At M.S.L. mb.	Change in 3 hours.	Temp. ° F.	Change in 24 hours.	Dirct.	Force					Max. ° F.	Min. ° F.	Morning.	Afternoon.	Night.	
				12H. G.M.T.						7H. G.M.T.							24 HOURS ENDED 7H.					
20 th	Stornoway.	1002.5	65	S	3	b																
21 st	Malin.	999.2	64	SSE	4	c																
22 nd	Malin.	999.3	59	SW	3	c	1007.9	+3	54	-4	SW	4	SW	c	4	1	64	51	b	bc	c	9.3
23 rd	Malin.	1016.1	56	SW	3	c	1017.9	0	53	-1	SSW	3	SW	c	2	-	59	52	bc	cp	c	6.6
24 th	Malin.	1016.7	58	SW	4	c	1024.9	+1	54	-1	SW	3	SW	c	4	Trace	60	53	c	cu	c	1.4
25 th	Malin.	1027.7	55	SW	3	c	10255	0	51	-2	SW	3	SW	c	3	-	56	50	c	bc	c	5.8
26 th	Malin.	1019.7	56	SW	3	c	1013.2	-1	54	+2	SSW	2	-	omc	3	1	58	51	c	c	omd	8.1
27 th	Malin.	1014.3	55	NNW	2	c	1016.7	0	53	-1	NW	2	-	cu	3	1	57	50	omd	o	cu	0.3
27 th	Malin.	1017.4	56	NW	1	c	1011.2	-2	56	+3	SW	3	SW	c	1	1	58	48	cu	cu	cp	7.4
28 th	Malin.	1007.1	54	NW	2	c	1004.0	-1	55	-1	S	2	SW	bc	1	2	62	52	cp	om/p	c	0.4